

PRICELIST 2026



NELSON

HYDRO CONNECT

HUNTER

FX LUMINAIRE

HUNTER GOLF



NEW

MECHANISED IRRIGATION

- P18** R65 VT & R65i VT Unboosted End Guns (replaces R55 VT& R55i VT)



MICRO IRRIGATION

- P26** R7 Rotator part of the 7 Series Micro Sprinklers



FULL COVERAGE IRRIGATION

- P32** R2000FX 1/2" MT Rotator
P36 12213-002 Blue Road Guard
P36 13912 R2000WF Cap Assembly Lock
P38 MR & MRDC Regulators 25psi Configuration



LARGE RADIUS IRRIGATION & ENVIRONMENTAL CONTROL

- P49** 13253 100TR-P Plastic Nozzle Kit
P50 13191 150TR-P Plastic Nozzle Kit
P50 12686 150 Secondary Nozzle Kit
P53 Big Gun Rebuild Codes & Pricing



WIRELESS CONTROL SYSTEMS

- P66** TWIG-V Plus and TWIG-V Plus SE
P66 TWIG-V SE Switch Enabled Radio Modules
P67 TWIG SE Pressure Switches



SPRINKLERS

- P76** Hunter® ST1700VB ST Rotor 2" BSP
P78 Hunter® MP820 MP Rotators



IRRIGATION CONTROLLERS

- P92** Hunter® Controller Selection Guide
P94 Hunter® WiFi Module for Pro-C
P94-97 Hunter EZ-LR Long Range Decoder
P96-97 Remote Mounting for Wireless Valve Link
P97 Hunter I2CF Controller w/- Flow Monitoring



FITTINGS, ACCESSORIES & TOOLS

- P120-124** Hunter® Branded Commercial Valve Boxes
P132 TEMPO 551 Wire & Valve Locator Kit.
Dual Simultaneous Direct Frequencies plus Peak & Null Antennas
P132 TEMPO SMFIX Spike Marker Fixing Kit



OUTDOOR LIGHTING

- P134** FX Luminaire WiFi Plug
P139 FX Luminaire G4 LED Lamps
P139 FX Luminaire M16 ECO LED Lamps





HC N MECHANISED IRRIGATION

- 4-9 Pivot Sprinklers
- 10 Pressure Regulators
- 11-24 Pivot Solutions

N MICRO IRRIGATION

- 25-26 S7 Spinner & J7 Jet
- 27-28 Feedtube Assemblies

N FULL COVERAGE IRRIGATION

- 29-37 Rotators
- 38 Pressure Regulators
- 39-44 Feedtube Assemblies

N THE GREEN INDUSTRY

- 45-46 Spinners & Sprays

N LARGE RADIUS IRRIGATION & ENVIRONMENTAL CONTROL

- 47-53 Big Gun® Sprinklers
- 54 Impact Sprinklers

N CONTROL SYSTEMS

- 55 Air Control Valves
- 56-59 800 Series Control Valves
- 60-64 1000 Series Control Valves
- 65-67 TWIG Wireless Control

HI SPRINKLERS

- 68-77 Rotors
- 78-80 MP Rotators
- 81-86 Sprays & Nozzles

HI IRRIGATION VALVES

- 87 PGV
- 88-89 ICV/IBV
- 90 Quick Coupling

N PRESSURE REGULATORS

- 91 Landscape Pressure Regs

HI IRRIGATION CONTROLLERS

- 92-94 Standard Controllers
- 95-96 Hydrowise Controllers
- 97-99 Centralus Controllers
- 100-101 Battery-Powered Controllers
- 102 Remote Controls & Pump Start Relays

HI SENSORS

- 103-105 Sensors & Flow Meters

HI MICRO IRRIGATION

- 106-108 Landscape Dripline & Drip Emitters
- 109-110 Root Zone Watering Systems
- 111 Micro System Accessories

HI HC FITTINGS, ACCESSORIES & TOOLS

- 112-113 Articulated Risers & Flex
- 114 MP Quick Connect & Risers
- 115-119 Irrigation Cable, Connectors & Earthing
- 120-123 Commercial Series Valve Boxes
- 124-125 Manifold Fittings
- 126-131 Heavy Turf Swing Joints
- 132-133 System Troubleshooting, Markers & Tools

HC FXL OUTDOOR LIGHTING

- 134-135 Basic On/Off
- 136-137 Zone/Dim/Colour
- 138 Accessories
- 139 Outdoor Lighting Lamps
- 140-141 Outdoor Lighting Cable & Connectors

HI GOLF PRODUCTS

- 142-146 Golf Rotors
- 147-150 Pilot Network

R3030 & R3000: Rotator



Code	Description	Qty/Box	List Price
9410	3000 Adapter Square Thread x 3/4" MNPT	900	\$4.38
	Rotator Plates (See Below)	600	15.75
9539	R3000 Cap/Motor	300	56.86
12035-xxx	3NV Nozzle		5.85
13568	R3030/S3030 MT Body		14.11
12034	R3030/S3030 Body	150	14.11
R3030 Components Total (Including Nozzle)			92.57
11969-xxx	Cap/Plate Assembly*	200	72.61
13864-xxx	R3030MT Cap/Plate Body Assembly*		86.72
12471-xxx	R3030 Cap/Plate Body Assembly*		86.72
9461-xxx	3TN Nozzle	100	6.10
9412	R3000/S3000 Body	300	7.08
R3000 Components Total (Including Nozzle & Adapter)			90.17
11969-xxx	Cap/Plate Assembly*	200	72.61
11970-xxx	R3000 Cap/Plate Body Assembly*	200	79.69

BLUE UP-TOP U4-8° #8817	WHITE UP-TOP #10749	GREEN D4-8° #8844	RED D6-12° #8839	ORANGE MULTI-TRAJECTORY #10598	BROWN MULTI-TRAJECTORY #10681	OLIVE MULTI-TRAJECTORY #12360
						
Cap/Plate Assy #11969-001	Cap/Plate Assy #11969-002	Cap/Plate Assy #11969-003	Cap/Plate Assy #11969-004	Cap/Plate Assy #11969-005	Cap/Plate Assy #11969-006	Cap/Plate Assy #11969-007
R3030 Cap/Plate Body Assy #12471-001	R3030 Cap/Plate Body Assy #12471-002	R3030 Cap/Plate Body Assy #12471-003	R3030 Cap/Plate Body Assy #12471-004	R3030 Cap/Plate Body Assy #12471-005	R3030 Cap/Plate Body Assy #12471-006	R3030 Cap/Plate Body Assy #12471-007
R3000 Cap/Plate Body Assy #11970-001	R3000 Cap/Plate Body Assy #11970-002	R3000 Cap/Plate Body Assy #11970-003	R3000 Cap/Plate Body Assy #11970-004	R3000 Cap/Plate Body Assy #11970-005	R3000 Cap/Plate Body Assy #11970-006	R3000 Cap/Plate Body Assy #11970-007
1.4-3.4 bar (20-50 PSI)	1.0-2.0 bar (15-30 PSI)	1.4-3.4 bar (20-50 PSI)	1.0-2.0 bar (15-30 PSI)	1.0-2.0 bar (15-30 PSI)	1.0-2.0 bar (15-30 PSI)	.7-1.7 bar (10-25 PSI)



PC-R3030 & PC-R3000: Part Circle Rotator

Code	Description	Qty/Box	List Price
13921-xxx	PC-R3030 MT Cap/Plate & Body/Assy Only	125	\$120.34
12651-xxx	PC-R3030 Cap/Plate & Body/Assy* Only	100	116.10
10843-xxx	PC-R3000 Cap/Plate & Body/Assy* Only	150	118.61
11075-xxx	PC-R3000 & PC-R3030 Cap/Plate Assy* Only	200	98.16

*Price does not include the 3/4" Adapter & 3TN/3NV Nozzle that are required for a complete Assembly
-001 Black, -002 White, -003 Tan. R3030MT & PC-R3030MT do not need the additional 3/4" adapter.

S3030 & S3000: Spinner



Code	Description	Qty/Box	List Price
9410	3000 Adapter Square Thread x 3/4" MNPT	900	\$4.38
	Spinner Plates (See Below)	600	15.75
9540	S3000 Cap/Motor	300	42.23
12035-xxx	3NV Nozzle		5.85
13568	R3030/S3030 MT Body		14.11
12034	R3030/S3030 Body	150	14.11
S3030 Components Total (Including Nozzle)			77.94
11971-xxx	Cap/Plate Assembly*	200	57.98
13865-xxx	S3030MT Cap/Plate Body Assembly*		72.09
12472-xxx	S3030 Cap/Plate Body Assembly*		72.09
9461-xxx	3TN Nozzle	100	6.10
9412	R3000/S3000 Body	300	7.08
S3000 Components Total (Including Nozzle & Adapter)			75.54
11971-xxx	Cap/Plate Assembly*	200	57.98
11972-xxx	S3000 Cap/Plate Body Assembly*	200	65.06

RED D6-12° #8839	PURPLE D6-20° #9583	YELLOW D8-21° #10361	BEIGE SMALL NOZZLE #11013
			
Cap/Plate Assy #11971-001	Cap/Plate Assy #11971-002	Cap/Plate Assy #11971-003	
S3030 Cap/Plate Body Assy #12472-001	S3030 Cap/Plate Body Assy #12472-002	S3030 Cap/Plate Body Assy #12472-003	
S3000 Cap/Plate Body Assy #11972-001	S3000 Cap/Plate Body Assy #11972-002	S3000 Cap/Plate Body Assy #11972-003	
0.7-1.4 bar (10-20 PSI)	0.7-1.4 bar (10-20 PSI)	0.7-1.4 bar (10-20 PSI)	0.7-1.0 bar (10-15 PSI)

The beige plate should be used on flexible drops, or those with at least 0.3m (1ft.) of hose.

The smaller nozzles will be more susceptible to plugging.

PC-S3030 & PC-S3000: Part Circle Spinner



Code	Description	Qty/Box	List Price
13922	PC-S3030 MT (Part Circle) Spinner Cap/Plate & Body/Assy Only	125	\$96.32
12650	PC-S3030 (Part Circle) Spinner Cap/Plate & Body/Assy* Only	100	90.88
9926-001	PC-S3000 (Part Circle) Spinner Cap/Plate & Body/Assy* Only	150	93.67
10949-001	PC-S3000 (Part Circle) Spinner Cap/Plate Only	200	69.55

*Price does not include the 3/4" Adapter & 3TN/3NV Nozzle that are required for a complete Assembly

Note: S3030MT & PC-S3030MT do not need the additional 3/4" adapter

A3030 & A3000: Accelerator



Code	Description	Qty/Box	List Price
9410	3000 Adapter Square Thread x 3/4" MNPT	900	\$4.38
	Rotor Plates** (See below)	1,000	10.80
10402	A3000 Cap/Motor	300	33.45
12035-xxx	3NV Nozzle		5.85
13257	A3030/D3030 MT Body		12.14
12346	A3030/D3030 Body	200	12.14
A3030 Components Total (Including Nozzle)			62.24
11498-xxx	Cap/Plate Assembly*	300	44.25
13866-xxx	A3030MT Cap/Plate Body Assembly*		56.39
12473-xxx	A3030 Cap/Plate Body Assembly*	300	56.39
9461-xxx	3TN Nozzle	100	6.10
9428	A3000 Body	475	4.43
A3000 Components Total (Including Nozzle & Adapter)			59.16
11498-xxx	Cap/Plate Assembly*	300	44.25
11973-xxx	A3000 Cap/Plate Body Assembly*	300	48.68

**A3000 Gold Plate & Navy Plate sold assembled with A3000 Cap/Motor

MAROON #9906	GOLD	NAVY UP-TOP
		
Cap/Plate Assy #11498-001	Cap/Plate Assy #11498-002	Cap/Plate Assy #11498-003
A3030 Cap/Plate Body Assy #12473-001	A3030 Cap/Plate Body Assy #12473-002	A3030 Cap/Plate Body Assy #12473-003
A3000 Cap/Plate Body Assy #11973-001	A3000 Cap/Plate Body Assy #11973-002	A3000 Cap/Plate Body Assy #11973-003
0.4-1.0 bar (6-15 PSI)	0.4-1.0 bar (6-15 PSI)	0.4-1.0 bar (6-15 PSI)



Optional Sprinkler
Converter #11472
see page 9



EASILY CONVERT
FROM ACCELERATOR
TO SPRAYHEAD TO
BUBBLER

O3030: Orbitor



Code	Description	Qty/Box	List Price
12035-xxx	3NV Nozzle		\$5.85
13250-3xx	O3030MT With Plastic Cover		77.21
O3030 Components Total (Plastic Cover including Nozzle)			83.06
13250-1xx	O3030MT Body & Weight		100.78
O3030 Components Total (Weighted Cover including Nozzle)			106.63



Important Mounting Information:

1. The Orbitor requires a minimum of 0.6m (2') of reinforced flexible hose in the mounting assembly.
2. When using the Orbitor with the weighted cover, do not use any other conventional weight styles instead of, or in addition to, the Orbitor weight.
3. When using the Orbitor with the plastic cover use Coil Weight (page 11) for up to 15psi operating pressures.
4. Always be sure that all components in the mounting assembly and the Orbitor are securely tightened. Use new Nelson pressure regulators and fittings.
5. If 3/4" ball valves are used, use metal nipples or Nelson P/N-12291 plastic nipples.

Clamp Saver for Poly Slip Weights #12107
List Price \$9.68

BLACK
STANDARD ANGLE

O3030
Assy w/ Weight
#12317-101
Plastic Cover Version
#12317-301

0.7-1.4 bar
(10-20 PSI)

BLUE
LOW ANGLE

O3030
Assy w/ Weight
#12317-102
Plastic Cover Version
#12317-302

0.7-1.4 bar
(10-20 PSI)

PURPLE
SMALL DROPLET

O3030
Assy w/ Weight
#12317-103
Plastic Cover Version
#12317-303

0.7-1.4 bar
(10-20 PSI)

O3030FX Orbitor



Code	Description	Qty/Box	List Price
12035-xxx	3NV Nozzle		\$5.85
13568	R3030/S3030-MT Body	150	14.11
13007-001	O3030 FX Cap, Plate, Assy - Up-Top	75	46.47
13746-001	O3030FX-MT Cap, Plate, Body Assy - Up Top		60.58
O3030 FX Components Total (including 3NV Nozzle) - Up-Top			66.43
13071-001	O3030 FX Cap, Plate, Assy - Drops	75	59.29
13747-001	O3030FX-MT Cap, Plate, Body Assy - Drops	75	73.40
O3030 FX Components Total (including 3NV Nozzle) - Drops			79.25

Note: Use 12291 Nipple with O3030FX up-top, do not substitute.

D3030 & D3000: Sprayhead



Code	Description	Qty/Box	List Price
9410	3000 Adapter Square Thread x 3/4" MNPT	900	\$4.38
	Spray Plates (See Below)	600	2.57
12780	Tan Bubble-Wide Plate	600	10.31
9429	D3000 Cap	200	2.82
12035-xxx	3NV Nozzle		5.85
13257	A3030/D3030 MT Body	200	12.14
12346	A3030/D3030 Body	200	12.14
D3030 Components Total (Including Nozzle)			23.38
10041-xxxx	Cap/Plate Assy*	100	5.39
9461-xxx	3TN Nozzle	100	6.10
9428	D3000 Body	475	4.43
D3000 Components Total (with one spray plate)			20.30
10041-xxxx	Cap/Plate Assy*	100	5.39

*Add \$7.74 for tan plate (Bubbler)

GREEN #9543 	YELLOW #9631 	PURPLE #9550 	BLUE #9493 
BLACK #9541 	GREY #9542 	ORANGE #10683 	BROWN #10721 
TURQUOISE #9591 	RED #9437 	WHITE #10971 	TAN #12780 

PC-D3030 & PC-D3000: Part Circle Sprayhead



Code	Description	Qty/Box	List Price
13249	U3030MT Body Universal Adapter		\$15.07
12381	U3030 Body Universal Adapter	200	11.95
9894-001	PC-D3000 (Part Circle) Cap/Plate & Body/Assy* Only	400	36.59

*Price does not include the 3/4" Adapter & 3TN/3NV Nozzle that are required for a complete Assembly

D3000 Bubbler
Attachment (LEPA)
(3000 Series)
#10577
List Price \$4.95



HD3000 Hose
Drag Adapter
#9427
List Price \$7.88



Flip-Over Hose Drag
Cap Assembly
(3030 series)
#12676
List Price \$16.96



Shown with
#12381

T3000: Trashbuster



Code	Description	Qty/Box	List Price
9410	3000 Adapter Square Thread x 3/4" MNPT	900	\$4.38
10419	T3000 Body	300	7.19
10324-xxx	T3000 Cap/Spray Plate	300	11.49
12035-xxx	3NV Nozzle		5.85
13249	U3030 MT Body Universal Adapter		15.07
12381	U3030 Body	200	11.95
T3030 Components Total (Including Nozzle & Adapter)			39.60
9461-xxx	3TN Nozzle	100	6.10
T3000 Components Total (Spray & 3TN)			29.16
10106-xxx	3000FC	700	31.10
T3000 Components Total (Spray & 3000FC)			54.16

For Trashbuster with R3000 Rotator Cap/Motor/Plate, specify and price from R3000 Rotator Section page 4.

Hose Barb & Threaded Fittings



Code	Description	Qty/Box	List Price
10057	3/4" Hose Barb x 3/4" FNPT	625	\$3.94
10148	3/4" Hose Barb x 3/4" MNPT	725	2.46
9901	3/4" Hose Barb x 3000 Adapter Square Thread	800	4.59
12291	3/4" x 3/4" MNPT Nipple	400	3.56

HD3000 Hose Drag Adapter for LEPA



Code	Description	Qty/Box	List Price
9410	3000 Adapter Square Thread x 3/4" MNPT	900	\$4.38
9461-xxx	3TN Nozzle	100	6.10
9427	HD3000 Adapter	800	7.88
HD3000 Components Total			18.36

Note: For HD3030 order 3000 Adapter, 3NV Nozzle, 3030 Series Universal Adapter and Hose Drag Adapter.

Accessories

Sprinkler Converter
3-in-one sprinkler
#11472
List Price \$5.20



Dual Nozzle Clip
for all 3000 Series
3TN not incl.
#9742
List Price \$5.17



Triple Nozzle Clip
for all 3000 Series
3TN not incl.
#11089
List Price \$7.96



Threaded Weight
Adapter
#13262
List Price \$7.33



3NV Dual
Nozzle Pliers
#12560
List Price \$136.58



3NV Dual Nozzle
Clip #12032
(nozzles not included)
List Price \$6.92



Note: Use with Nelson 11lb Modular Weight or Competition Weights Where Applicable

Pivot Pressure Regulators UNI-FLO



Code	Description	Qty/Box	List Price
9491-xxx	3/4" FNPT Uni-Flo	100	\$31.12
9572-xxx	Square Thread Uni-Flo	100	31.12

Note: The Square Thread Pressure Regulator connects directly to 3000 Series Pivot Sprinklers and eliminates the 3000 Adapter. MT Bodies do not need the additional 3/4" adapter and use 3/4 x 3/4" Regulators.

	6 PSI (0.4 bar)	10 PSI (0.7 bar)	15 PSI (1.0 bar)	20 PSI (1.4 bar)	25 PSI (1.7 bar)	30 PSI (2.1 bar)	40 PSI (2.8 bar)	50 PSI (3.4 bar)
3/4" FNPT X 3/4" FNPT UNI-FLO	9491-001	9491-002	9491-003	9491-004	9491-005	9491-006	9491-007	9491-008
3/4" FNPT X SQUARE THREAD UNI-FLO	9572-001	9572-002	9572-003	9572-004	9572-005	9572-006	9572-007	9572-008

Pivot Pressure Regulators ALL-FLO



Code	Description	Qty/Box	List Price
12612-0xx	3/4" FNPT x 3/4" FNPT All-Flo	50	\$39.41
12616-0xx	Square Threaded All-Flo	50	39.41

Note: The Square Thread Pressure Regulator connects directly to 3000 Series Pivot Sprinklers and eliminates the 3000 Adapter. MT Bodies do not need the additional 3/4" adapter and use 3/4 x 3/4" Regulators.

	6 PSI (0.4 bar)	10 PSI (0.7 bar)	15 PSI (1.0 bar)	20 PSI (1.4 bar)	25 PSI (1.7 bar)	30 PSI (2.1 bar)	40 PSI (2.8 bar)	50 PSI (3.4 bar)
3/4" FNPT X 3/4" FNPT ALL-FLO	12612-006	12612-010	12612-015	12612-020	12612-025	12612-030	12612-040	12612-050
3/4" FNPT X SQUARE THREAD ALL-FLO	12616-006	12616-010	12616-015	12616-020	12616-025	12616-030	12616-040	12616-050

Centre Pivot Sprinkler Charting & Packaging Service



Code	Description	List Price
Chart	Centre Pivot Computer Generated Sprinkler Chart	\$115.00
Package	Centre Pivot Sprinkler Packaging	125.00



Irrigation System Troubleshooting

SPOTON

Flow Testing

Code	Description	List price
03226	Spoton Mega Flow Meter	\$1,796.55

Galvanised Steel Goose Necks



Code	Description	Qty/Box	List Price
HC-SGN180M	180° 3/4" M x M Galvanised Goose Neck	20	\$16.94
HC-SGN180F	180° 3/4" M x F Galvanised Goose Neck	20	20.91
HC-SGN180B	180° 3/4" M x Hose Barb Galvanised Goose Neck	20	16.94
HC-SGN090M	90° 3/4" M x M Galvanised Goose Neck	20	17.23

Note: Thread protectors on all male threads.

Plastic Goose Necks & Truss Rod Hose Clips



Code	Description	Qty/Box	List Price
12375-001	180° 3/4" MNPT x MNPT Plastic Goose Neck	75	\$15.40
12375-002	180° 3/4" MNPT x Barb Plastic Goose Neck	75	15.40
13520-001	180° 3/4" MNPT x MNPT x MNPT Plastic Geese Neck	75	18.32
13520-002	180° 3/4" MNPT x MNPT x Barb Plastic Geese Neck	75	18.32
13501-001	125° 3/4" MNPT x MNPT Plastic Goose Neck	75	13.76
13501-002	125° 3/4" MNPT x Barb Plastic Goose Neck	75	13.76
13369-001	Double 125° 3/4" M x Hose Barbs Plastic Goose Neck	100	20.81
HC-TRC625	Truss Rod Hose Clip for 5/8" Rod (Maroon)	150	10.74
HC-TRC687	Truss Rod Hose Clip for 11/16" Rod (Green)	100	10.74
HC-TRC750	Truss Rod Hose Clip for 3/4" Rod (Black)	100	10.74
HC-TRC812	Truss Rod Hose Clip for 13/16" Rod (Grey)	100	10.74
HC-TRC875	Truss Rod Hose Clip for 7/8" Rod (Blue)	100	10.74

Note: Sureline Hose (HC-DHP) has a larger OD and requires an alternate TRC. When using sureline hose please indicate on the purchase order. Pricing is unchanged.

Steel Drops



Code	Description	Qty/Box	List Price
HC-SD060	Galvanised Drop 3/4" M x M - 60" Long (1.52m)	10	\$68.02
HC-SD078	Galvanised Drop 3/4" M x M - 78" Long (1.98m)	10	88.35
HC-SD084	Galvanised Drop 3/4" M x M - 84" Long (2.13m)	10	95.18
HC-SD090	Galvanised Drop 3/4" M x M - 90" Long (2.29m)	10	101.85
HC-SD096	Galvanised Drop 3/4" M x M - 96" Long (2.44m)	10	108.85

Note: Thread protectors on all male threads.

Drop Hose Weights



Code	Description	Qty/Box	List Price
HC-PSW125	1.25lb (0.55 kg) Plastic Slip Weight with Clamp Notch	20	\$17.42
HC-PSW200	2.0lb (0.90 kg) Plastic Slip Weight with Clamp Notch	20	24.30
NEW HC-PTW125	1.25 lb (0.55kg) Plastic Threaded Weight 3/4" Barb x MNPT		24.50
NEW HC-PTW200	2.00 lb (0.90kg) Plastic Threaded Weight 3/4" Barb x MNPT		30.50
10130	1.0lb (0.45 kg) Modular Weight	48	31.94
13597	1 lb (0.45 kg) Coil Weight (w/cover)	25	25.05

Pressure Gauges



Code	Description	Qty/Box	List Price
HC-PG050BE	3" Pressure Gauge, Glycerine Filled 0-50 psi (0-350 kPa) Bottom Entry	100	\$61.69
HC-PG100BE	3" Pressure Gauge, Glycerine Filled 0-100 psi (0-700 kPa) Bottom Entry	100	61.69
HC-PG150BE	3" Pressure Gauge, Glycerine Filled 0-150 psi (0-1000 kPa) Bottom Entry	100	61.69
HC-PG200BE	3" Pressure Gauge, Glycerine Filled 0-200 psi (0-1400 kPa) Bottom Entry	100	61.69
HC-PG100RE	3" Pressure Gauge, Glycerine Filled 0-100 psi (0-700 kPa) Rear Entry	100	61.69
HC-PG010PR	3" Pressure Gauge, Glycerine Filled 0-30 PSI (0-200 kPa) for 10 PSI Pressure Regulator - Rear Entry with Coloured Gauge Face	100	68.69
HC-PG015PR	3" Pressure Gauge, Glycerine Filled 0-40 PSI (0-280 kPa) for 15 PSI Pressure Regulator - Rear Entry with Coloured Gauge Face	100	68.69
HC-PG020PR	3" Pressure Gauge, Glycerine Filled 0-50 PSI (0-350 kPa) for 20 PSI Pressure Regulator - Rear Entry with Coloured Gauge Face	100	68.69

Pressure Drop Kit for Pivot Systems



Code	Description	List Price
HC-PDK100	Includes 3" Pressure Gauge, Glycerine Filled 0-100 psi (0-700 kPa) - Rear Entry	\$182.88
HC-PDK010PR	Includes 3" Pressure Gauge, Glycerine Filled 0-30 PSI (0-200 kPa) for 10 PSI Pressure Regulator Rear Entry with Coloured Gauge Face	190.83
HC-PDK015PR	Includes 3" Pressure Gauge, Glycerine Filled 0-40 PSI (0-280 kPa) for 15 PSI Pressure Regulator Rear Entry with Coloured Gauge Face	190.83
HC-PDK020PR	Includes 3" Pressure Gauge, Glycerine Filled 0-50 PSI (0-350 kPa) for 20 PSI Pressure Regulator Rear Entry with Coloured Gauge Face	190.83

Gauge, Tee Kits & Fittings



Code	Description	List Price
HC-PGK075	20mm (3/4") Poly Gauge Kit (does not include the Gauge)	\$24.55
HC-PTK075	20mm (3/4") Universal Poly Tee Kit	67.98
HC-PP075	20mm (3/4") Poly Threaded Plug BSP Male	2.36
HC-PS075	20mm (3/4") Poly Threaded Socket BSP Female	8.67
HC-PN075	20mm (3/4") Poly Threaded Nipple BSP Male	3.88
HC-PE075	20mm (3/4") Poly Threaded F&F Elbow BSP Female	8.33
HC-PTP075100	20mm (3/4") x 100mm Poly Threaded Pipe M&M	7.69
HC-PT075	20mm (3/4") Poly Threaded Tee BSP Female	9.51
HC-PB075025	20mm (3/4") x 6mm (1/4") BSP Plastic Bush	7.95

Drop Hose



Code	Description	Qty/Box	List Price
HC-DHS	3/4" Black Drop Hose - 76m (250 ft) - 2 year warranty	1	\$360.66
HC-DHBLU	3/4" Blue Drop Hose - 76m (250 ft) - 2 year warranty	1	401.03
HC-DHDKB	3/4" Dark Blue Drop Hose - 76m (250 ft) - 2 year warranty	1	401.03
HC-DHRED	3/4" Red Drop Hose - 76m (250 ft) - 2 year warranty	1	401.03
HC-DHP	3/4" Sureline Drop Hose - 76m (250 ft) - Black	1	1,305.87

ACCESSORIES

Drop Hose Clamp
1 1/16" (for 3/4"
Drop Hose; Stepless)
#HC-DHC075
List Price \$0.99



HD Drop Hose Clamp
1 3/16" (for sureline
Hose; Stepless)
#HC-DHC075P
List Price \$2.08



Worm Drive Clamp
(for all Drop Hose)
#HC-DHC075WD
List Price \$5.11



Hose Clamp Tool
Standard
#HC-DHCTOOL
List Price \$127.09
Long Handle
#HC-DHCTOOLLH
List Price \$164.90



Compound Action
Pincer
#HC-DHCTOOLCAP
List Price \$347.98



Hose Clamp Tool
Pneumatic
#HC-DHCTOOLAIR
List Price POA



Flexible Drop Hose: Cut to Length



Code	Description	Standard Black	Standard Red/Blue	Sureline Black
HC-DHx048	Flexible Drop Hose Plain End - 48"	\$11.06	\$11.73	\$26.66
HC-DHx054	Flexible Drop Hose Plain End - 54"	11.78	12.53	29.27
HC-DHx060	Flexible Drop Hose Plain End - 60"	12.54	13.37	32.01
HC-DHx066	Flexible Drop Hose Plain End - 66"	13.30	14.21	34.75
HC-DHx072	Flexible Drop Hose Plain End - 72"	14.02	15.02	37.36
HC-DHx078	Flexible Drop Hose Plain End - 78"	14.78	15.86	40.11
HC-DHx084	Flexible Drop Hose Plain End - 84"	15.50	16.66	42.72
HC-DHx090	Flexible Drop Hose Plain End - 90"	16.25	17.50	45.46
HC-DHx096	Flexible Drop Hose Plain End - 96"	17.01	18.34	48.20
HC-DHx102	Flexible Drop Hose Plain End - 102"	17.73	19.15	50.82
HC-DHx108	Flexible Drop Hose Plain End - 108"	18.49	19.99	53.56
HC-DHx114	Flexible Drop Hose Plain End - 114"	19.21	20.79	56.17
HC-DHx120	Flexible Drop Hose Plain End - 120"	19.97	21.63	58.91
HC-DHx126	Flexible Drop Hose Plain End - 126"	20.73	22.47	61.65
HC-DHx132	Flexible Drop Hose Plain End - 132"	21.45	23.28	64.27
HC-DHx138	Flexible Drop Hose Plain End - 138"	22.21	24.12	67.01
HC-DHx144	Flexible Drop Hose Plain End - 144"	22.93	24.92	69.62
HC-DHx150	Flexible Drop Hose Plain End - 150"	23.68	25.76	72.36
HC-DHx156	Flexible Drop Hose Plain End - 156"	24.44	26.61	75.10
HC-DHx162	Flexible Drop Hose Plain End - 162"	25.16	27.41	77.72
HC-DHx168	Flexible Drop Hose Plain End - 168"	25.92	28.25	80.46

Note: Change 'x' when ordering: Standard Black Hose use "S". Premium Hose use 'P'. Standard coloured hose use 'R' for Red, 'B' for Blue or 'D' for Dark Blue.

Flexible Drop Hose: Cut to Length & Assembled

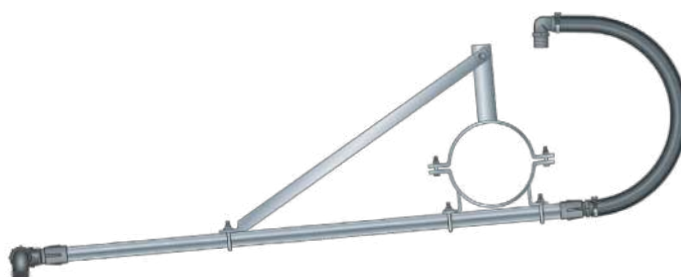


Code	Description	Standard Black	Standard Red/Blue	Sureline Black
HC-DHx048MM	Flexible Drop Hose Assembled Male x Male - 48"	\$23.38	\$24.04	\$38.95
HC-DHx054MM	Flexible Drop Hose Assembled Male x Male - 54"	24.12	24.87	41.64
HC-DHx060MM	Flexible Drop Hose Assembled Male x Male - 60"	24.86	25.69	44.33
HC-DHx066MM	Flexible Drop Hose Assembled Male x Male - 66"	25.61	26.52	47.02
HC-DHx072MM	Flexible Drop Hose Assembled Male x Male - 72"	26.35	27.35	49.71
HC-DHx078MM	Flexible Drop Hose Assembled Male x Male - 78"	27.09	28.17	52.40
HC-DHx084MM	Flexible Drop Hose Assembled Male x Male - 84"	27.83	29.00	55.09
HC-DHx090MM	Flexible Drop Hose Assembled Male x Male - 90"	28.58	29.83	57.78
HC-DHx096MM	Flexible Drop Hose Assembled Male x Male - 96"	29.32	30.65	60.47
HC-DHx102MM	Flexible Drop Hose Assembled Male x Male - 102"	30.06	31.48	63.16
HC-DHx108MM	Flexible Drop Hose Assembled Male x Male - 108"	30.81	32.30	65.85
HC-DHx114MM	Flexible Drop Hose Assembled Male x Male - 114"	31.55	33.13	68.55
HC-DHx120MM	Flexible Drop Hose Assembled Male x Male - 120"	32.29	33.96	71.24
HC-DHx126MM	Flexible Drop Hose Assembled Male x Male - 126"	33.04	34.78	73.93
HC-DHx132MM	Flexible Drop Hose Assembled Male x Male - 132"	33.78	35.61	76.62
HC-DHx138MM	Flexible Drop Hose Assembled Male x Male - 138"	34.52	36.43	79.31
HC-DHx144MM	Flexible Drop Hose Assembled Male x Male - 144"	35.26	37.26	82.00
HC-DHx150MM	Flexible Drop Hose Assembled Male x Male - 150"	36.01	38.09	84.69
HC-DHx156MM	Flexible Drop Hose Assembled Male x Male - 156"	36.75	38.91	87.38
HC-DHx162MM	Flexible Drop Hose Assembled Male x Male - 162"	37.49	39.74	90.07
HC-DHx168MM	Flexible Drop Hose Assembled Male x Male - 168"	38.24	40.56	92.76
HC-DHx048MF	Flexible Drop Hose Assembled Male x Female - 48"	24.95	25.61	40.52
HC-DHx054MF	Flexible Drop Hose Assembled Male x Female - 54"	25.69	26.44	43.21
HC-DHx060MF	Flexible Drop Hose Assembled Male x Female - 60"	26.43	27.26	45.90
HC-DHx066MF	Flexible Drop Hose Assembled Male x Female - 66"	27.18	28.09	48.59
HC-DHx072MF	Flexible Drop Hose Assembled Male x Female - 72"	27.92	28.92	51.28
HC-DHx078MF	Flexible Drop Hose Assembled Male x Female - 78"	28.66	29.74	53.97
HC-DHx084MF	Flexible Drop Hose Assembled Male x Female - 84"	29.40	30.57	56.66
HC-DHx090MF	Flexible Drop Hose Assembled Male x Female - 90"	30.15	31.40	59.35
HC-DHx096MF	Flexible Drop Hose Assembled Male x Female - 96"	30.89	32.22	62.04
HC-DHx102MF	Flexible Drop Hose Assembled Male x Female - 102"	31.63	33.05	64.73
HC-DHx108MF	Flexible Drop Hose Assembled Male x Female - 108"	32.38	33.87	67.42
HC-DHx114MF	Flexible Drop Hose Assembled Male x Female - 114"	33.12	34.70	70.12
HC-DHx120MF	Flexible Drop Hose Assembled Male x Female - 120"	33.86	35.53	72.81
HC-DHx126MF	Flexible Drop Hose Assembled Male x Female - 126"	34.61	36.35	75.50
HC-DHx132MF	Flexible Drop Hose Assembled Male x Female - 132"	35.35	37.18	78.19
HC-DHx138MF	Flexible Drop Hose Assembled Male x Female - 138"	36.09	38.00	80.88
HC-DHx144MF	Flexible Drop Hose Assembled Male x Female - 144"	36.83	38.83	83.57
HC-DHx150MF	Flexible Drop Hose Assembled Male x Female - 150"	37.58	39.66	86.26
HC-DHx156MF	Flexible Drop Hose Assembled Male x Female - 156"	38.32	40.48	88.95
HC-DHx162MF	Flexible Drop Hose Assembled Male x Female - 162"	39.06	41.31	91.64
HC-DHx168MF	Flexible Drop Hose Assembled Male x Female - 168"	39.81	42.13	94.33

Note: Change 'x' when ordering: Standard Black Hose use "S". Premium Hose use 'P'. Standard coloured hose use 'R' for Red, 'B' for Blue or 'D' for Dark Blue.

Boom Backs: Alumi Boom with Brace

Code	Description	Qty	List Price
HC-PB15A3	Alumi Boom 15ft – 3" Span Pipe	1	\$635.06
HC-PB15A4	Alumi Boom 15ft – 4" Span Pipe	1	635.06
HC-PB15A412	Alumi Boom 15ft – 4 1/2" Span Pipe	1	635.06
HC-PB15A5	Alumi Boom 15ft – 5" Span Pipe	1	635.06
HC-PB15A6	Alumi Boom 15ft – 6" Span Pipe	1	635.06
HC-PB15A658	Alumi Boom 15ft – 6 5/8" Span Pipe	1	635.06
HC-PB15A8	Alumi Boom 15ft – 8" Span Pipe	1	659.82
HC-PB15A858	Alumi Boom 15ft – 8 5/8" Span Pipe	1	659.82
HC-PB15A10	Alumi Boom 15ft – 10" Span Pipe	1	659.82



Rigid Hose Drop

Code	Description	Qty	List Price
HC-RHD0843	Rigid Hose Drop 84" – 3"	1	\$318.37
HC-RHD0844	Rigid Hose Drop 84" – 4"	1	318.37
HC-RHD08412	Rigid Hose Drop 84" – 4 1/2"	1	318.37
HC-RHD0845	Rigid Hose Drop 84" – 5"	1	318.37
HC-RHD0846	Rigid Hose Drop 84" – 6"	1	318.37
HC-RHD084658	Rigid Hose Drop 84" – 6 5/8"	1	318.37
HC-RHD0848	Rigid Hose Drop 84" – 8"	1	343.65
HC-RHD084858	Rigid Hose Drop 84" – 8 5/8"	1	343.65
HC-RHD08410	Rigid Hose Drop 84" – 10"	1	343.65

Note: Rigid hose drops (RHD) are designed to be mounted immediately adjacent to the span pipe outlet. If the RHD is moved from this location, a 'no-kink' kit will be required to complete the installation. All new RHD's shipped from NICA will include a No Kink kit as standard.

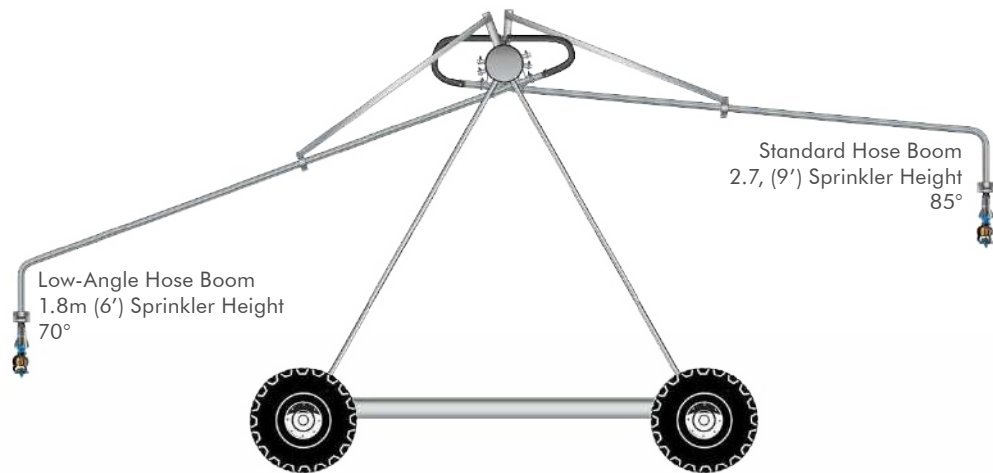
Code	Description	Qty	List Price
HC-RHDNKK	No-Kink Kit for Rigid Hose Drop	1	\$58.91



Boom Backs: Hose Boom

Code	Description	Qty	List Price
HC-PB15H3	Hose Boom 15ft – 3" Span Pipe	1	\$804.76
HC-PB15H4	Hose Boom 15ft – 4" Span Pipe	1	804.76
HC-PB15H412	Hose Boom 15ft – 4 1/2" Span Pipe	1	804.76
HC-PB15H5	Hose Boom 15ft – 5" Span Pipe	1	804.76
HC-PB15H6	Hose Boom 15ft – 6" Span Pipe	1	804.76
HC-PB15H658	Hose Boom 15ft – 6 5/8" Span Pipe	1	804.76
HC-PB15H8	Hose Boom 15ft – 8" Span Pipe	1	829.52
HC-PB15H858	Hose Boom 15ft – 8 5/8" Span Pipe	1	829.52
HC-PB15H10	Hose Boom 15ft – 10" Span Pipe	1	829.52

Note: Standard Hose Boom is designed for horizontal (85°) boom mounting, 2.7m sprinkler height.
For lower sprinkler mount height (70°) add 'LA' to the code above i.e. HC-PR15H4LA to achieve approximately 1.8m sprinkler height.



Boom Backs: Double Hose Boom

Code	Description	Qty	List Price
HC-PB30H3	Double Hose Boom 30ft – 3" Span	1	\$1,609.51
HC-PB30H4	Double Hose Boom 30ft – 4" Span	1	1,609.51
HC-PB30H412	Double Hose Boom 30ft – 4 1/2" Span	1	1,609.51
HC-PB30H5	Double Hose Boom 30ft – 5" Span	1	1,609.51
HC-PB30H6	Double Hose Boom 30ft – 6" Span	1	1,609.51
HC-PB30H658	Double Hose Boom 30ft – 6 5/8" Span	1	1,609.51
HC-PB30H8	Double Hose Boom 30ft – 8" Span	1	1,659.05
HC-PB30H858	Double Hose Boom 30ft – 8 5/8" Span	1	1,659.05
HC-PB30H10	Double Hose Boom 30ft – 10" Span	1	1,659.05





NEW

R65 VT & R65i VT: End Gun (Variable Torque)

Code	Description	Qty/Box	List Price
13771-001	R65 VT Body End Gun Rotator (w/o Nozzle)	9	\$793.12
13490-0xx	Nozzle Assembly MNPT - Black (Purple -x52 White -x56 Red -x60, Orange -x65 Yellow -x70, Green -x80, Blue -x90)	24	162.51
13490-1xx	Nozzle Assembly MBSP - Grey (Purple -x52 White -x56 Red -x60, Orange -x65 Yellow -x70, Green -x80, Blue -x90)	24	162.51
Complete R65 VT (Body & Nozzle Assembled)		9	955.63
13771-002	R65i VT Body End Gun Rotator (w/o Nozzle)	9	\$793.12
13490-0xx	Nozzle Assembly MNPT (Purple -x52 White -x56 Red -x60, Orange -x65 Yellow -x70, Green -x80, Blue -x90)	24	162.51
13490-1xx	Nozzle Assembly MBSP (Purple -x52 White -x56 Red -x60, Orange -x65 Yellow -x70, Green -x80, Blue -x90)	24	162.51
Complete R65i VT (Body & Nozzle Assembled)		9	955.63

Note: It is recommended that the Nelson End Sprinkler Adapter be used on all R65 VT and R65i VT installations.

Adapters

Code	Description	Qty/Box	List Price
13203-001	Adapter 2" MNPT x 1.25" FNPT	9	\$58.66
13203-002	Adapter 2" MBSP x 1.25" FBSP	9	58.66

R65 VT & R65i VT: Repair/Upgrade Kits

Code	Description	Qty/Box	List Price
13161	R65 VT Plate/Motor Kit (1 x R55 VT or R65 VT Blue Plate/Motor Assy, 1 x Retaining Ring)	1	\$588.00
13162	R65 VT Plate Kit (1 x R55 VT or R65 VT Blue Plate, 1 x Retaining Ring, 3 x Screws)	1	38.53
13163	R65i VT Plate/Motor Kit (1 x R55i VT or R65i VT Green Plate/Motor Assy, 1 x Retaining Ring)	1	588.00
13164	R65i VT Plate Kit (1 x R55i VT or R65i VT Green Plate, 1 x Retaining Ring, 3 x Screws)	1	38.53
12437	Old Style R55 Plate/Motor Kit (1 x Blue Plate/Motor Assy, 1 x Retaining Ring)	1	588.00
12438	Old Style R55 Plate Kit (1 x R55 Blue Plate, 1 x Retaining Ring, 3 x Screw - T10 Torx)	1	38.53
12654	Old Style R55i Plate/Motor Kit (1 x Grey Plate/Motor Assy, 1 x Retaining Ring)	1	588.00
12655	Old Style R55i Plate Kit (1 x R55i Grey Plate, 1 x Retaining Ring, 3 x Screw - T10 Torx)	1	38.53

R65 VT PERFORMANCE (METRIC UNITS)

Pressure (bar)	#52 Purple Nozzle		#56 White Nozzle		#60 Red Nozzle		#65 Orange Nozzle		#70 Yellow Nozzle		#80 Green Nozzle		#90 Blue Nozzle	
	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)
1.0	4.3	12.3	5.3	12.6	6.2	12.6	7.4	12.3	8.1	12.0	10.1	12.6	11.8	12.2
1.5	5.3	13.7	6.5	13.6	7.6	13.8	9.1	13.4	10.0	13.2	12.4	13.8	14.5	13.5
2.0	6.1	14.8	7.5	14.5	8.8	14.8	10.5	14.3	11.5	14.1	14.3	14.8	16.7	14.5
2.5	6.9	15.6	8.4	15.2	9.9	15.5	11.8	15.0	12.8	14.9	16.0	15.5	18.7	15.2
3.0	7.5	16.1	9.2	15.7	10.8	16.0	12.9	15.5	14.1	15.5	17.5	16.0	20.5	15.6
3.5	8.1	16.3	10.0	16.1	11.7	16.3	14.0	15.9	15.2	15.9	18.9	16.3	22.1	15.8
4.0	8.7	16.2	10.7	16.4	12.5	16.4	14.9	16.1	16.2	16.1	20.2	16.4	23.6	15.6

R65i VT PERFORMANCE (METRIC UNITS)

Pressure (bar)	#52 Purple Nozzle		#56 White Nozzle		#60 Red Nozzle		#65 Orange Nozzle		#70 Yellow Nozzle		#80 Green Nozzle		#90 Blue Nozzle	
	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)
1.0	4.3	11.7	5.3	11.6	6.3	11.3	7.4	10.9	8.1	10.9	10.1	10.6	11.8	10.0
1.5	5.3	12.6	6.5	12.5	7.6	12.3	9.1	12.1	10.0	12.0	12.4	11.7	14.5	11.3
2.0	6.1	13.4	7.5	13.3	8.8	13.1	10.5	13	11.5	12.9	14.3	12.6	16.7	12.2
2.5	6.9	13.9	8.4	13.9	9.9	13.8	11.8	13.7	12.8	13.5	16.0	13.2	18.7	12.9
3.0	7.5	14.2	9.2	14.4	10.8	14.3	12.9	14.2	14.1	14.0	17.5	13.6	20.5	13.4
3.5	8.1	14.4	10.0	14.7	11.7	14.7	14.0	14.4	15.2	14.3	18.9	13.7	22.1	13.6
4	8.7	14.4	10.7	14.9	12.5	14.9	14.9	14.4	16.2	14.3	20.2	13.5	23.6	13.5



R75 & R75LP: End Gun

Code	Description	Qty/Box	List Price
11936-001	R75 Body End Gun Rotator NPT (w/o Nozzle)	1	\$1,668.29
11936-002	R75LP Body (Low Pressure) End Gun Rotator NPT (w/o Nozzle)	1	1,668.29
11936-101	R75 Body End Gun Rotator - BSP (w/o Nozzle)	1	1,668.29
11936-102	R75LP Body (Low Pressure) End Gun Rotator - BSP (w/o Nozzle)	1	1,668.29
12178-0xx	7TN Nozzle (Beige -052, Red -056, Yellow -060, Green -064, Blue -068, White -072)	1	42.97

Note: It is recommended that the Nelson End Sprinkler Adapter be used on all R75 and R75LP installations, see page 18.

R75 & R75LP PERFORMANCE (METRIC UNITS)

Pressure (bar)		#52 Beige		#56 Red		#60 Yellow		#64 Green		#68 Blue		#72 White	
		Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)	Flow (m ³ /hr)	Radius (m)
R75LP	1.75	5.4	14.9	6.3	15.5	7.1	16.2	8.1	16.8	9.2	16.8	10.2	17.1
	2.00	5.8	15.5	6.7	16.2	7.6	16.5	8.7	17.4	9.8	17.4	10.9	17.7
	2.50	6.4	16.5	7.5	16.8	8.5	16.8	9.7	18.0	10.9	18.0	12.1	18.3
	2.75	6.8	16.5	7.8	17.1	9.0	17.1	10.2	18.0	11.5	18.3	12.7	18.6
R75	2.75	6.8	17.4	7.8	18.0	9.0	18.6	10.2	19.8	11.5	19.8	12.7	19.5
	3.00	7.1	17.7	8.2	18.3	9.4	18.9	10.6	20.1	12.0	20.1	13.3	19.8
	3.50	7.7	18.0	8.9	18.6	10.2	19.2	11.5	20.4	13.0	20.4	14.4	19.8
	4.00	8.2	18.0	9.5	18.9	10.9	19.8	12.3	21.0	13.9	20.7	15.4	20.4

Performance data has been obtained under ideal test conditions and may be adversely affected by wind, poor hydraulic entrance conditions or other factors.

End of Pivot Impact Sprinklers



Code	Description	Kg/Box	List Price
P65M	1" Male Part Circle with anti-backsplash arm and diffuser	1.7	\$1,227.67
7RN	Drive Nozzle for P65M		23.81
P85AS	1 1/4" Male Part Circle with single nozzle 18°	3.5	1,829.07
8DRN	Drive Nozzle for P85AS		58.13

End Gun Sprinklers

Code	Description	Kg/Box	List Price
SR75	Part Circle — Slow Reverse (18°)	10	\$3,703.05
TR75	Individual Taper Ring Nozzle — Specify Size		77.64
SR100	Part Circle — Slow Reverse (18°)	11	4,285.59
SRNV100E	SR100 Nozzle Valve w/Solenoid (110V or 24V) (18°)	16	6,990.40
SRNV100H	SR100 Nozzle Valve without Solenoid	16	6,366.85
SRNV100DP	SR100 Nozzle Valve w/ Delta P (less nozzle)		6,990.40
100T	Taper Bore Nozzle —Specify Size Plastic 100TR cap/body/nozzle	0.2	177.19
12700	Plastic 100 Taper Ring Cap & Body Assembly		78.79
12470-xxx	Plastic 100 Taper Ring Nozzles (12.7 mm-24 mm)		32.00

Note: Nozzle sold separately. Contact NICA for special "vaneless" waste-water options. For additional nozzles & accessories see page 48-49.

Purge Valve

Specify 1.5" MNPT (#10474) or
1.5" MBSP (#10474-001) \$2,529.78



APPLICATION: Install at the end of centre pivot systems for automatic flushing at start-up and shut-down — or, configure with an electric solenoid interfaced with the centre pivot for automatic flushing while system is operating.

Delta P

#12289 = \$705.60



The **Delta P** can be paired with the SRNV100 to improve reliability by eliminating the need for a costly solenoid. The Delta P automatically opens and closes the nozzle valve by sensing pressure upstream and downstream of the booster pump.



50Hz End Gun Booster Pump - Vertical Mount TEFC IP56 IE2



Code	Description	Qty/Box	List Price
HC-EGBP5015	1.5kW 50Hz End Gun Booster Pump - Flanged	1	\$4,543.68
HC-EGBP5022	2.2kW 50Hz End Gun Booster Pump - Flanged	1	4,543.68
HC-EGBP5037	3.7kW 50Hz End Gun Booster Pump - Flanged	1	5,679.90

Note: Hydro Connect Booster Pumps are available flanged, with companion flanges in NPT or BSP, or including a flanged mount kit. Nominate the desired connection by selecting the code suffix below. i.e. HC-EGBP5022MK250 includes 2 1/2" x 2" ANSI/DIN flanged mount kit.

End Gun Booster Pump Connection Suffix



Code	Description
	Without companion flanges or mount kit - leave blank
N	NPT Companion Flanges 2 1/2" x 2"
B	BSP Companion Flanges 2 1/2" x 2"
NB	NPT Suction BSP Delivery Companion Flanges 2 1/2" x 2"

End Gun Booster Pump Mount Kit Suffix



Code	Description
MK200	Mount Kit 2" x 2" ANSI/DIN
MK250	Mount Kit 2 1/2" x 2" ANSI/DIN

Note: For Hydro Connect HC-EGBP spare part kits refer to the Spare Parts Pricelist on the Nelson Australia website.

60Hz Impeller Kit

Code	Description	Qty/Box	List Price
HC-EGBP6022IK	2.2kW Impeller Kit for 60Hz Power Source	1	\$260.12
HC-EGBP6037IK	3.7kW Impeller Kit for 60Hz Power Source	1	338.19

Note: Hydro Connect Booster Pumps are configured for a 50Hz power source. If connected to a 60Hz power source a smaller diameter impeller must be fitted.

60Hz Operation

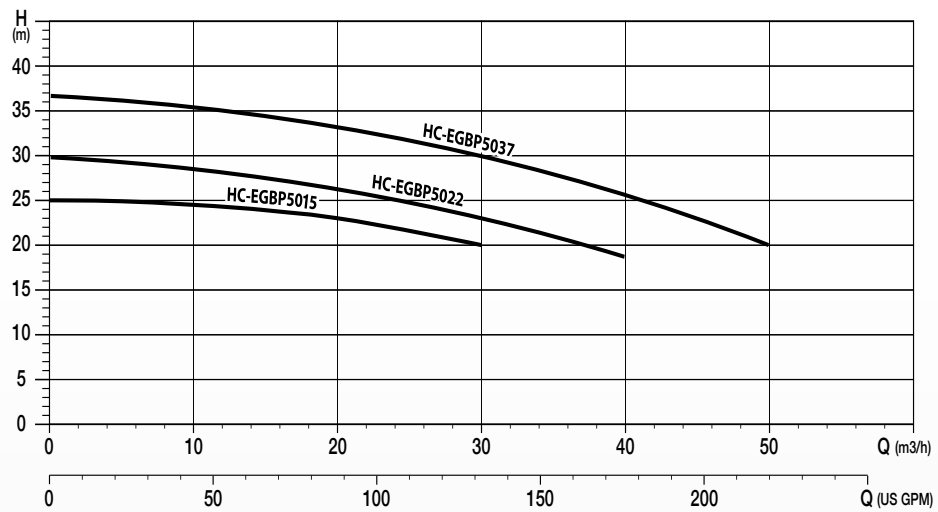
If a Hydro Connect 50Hz End Gun Booster Pump is to be connected to a 60Hz power source, a smaller diameter impeller must be fitted:

EGBP Model	Impeller for 50 Hz Power Source		Impeller for 60 Hz Power Source	
	size	Parts Code	size	Parts Code
HC-EGBP5015	140mm	HC-EGB6037IK	125mm	HC-EGB6022IK
HC-EGBP5022	152mm	HC-EGB5022IK	125mm	HC-EGB6022IK
HC-EGBP5037	169mm	HC-EGB5037IK	140mm	HC-EGB6037IK

In addition to the impeller change, the terminal block for the HC-EGBP5037 3.7kW will need to be configured from Delta to Star connection.

END GUN NOZZLE FLOW			BOOST PRESSURE & CURRENT DRAW								
			HC-EGBP5015			HC-EGBP5022			HC-EGBP5037		
m3/hr	LPS	US GPM	M	PSI	Amps @415 V	M	PSI	Amps @415 V	M	PSI	Amps @415 V
0.0	0.0	0	24.8	35	3.1	29.7	42	3.6	36.6	52	4.1
5.0	1.4	22	24.7	35	3.4	29.1	42	4.1	35.8	51	4.6
10.0	2.8	44	24.2	35	3.7	28.4	41	4.4	35.0	50	5.1
15.0	4.2	66	23.7	34	4.1	27.5	39	4.8	34.1	49	5.8
20.0	5.6	88	22.8	33	4.4	26.4	38	5.2	33.0	47	6.4
25.0	6.9	110	21.5	31	4.7	25.0	36	5.6	31.6	45	6.9
30.0	8.3	132	19.8	28	4.9	23.2	33	5.9	30.2	43	7.3
35.0	9.7	154	-	-	-	21.2	30	6.1	28.1	40	7.7
40.0	11.1	175	-	-	-	18.7	27	6.2	26.1	37	8.1
45.0	12.5	197	-	-	-	-	-	-	23.6	34	8.2
50.0	13.9	219	-	-	-	-	-	-	19.8	28	8.3

SUGGESTED MAX END GUN NOZZLE	0.6" 15.2mm	0.8" 20.3mm	1" 25.4mm
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EGBP-800P - 2" (50mm) Pivot End Gun Booster Pump Valve

	Description	List Price
13410	HC-EGBP800P End Gun Valve, with stud kit	\$1,165.59



EGBP-1000P - 2" (50mm) Pivot End Gun Booster Pump Valve

	Description	List Price
13411	HC-EGBP1000P End Gun Valve, with stud kit	\$459.09

Included with Pivot End Gun Valve:
5/8" Stud Kit - 4 x Studs and 8 x nuts, Upstream tube fitting for Pressure Switch connection, 9800-100 Rubber Drain and 10752 Ball Drain/Vent.
Solenoid at tower - Not Included

Note: The End Gun Booster Pump Valve fits between the pump discharge flange and the stainless steel companion flange. The companion flanges are not included with the End Gun Booster Pump Valve, they are included with the booster pump.



800P - 2" (50mm) Pivot End Gun Valve

Code	Description	Qty/Box	List Price
13271-001	800P End Gun Valve, A2B11C3, with stud kit	1	\$1,165.59



1000P - 2" (50mm) Pivot End Gun Valve

Code	Description	Qty/Box	List Price
12254-0001	1000P End Gun Valve, with stud kit	1	\$459.09

Included with Pivot End Gun Valve:
10142-101 Stud Kit - 4 x Studs and 8 x nuts, Upstream tube fitting for Pressure Switch connection, 9800-100 Rubber Drain and 10753 Ball Drain/Vent.
Solenoid at tower - Not Included

**2" End of Pivot Valve for R55, R55i, R75 & R75LP**

Code	Description	List Price
12254-0037*	1000P-X Series Valve Electric on/off 2" NPT	\$862.65
12254-0036	1000P-R Series Valve Pressure Regulating 2" NPT	1,779.86
12254-0038*	1000P-RX Series Valve Pressure Regulating, Electric on/off 2" NPT	1,895.79

Note: Valves can be fitted with BSP inlet/NPT outlet to suit BSP span outlet, add 'BN' to the code above e.g. 12254-0036BN. For BSP inlet and outlet add 'B' to the above e.g. 12254-0037B

Model	Valve Function	Internal Filter	Rubber Drains QTY 2	On/off	Press. Reg. Adjust. Range (psi)	Metal Connections (FNPT)
1000P-X*	Electric on/off by solenoid located at pivot tower box*	—	✓	solenoid at tower*	—	2" NPT
						2" BSP/NPT
1000P-R	Pressure regulating only. No on/off control.	✓	✓	—	5-60	2" NPT
						2" BSP/NPT
1000P-RX*	Pressure regulating with electric on/off by solenoid located at pivot tower box*	✓	✓	solenoid at tower*	5-60	2" NPT
						2" BSP/NPT

Note: *1000P-X and 1000P-RX models have electric on/off capability, but do not include a solenoid. The solenoid is provided by others and typically is located at the last tower on the pivot.



End of Pivot Mount Kits for 2"NPT Span Outlet for R55, R55i, R75 & R75LP

Code	Description	List Price
HC-EGMK20006	2" (50NB) NPT Upright or Inverted Mount Kit - 6" (150mm) Riser/Dropper Length	\$197.62
HC-EGMK20036	2" (50NB) NPT Upright or Inverted Mount Kit - 36" (900mm) Riser/Dropper Length	618.96
HC-EGMK20060	2" (50NB) NPT Upright or Inverted Mount Kit - 60" (1500mm) Riser/Dropper Length	883.93
HC-EGMK200TW	2" (50NB) NPT Upright Twin Mount End of Pivot Sprinklers	983.86
Note: Add 'B' for 2" BSP span outlet mounting kits. E.g. HC-EGMK20006B		

Additional Mount Kits

Code	Description	List Price
HC-EGMK200UP	2" (50NB) NPT Additional Kit for Upright Mount on a Drop Mount (R55, R75, R75LP)	\$204.12
HC-EGMK200DR	2" (50NB) NPT Additional Drain Kit for Upright Mount - 1" NPT Drain	232.31

Mount Kit Fittings

Code	Description	List Price
HC-PDR100	1" (25NB) NPT Drain	\$66.77
12940	2" (50NB) BSPF x ANSI Flange adapter, metal	122.96
10356	2" (50NB) NPTF x ANSI Flange adapter, metal	122.96
13203-001	Sprinkler Adapter, Black, 2" MNPT x 1.25" FNPT	58.66
13203-002	Sprinkler Adapter, Grey, 2" MBSP x 1.25" FBSP	58.66
HC-SN200B	2" (50NB) BSP Galv Barrel Nipple	20.48
HC-SN200	2" (50NB) NPT Galv Barrel Nipple	20.48
HC-SN250	2½" (65NB) NPT Galv Barrel Nipple	63.12
HC-SE200	2" (50NB) NPT Galv 90 Deg Elbow	75.20
HC-ST200	2" (50NB) NPT Galv Tee	109.42
HC-SRS200125	2 x 1¼" (50 x 32NB) NPT Galv Reducing Socket	64.73
HC-SRB200100	2 x 1" (50 x 25NB) NPT Galv Reducing Bush	47.81
HC-SRB250200	2½ x 2" (65 x 50NB) NPT Galv Reducing Bush	68.38
HC-SP20006	2" (50NB) NPT 6" (150mm) Long Galv Pipe SBE	41.46
HC-SP20036	2" (50NB) NPT 36" (900mm) Long Galv Pipe SBE	455.22
HC-SP20060	2" (50NB) NPT 60" (1500mm) Long Galv Pipe SBE	739.14



STANDARD **12890-XXXX**FLOW CONTROL **12891-XXXX****BLUE PLATE**

Without Deflector

Tab = **21**

With Deflector

Tab = **22****PURPLE PLATE**

Without Deflector

Tab = **23**

With Deflector

Tab = **24****BLACK PLATE**

Without Deflector

Tab = **25**

With Deflector

Tab = **26****TAN PLATE**

Without Deflector

Tab = **27**

With Deflector

Tab = **28****NOZZLE**

*30 Black
 *35 Orange
 *40 Blue
 *45 Purple
 *50 Green
 *55 Yellow
 *60 Light Red
 *65 Gray
 *70 White
 *78 Dk. Blue

7FC NOZZLE

*09 (8.5) GPH
 Orange
 *11 GPH Blue
 *14 GPH Purple
 *18 GPH Yellow
 *24 GPH Red

STANDARD **13439-XXXX**FLOW CONTROL **13440-XXXX****DEFLECTOR PLATE**Red = **01**

3' (0.9 m) Radius with
 8" Mounting Height

PRESSURE IN BAR

	1.0	1.5	2.0	2.5	3.0	3.5
Nozzle	LPH	LPH	LPH	LPH	LPH	LPH
#35 Orange				45	49	54
#40 Blue	35	43	50	56	62	67
#45 Purple	45	55	64	72	79	85
#50 Green	54	67	77	87	95	103
#55 Yellow	65	80	93	105	115	124
#60 Light Red	79	97	113	126	139	150
#65 Grey	102	126	146	164	180	195
#70 White	119	146	169	190	208	226
#78 Dark Blue	151	186	215	241	265	287
8.5 Orange 7FC*	31	33	34	33	32	29
11 Blue 7FC*	42	45	43	40	37	37
14 Purple 7FC*	54	56	55	52	50	49
18 Yellow 7FC*	67	71	69	66	65	66
24 Red 7FC*	88	95	98	94	84	89

PLATE DESCRIPTIONS:

(Please see the S7 Literature for recommended pressures.)

BLUE: Greatest throw radius, recommended with all nozzles except #30 and #35.**PURPLE:** For low pressure and low flow, recommended with only #30, #35, and 8.5 FC nozzles.**BLACK:** Short radius and flat trajectory, use with #30 to #60, and 8.5, 11, 14, 18 and 24 FC nozzles.**TAN:** Short radius and flat trajectory, use with #35 to #55, and 8.5, 11, 14, 18, and 24 FC nozzles



Spinner: S7

Code	Description	Qty/Box	List Price
12890-xxxx	S7 Assembly including Plate & Nozzle	200	\$4.09
12891-xxxx	S7 Assembly including Plate & FC Nozzle	200	4.87



Spray: J7

Code	Description	Qty/Box	List Price
13439-01xx	J7 Assembly including Plate & Nozzle 0.9m radius, 200mm mounting height	200	\$3.27
13440-01xx	J7 Assembly including Plate & FC Nozzle 0.9m radius, 200mm mounting height	200	4.11



NEW Rotator: R7

Code	Description	Qty/Box	List Price
13751-10xxx	R7 Assembly including Plate & Nozzle	200	\$10.28
13752-10xxx	R7 Assembly including Plate & FC Nozzle	200	11.20



Micro Adapters

Code	Description	List Price
13064-001	QC x 1/2 MNPT	\$1.22
13064-002	QC x 3/8 MNPT	1.22
12972	QC x Acme with Screen	1.74
12929	QC x Acme without Screen	0.93
12882-001	Adapter for SuperNet Stake	0.99

Stream Splitter
1-Sided
#13149
List Price \$1.33



Stream Splitter
2-Sided
#13150
List Price \$1.33



Trellis Clip
#13862
List Price \$0.77



UQC-5 Adapter

#12990-001
List Price \$1.27

UQC-4 Adapter

#12990-002
List Price \$1.18



4 & 5 mm Feedtube Options for the S7, J7 & R7



16" QC (4 mm) Feedtube Assembly

Code	Description	List Price
12981-002	QC Stake QC to 4mm Tubing	\$1.70
9960-930	Tubing Assembly, Flexible, 4mm x 30" (76cm) with LTO	2.08
9960-948	Tubing Assembly, Flexible, 4mm x 48" (122 cm) with LTO	3.01
12983-030	QC4 Stake & Tube Assembly, 16" Stake x 30" 4mm tubing	3.01
12983-048	QC4 Stake & Tube Assembly, 16" Stake x 48" 4mm tubing	3.63



16" QC (5 mm) Feedtube Assembly

Code	Description	List Price
12981-001	QC Stake QC to 5mm Tubing	\$1.70
11283-030	Tubing Assy, Flexible, 5 mm x 30" with LTO	2.53
11283-048	Tubing Assy, Flexible, 5 mm x 48" with LTO	3.62
11283-072	Tubing Assy, Flexible, 5 mm x 72" with LTO	4.72
12982-030	QC5 Stake & Tube Assembly, 16" Stake x 30" 5mm tubing	3.86
12982-048	QC5 Stake & Tube Assembly, 16" Stake x 48" 5mm tubing	4.62
12982-072	QC5 Stake & Tube Assembly, 16" Stake x 72" 5mm tubing	5.63



1/2" PVC-4 UQC (4 mm) Feedtube Assembly

Code	Description	List Price
12990-002	QC to 4mm Tubing Adapter for PVC-4	\$1.18
9960-930	Tubing Assembly, Flexible, 4mm x 30"(76cm) with LTO	2.08
9960-948	Tubing Assembly, Flexible, 4mm x 48" (122 cm) with LTO	3.01
13092-030	UQC-4, Adapter & LTO ASSY 4 mm x 30" (76 cm) Tube	3.04
13092-048	UQC-4, Adapter & LTO ASSY 4 mm x 48" (122 cm) Tube	3.67
11259-216	Stake, PVC with hole, 1/2" x 16" (40 cm)	5.61
11259-222	Stake, PVC with hole, 1/2" x 22" (56 cm)	7.44
13090-21630	1/2" PVC-4 QC 16" Stake x 4 mm x 30" (76 cm) Tubing	8.94
13090-22230	1/2" PVC-4 QC 22" Stake x 4 mm x 30" (76 cm) Tubing	10.48
13090-21648	1/2" PVC-4 QC 16" Stake x 4 mm x 48" (122 cm) Tubing	9.50



1/2" PVC-5 UQC (5 mm) Feedtube Assembly

Code	Description	List Price
12990-001	QC to 5mm Tubing Adapter for PVC-5	\$1.27
11283-030	Tubing Assembly, Flexible, 5mm x 30"(76cm) with LTO	2.53
11283-048	Tubing Assembly, Flexible, 5mm x 48"(122cm) with LTO	3.62
13091-030	UQC-5 Feedtube Assy x 30" Tubing	3.31
13091-048	UQC-5 Feedtube Assy x 48" Tubing	4.87
11259-216	Stake, PVC with hole, 1/2" x 16" (40 cm)	5.61
11259-222	Stake, PVC with hole, 1/2" x 22" (56 cm)	7.44
13089-21630	1/2" PVC-5 UQC, 16" Stake x 5mm x 30" Tubing	10.29
13089-22230	1/2" PVC-5 UQC, 22" Stake x 5mm x 30" Tubing	12.01
13089-22248	1/2" PVC-5 UQC, 22" Stake x 5mm x 48" Tubing	12.54

4 & 5 mm Feedtube Options for the S7, J7, R7



Universal Quick Connect 4 & 5 mm Tubing Assembly

Code	Description	List Price
13092-012	UQC-4, 4mm x 12" tubing	\$2.51
13092-018	UQC-4, 4mm x 18" tubing	2.66
13092-024	UQC-4, 4mm x 24" tubing	2.85
13092-030	UQC-4, 4mm x 30" tubing	3.04
13092-048	UQC-4, 4mm x 48" tubing	3.67
13091-030	UQC-5, 5mm x 30" tubing	3.31
13091-048	UQC-5, 5mm x 48" tubing	4.87
13091-072	UQC-5, 5mm x 72" tubing	7.50

Hanging Bracket

Code	Description	List Price
13395	S7 Hanging Bracket	\$1.51

Universal Rod Stake

Code	Description	List Price
13608	Universal Rod Stake Adaptor for 6 & 8 mm Rod Stakes	\$0.81
13092-030	UQC-4, 4mm x 30" tubing	3.04
13092-048	UQC-4, 4mm x 48" tubing	3.67
9726-024	Stake Steel, 1/4" (6.3mm) x 24" (61 cm)	4.50
10040-024	Stake Fiberglass, 1/4" (6.3 mm) x 24" (61 cm)	4.01

Note: Rod stake option requires Universal Rod Stake Adapter (13608) and Steel or Fibreglass Stake plus a UA-4 or UQC-5 Universal Feed Tube Assembly

ACCESSORIES

4mm Tubing 200m (656') Coil #10081-656 List Price \$308.12 	5mm Tubing 150m (492') Coil #9284-492 List Price \$294.20 	4mm Tubing 305m (1000') Coil #10081-002 List Price \$470.27 	5mm Tubing 305m (1000') Coil #9284 List Price \$526.79 
LTO, Barb x Barb (4mm) #10080 List Price \$0.52 	LTO, Barb x Barb (5mm) #12023 List Price \$0.89 	LTO, Barb x Barb (4mm x 5mm) #13142 List Price \$0.52 	Hand Punch Tool 4mm (Green) #10997 List Price \$35.56 
Goof Plug 4 x 5mm (order in 6s) #13435 List Price \$0.47 	Tubing Guide Tool #13784 Call 	S7 Stake Tool QC4, QC5, FT3 #13429 List Price: \$190.55 	Hand Punch Tool 5mm (Red) #9349 List Price \$35.56 
Universal Steel Stake Installation #14000 Call 			

R5



Code	Description	Qty/Box	List Price
9836-xxx	R5 Assembly including Plate & Nozzle	1,000	\$10.70
9836-xxx	R5 Assembly including Plate & FC Nozzle	1,000	11.61

Note: Specify plates and nozzles from list below.

R5 & R5FC



Plate Nozzle: #35 Orange
#40 Blue
#45 Purple
#50 Green
#55 Yellow

#9836-XXX

Plate:

Green = 1
Wine = 2
Blue = 3

For Flow Control use:

#09 for 32 LPH (8.5 GPH)
#11 for 41 LPH (11 GPH)
#14 for 53 LPH (14 GPH)
#18 for 68 LPH (18 GPH)
#24 for 90 LPH (24 GPH)

ACCESSORIES

R5 Deflector Cap

#10951
List Price \$0.99

R5 Stream Splitter
1-Sided

#10746
List Price \$2.16

R5 Stream Splitter
2-Sided

#10976
List Price \$1.59



ACME x Drip Fitting

#12431
List Price \$1.93

R5 Installation
Tool

#11108
List Price \$69.20

10mm (3/8) BSP
Male x R5 Adapter

#HC-ADPM10J
List Price \$2.15

Female ACME x R5
Adapter

#10616
List Price \$1.72



Adapter Options for R5 (with #10616), R10, R10T

Acme thread

MNPT
Adapter

3/8" - #9465
1/2" - #9316-002
3/4" - #9466
List Price \$3.37

PVC
Adapter

1/2" - #10060-001
3/4" - #10060-002
List Price \$2.98



Threaded Cap
for Acme Adapter
#10615
List Price \$2.84



Female Acme
x 1/2" PVC Spigot
#10352
List Price \$2.89

R10LP, R10 & R10T (Turbo)



Code	Description	Qty/Box	List Price
	R10LP/R10/R10T Body Assembly — Less Nozzle & Plate	300	\$11.15
	Plate — P2 9°, P4 9°, P4 15°, P6 9° Flat (Snail) or P6 15°	300	2.85
	Plate — P8 15° or P8 24°	300	5.18
9306-xxx	2TN Nozzle	500	1.20
	Total with Body, Plate & 2TN Nozzle (Specify 3/8", 1/2" or Acme)	400	15.19
	Total with Body, P8 15° or P8 24° Plate & Nozzle	400	17.52
	Total with Body, Plate & 10 FC Nozzle (Specify 1/2" or Acme)	400	17.52
	Total with Body, P8 15° or P8 24° Plate & 10 FC Nozzle	400	19.78
	MNPT Adapter (Male Acme x 3/8", 1/2" or 3/4")	2,000	3.37
	PVC Adapter (Male Acme x 1/2" or 3/4")		2.98

Note: Specify plates and nozzles from list below.



R10

Thread Plate Nozzle

#9913-XXXX

Thread:		Plate:	
3/8" MNPT	= 0	Red	= 1
1/2" MNPT	= 1	White	= 2
Acme Female	= 2	Orange	= 7



R10T

Thread Plate Nozzle

#9914-XXXX

Thread:		Plate:	
3/8" MNPT	= 0	Blue	= 3
1/2" MNPT	= 1	Purple	= 4
Acme Female	= 2	Brown	= 5
		Gold	= 6

PLATE OPTIONS	NOZZLE OPTIONS	FLOW @ 2.5 BAR
P2  9° Red #9460	 Lt. Blue #40 #9306-040	64.7 LPH
	 Lt. Purple #45 #9306-045	80.6
	 Dk. Green #50 #9306-050	99.4
	.35 10FC** .43 10FC**	79.5 98.0
P4  9° White #9208	 Dk. Green #50 #9306-050	99.4
	 Lt. Yellow #55 #9306-055	120
	 Lt. Red #60 #9306-060	141
 15° Orange #10882	.50 10FC**	114

** Use #9587-xxx. Call NICA for part numbers

PLATE OPTIONS		NOZZLE OPTIONS	FLOW @ 2.5 BAR																
NEW P6  9° Blue #9350  9° Light Blue Flat (Snail)  15° Purple #9723 <tr><td>  Grey #65 / #8.3 #9306-065 </td><td>166 LPH</td></tr> <tr><td>  White #70 / #9 #9306-070 </td><td>192</td></tr> <tr><td>  Dk. Blue #78 / #10 #9306-078 </td><td>242</td></tr> <tr><td> .75 10FC** 1.0 10FC** </td><td>170 227</td></tr> <tr><td rowspan="6"> P8  15° Gold #10684  24° Brown #10601 </td><td>  Orange #86 / #11 #9306-086 </td><td>294</td></tr> <tr><td>  Purple #94 / #12 #9306-094 </td><td>347</td></tr> <tr><td>  Yellow #102 / #13 #9306-102 </td><td>411</td></tr> <tr><td> 1.25 10FC** 1.50 10FC** </td><td>284 341</td></tr> <tr><td colspan="2">Dk. Blue #78 / #10 and 1.0 10FC for use with P8 24° plate only.</td></tr>	 Grey #65 / #8.3 #9306-065	166 LPH	 White #70 / #9 #9306-070	192	 Dk. Blue #78 / #10 #9306-078	242	.75 10FC** 1.0 10FC**	170 227	P8  15° Gold #10684  24° Brown #10601	 Orange #86 / #11 #9306-086	294	 Purple #94 / #12 #9306-094	347	 Yellow #102 / #13 #9306-102	411	1.25 10FC** 1.50 10FC**	284 341	Dk. Blue #78 / #10 and 1.0 10FC for use with P8 24° plate only.	
	 Grey #65 / #8.3 #9306-065	166 LPH																	
	 White #70 / #9 #9306-070	192																	
	 Dk. Blue #78 / #10 #9306-078	242																	
	.75 10FC** 1.0 10FC**	170 227																	
P8  15° Gold #10684  24° Brown #10601	 Orange #86 / #11 #9306-086	294																	
	 Purple #94 / #12 #9306-094	347																	
	 Yellow #102 / #13 #9306-102	411																	
	1.25 10FC** 1.50 10FC**	284 341																	
	Dk. Blue #78 / #10 and 1.0 10FC for use with P8 24° plate only.																		

** Use #9587-xxx. Call NICA for part numbers



R10LP

Thread Plate Nozzle
#14029-XXXX

Thread:
3/8" MNPT = 0
1/2" MNPT = 1
Acme Female = 2

Plate:
Green = 1

PLATE OPTIONS	NOZZLE OPTIONS	FLOW @ 1.75 BAR
P6  15° Green #13917	 Dk. Blue #10 #9306-078	201 LPH
	 Orange #11 #9306-086	245
	 Purple #12 #9306-094	290

Accessories

R10 Road Guard
Low Angle
(Red)
#9590-030
List Price \$14.08



R10 Road Guard
High Angle
(Orange)
#9879
List Price \$14.08



2TN Nozzle
Remover Tool
#10634
List Price \$80.45



R10 Stream Splitter
1-Sided
#11285
List Price \$2.00



R10 Stream Splitter
2-Sided
#11275
List Price \$2.63





R2000FX

Code	Description	Qty/Box	List Price
13223-xxxx	R2000FX, Rotator with FC Nozzle w/o Adapter		\$29.21
	MNPT Adapter (Male Acme x 1/2" or 3/4")	2,000	3.37
Total with Nozzle & MNPT Adapter			32.58
	PVC Adapter (Male Acme x 1/2" or 3/4")		2.98

NEW

Code	Description	Qty/Box	List Price
14023-xxxx	R2000FX, Rotator with FC Nozzle 1/2" Male Thread		\$29.21

R2000FX Performance

		METRIC UNITS (FLOW IN LPH)							
	R2000FX ACME	R2000FX 1/2" MNPT	FLOW (LPH)	RADIUS (M)	STREAM HT. (CM)	PRESSURE (BAR)			
	13223-xxxx	140023-xxxx				1.5	1.75	2.0	2.5
12° PURPLE	-2100		227	8.0 - 8.3	94 - 104	220	220	218	212
	-2125		284	8.7 - 9.2	97 - 113	275	276	274	266
	-2150		341	9.0 - 9.5	99 - 112	332	332	331	326
	-2175		397	9.0 - 9.2	99 - 118	386	389	390	385
15° RED	-5100		227	8.7 - 8.9	101 - 124	220	220	218	212
	-5125		284	8.9 - 9.6	106 - 127	275	276	274	266
	-5150		341	9.3 - 9.8	111 - 130	332	332	331	326
	-5175		397	9.2 - 10.5	116 - 134	386	389	390	385
24° GRAY	-7100		227	9.9 - 10.1	145 - 170	220	220	218	212
	-7125		284	10.5 - 10.7	153 - 187	275	276	274	266
	-7150		341	10.2 - 10.7	161 - 189	332	332	331	326
24° BLUE	-7175		397	10.8 - 11.1	208 - 258	386	389	390	385
	-7200		454	10.7 - 11.3	214 - 256	443	446	446	439
	-7250		568	11.2 - 11.6	217 - 267	543	548	550	546
	-7300		681	11.6	229 - 269	662	668	670	661

ROTATORS



Male Acme x
MNPT Adapter
1/2" 9316-002
3/4" 9466

PVC



PVC Adapter
Male Acme x Slip
1/2" 10060-001
3/4" 10060-002

PVC



Stake Adapter
#11429

3/4" PVC



PVC Female
Adapter

R2000FX with Male
connection mounts
directly into a 1/2"
FNPT fitting.



R2000

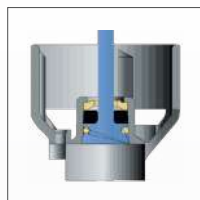


Code	Description	Qty/Box	List Price
9422-xxx	Cap Assembly Only — Less Plate	125	\$26.02
9516-xxx	Plate (K1 to K5)	500	5.34
10519-xxxx	Cap Assembly w/ Plate (Assembled)		31.36
9155	2T Body (Female Acme Thread)	625	4.14
9306-xxx	2TN Nozzle (Nozzle options #8.3 to #16)	500	1.20
10533-xxx	2T Body w/ 2TN Nozzle (Assembled)		5.34
9223-xxx	2000FC Nozzle Body (Female Acme Thread)	500	10.20
11991-xxxx	Total with 2TN Nozzle		36.69
11992-xxxx	Total with 2000FC Nozzle		41.56
	MNPT Adapter (Male Acme x 3/8", 1/2" or 3/4")	2,000	3.37
	Total with 2TN Nozzle & MNPT Adapter		40.06
	Total with 2000FC Nozzle & MNPT Adapter		44.93
	PVC Adapter (Male Acme x 1/2" or 3/4")		2.98

Note: Specify Plate and Nozzle when ordering.



Cap Assy w/ Plate
#10519-xxxx



Body Assy w/
FC Nozzle
#9223-xxx



Body Assy w/
Nozzle
#10533-xxx

**Adapter Options
for R2000**
Acme thread

**MNPT
Adapter**

3/8" - #9465
1/2" - #9316-002
3/4" - #9466
List Price \$3.37

**PVC
Adapter**

1/2" - #10060-001
3/4" - #10060-002
List Price \$2.98

	PLATE	CAP ASSEMBLY W/ PLATE	NOZZLE	NOZZLE & BODY ASSY	ASSEMBLED CAP, BODY & NOZZLE	FLOW IN LPH @ 3 BAR
	K1 6° Cream 9516-106	10519-1106	Grey #8.3 0.85 2000FC	9306-065 9223-085	10533-008 11991-0108 11992-0108	183 193
	K2 6° Light Blue 9516-206	10519-1206	White #9 Blue #10 1.0 2000FC	9306-070 9306-078 9223-100	10533-009 10533-010 11991-0209 11991-0210 11992-0210	210 266 227
	K2 9° Green 9516-209	10519-1209	Grey #8.3 White #9 Blue #10 0.85 2000FC 1.0 2000FC	9306-065 9306-070 9306-078 9223-085 9223-100	10533-008 10533-009 10533-010 11991-0308 11991-0309 11991-0310 11992-0308 11992-0310	183 210 266 193 227
	K2 15° Yellow 9516-215	10519-1215	Grey #8.3 White #9 Blue #10 0.85 2000FC 1.0 2000FC	9306-065 9306-070 9306-078 9223-085 9223-100	10533-008 10533-009 10533-010 11991-0408 11991-0409 11991-0410 11992-0408 11992-0410	183 210 266 193 227
	K3 9° Brown 9516-309	10519-1309	Orange #11 Purple #12 1.25 2000FC 1.5 2000FC	9306-086 9306-094 9223-125 9223-150	10533-011 10533-012 11991-0511 11991-0512 11992-0512 11992-0515	323 380 284 341
	K3 15° Red 9516-315	10519-1315	Orange #11 Purple #12 1.25 2000FC 1.5 2000FC	9306-086 9306-094 9223-125 9223-150	10533-011 10533-012 11991-0611 11991-0612 11992-0612 11992-0615	323 380 284 341
	K3 24° Grey 9516-324	10519-1324	Orange #11 Purple #12 1.25 2000FC 1.5 2000FC	9306-086 9306-094 9223-125 9223-150	10533-011 10533-012 11991-0711 11991-0712 11992-0712 11992-0715	323 380 284 341
	K4 6° Turquoise 9516-406	10519-1406	Yellow #13 Green #14 1.5 2000FC 2.0 2000FC	9306-102 9306-109 9223-150 9223-200	10533-013 10533-014 11991-0813 11991-0814 11992-0815 11992-0820	451 509 341 454
	K4 9° Purple 9516-409	10519-1409	Yellow #13 Green #14 1.5 2000FC 2.0 2000FC	9306-102 9306-109 9223-150 9223-200	10533-013 10533-014 11991-0913 11991-0914 11992-0915 11992-0920	451 509 341 454
	K4 12° Wine 9516-412	10519-1412	Yellow #13 Green #14 1.5 2000FC 2.0 2000FC	9306-102 9306-109 9223-150 9223-200	10533-013 10533-014 11991-1013 11991-1014 11992-1015 11992-1020	451 509 341 454
	K4 15° Gold 9516-415	10519-1415	Yellow #13 Green #14 1.5 2000FC 2.0 2000FC	9306-102 9306-109 9223-150 9223-200	10533-013 10533-014 11991-1113 11991-1114 11992-1115 11992-1120	451 509 341 454
	K4 24° Black 9516-424	10519-1424	Yellow #13 Green #14 1.5 2000FC 2.0 2000FC	9306-102 9306-109 9223-150 9223-200	10533-013 10533-014 11991-1213 11991-1214 11992-1215 11992-1220	451 509 341 454
	K5 9° Orange 9516-509	10519-1509	Tan #15 Red #16 2.5 2000FC	9306-117 9306-125 9223-250	10533-015 10533-016 11991-1315 11991-1316 11992-1325	597 685 568
	K5 15° Tan 9516-515	10519-1515	Tan #15 Red #16 2.5 2000FC	9306-117 9306-125 9223-250	10533-015 10533-016 11991-1415 11991-1416 11992-1425	597 685 568
	K5 24° Blue 9516-524	10519-1524	Tan #15 Red #16 2.5 2000FC	9306-117 9306-125 9223-250	10533-015 10533-016 11991-1515 11991-1516 11992-1525	597 685 568

R2000WF & R2000LP (Low Pressure)



Code	Description	Qty/Box	List Price
	Cap Assembly Only — Less Plate	125	\$26.02
	Plate (WF10 to WF20)	500	5.34
10299-xxx	Cap Assembly w/ Plate - Assembled		31.36
9920	WF Body (Female Acme Thread)	625	4.14
9306-xxx	2TN Nozzle (Nozzle options #10 to #20)	500	1.20
9920-0xx	WF Body w/ 2TN Nozzle - Assembled		5.34
	Total with 2TN Nozzle		36.69
	MNPT Adapter (Male Acme x 3/8", 1/2" or 3/4")	2,000	3.37
	Total with 2TN Nozzle & MNPT Adapter		40.06
	PVC Adapter (Male Acme x 1/2" or 3/4")		2.98

Note: Specify Plate and Nozzle when ordering.
R2000LP (Low Pressure) now has easy to identify green cap.

ROTATORS



Cap Assy w/ Plate
WF = #10299-1xx
LP = #10299-2xx



Body Assy w/ Nozzle
#9920-0xx

PLATE	NOZZLES		NOZZLE DIAM. IN INCHES	COMPLETE R2000WF CAP & BODY ASSY	WF MOTOR COLOUR	COMPLETE R2000LP CAP & BODY ASSY	LP MOTOR COLOUR	FLOW IN LPH @ 3.5 BAR
 WF10 Blue 12113	 Blue #10	9306-078	5/64	9928-1010	 Purple	9929-1010	 Green	286
 WF12 Purple 10452	 Orange #11	9306-086	11/128	9928-1211	 Ivory	9929-1211	 Green	350
	 Purple #12	9306-094	3/32	9928-1212	 Ivory	9929-1212	 Green	412
 WF14 Green 9877	 Yellow #13	9306-102	13/128	9928-1413	 Ivory	9929-1413	 Purple	487
	 Green #14	9306-109	7/64	9928-1414	 Ivory	9929-1414	 Purple	550
 WF16 Red 9931	 Tan #15	9306-117	15/128	9928-1615	 Ivory	9929-1615	 Purple	647
	 Red #16	9306-125	1/8	9928-1616	 Ivory	9929-1616	 Purple	739
 WF18 Yellow 9870	 Gold #18	9306-141	9/64	9928-1818	 Ivory	9929-1818	 Purple	940
 WF20 Brown 9878	 Brown #20	9306-156	5/32	9928-2020	 Gold	9929-2020	 Purple	1144

Adapter Options for R2000WF/LP

Acme thread



**MNPT
Adapter**
3/8" - #9465
1/2" - #9316-002
3/4" - #9466
List Price \$3.37



**PVC
Adapter**
1/2" - #10060-001
3/4" - #10060-002
List Price \$2.98



PC-R2000WF & PC-R2000LP

Code	Description	List Price
10242-xxxx	PC-R2000WF - Cap & Plate Assembly, Body & Nozzle Assembly, Road Guard	\$53.33
11296-xxxx	PC-R2000LP - Cap & Plate Assembly, Body & Nozzle Assembly, Road Guard	53.33
	Adapter (Male Acme x $\frac{3}{8}$ ", $\frac{1}{2}$ " or $\frac{3}{4}$ " MNPT)	3.37

Note: Specify Adapter Size
Road Guard Shipped Unassembled

PLATE	NOZZLES		COMPLETE PC-R2000WF	COMPLETE PC-R2000LP
 WF10 Blue 12113	 Blue *10	9306-078	10242-1010	11296-1010
 WF12 Purple 10452	 Orange *11	9306-086	10242-1211	11296-1211
	 Purple *12	9306-094	10242-1212	11296-1212
 WF14 Green 9877	 Yellow *13	9306-102	10242-1413	11296-1413
	 Green *14	9306-109	10242-1414	11296-1414
 WF16 Red 9931	 Tan *15	9306-117	10242-1615	11296-1615
	 Red *16	9306-125	10242-1616	11296-1616
 WF18 Yellow 9870	 Gold *18	9306-141	10242-1818	11296-1818
 WF20 Brown 9878	 Brown *20	9306-156	10242-2020	11296-2020





R2000CW (Cow Wash)

Code	Description	List Price
11993-10xx	Total Components Assembled - K4 12° Plate; Body; 2TN Nozzle #14, #16, #18; Adapter (Specify: Male Acme x 1/2" or 3/4" MNPT)	\$42.64

Note: Specify Nozzle size 14, 16 or 18 by replacing 'xx'
Specify Adapter Size

R2000 ACCESSORIES

ROTATORS

R10/R2000(WF)
Low Angle
Road Guard
#9590-030
List Price \$14.08



Legacy
R10/R2000(WF)
High Angle Road Guard
#9879
List Price \$14.08



R2000(WF)
High Angle Road
Guard (Orange)
#12213-001
List Price \$22.23



NEW New style R2000(WF)
to convert to
part-circle operation
(irrigates 190°)
#12213-002
List Price \$22.23



New Style R2000
Stream Splitter
#12056
List Price \$5.26



R2000 Legacy
Stream Splitter
#12057
List Price \$5.26



Colour Band for
Nozzle ID
#12800-0xx
List Price \$0.86



R2000(WF)
Flush Tool
#9210
List Price \$28.22



R2000 Security Lock
use with PVC Adapter
Security Screw Removal Tool
#9347 List Price \$26.63
Security Screw
#9329 List Price \$1.54
Internal locking Device
#10045 List Price \$2.97



R2000 Plate
Remover Tool
#9620
List Price \$97.53



New Style R2000(WF)
Motor Removal Tool
#12215
List Price \$68.06



Threaded Cap
for ACME
#10615
List Price \$2.84



R2000 Web Guard
#9895-001
List Price \$1.22



Female ACME x
1/2" PVC Spigot
#10352
List Price \$2.89



Lock Washer for
2000 Series Rotators
#11403
List Price \$1.20



1/2" BSPF x ACMEF
Adapter
#HC-ADPAF15F
List Price \$3.96



Snail Guard Copper
#10657
List Price \$2.79



NEW R2000WF Cap
Assembly Lock
#13912
List Price \$1.74



PVC & MNPT Adapters Acme thread



MNPT
Adapter
3/8" - #9465
1/2" - #9316-002
3/4" - #9466
List Price \$3.37



PVC
Adapter
1/2" - #10060-001
3/4" - #10060-002
List Price \$2.98

Pressure Gauge Tap Assembly
Female ACME x Male ACME
#10367
List Price \$36.24

0 - 50 PSI Gauge - **#HC-PG050BE**
0 - 100 PSI Gauge - **#HC-PG100BE**
0 - 150 PSI Gauge - **#HC-PG150BE**
List Price \$61.69





R33NV & R33LP-NV

Code	Description	Qty/Box	List Price
13373-0xx	R33 NV Sprinkler Assembly, 3/4" Male Base	50	\$70.83
13373-1xx	R33LP-NV (Low Pressure) Sprinkler Assembly, 3/4" Male Base	50	70.83

Note: R33LP-NV (Low Pressure) now has easy to identify green cap.



PLATE	NOZZLE	CORRESPONDING LEGACY 33TN NOZZLE & PLATE COLORS*	R33-NV FULL AS- SEMBLY	R33LP-NV FULL ASSEMBLY
#18 Grey 12965-018	Grey (9/64") 12035-018	Gold	13373 -018 (Black Diffuser, Grey Motor)	13373 -118 (Purple Diffuser, Green Motor)
#20 Turquoise 12965-020	Turquoise (5/32") 12035-020	Brown	13373 -020 (Black Diffuser, Grey Motor)	13373 -120 (Purple Diffuser, Green Motor)
#22 Yellow 12965-022	Yellow (11/64") 12035-022	Gray	13373 -022 (Black Diffuser, Ivory Motor)	13373 -122 (Green Diffuser, Purple Motor)
#24 Red 12965-024	Red (3/16") 12035-024	Green	13373 -024 (Black Diffuser, Ivory Motor)	13373 -124 (Green Diffuser, Purple Motor)
#26 White 12965-026	White (13/64") 12035-026	Maroon	13373 -026 (Grey Diffuser, Ivory Motor)	13373 -126 (Green Diffuser, Purple Motor)
#28 Blue 12965-028	Blue (7/32") 12035-028	Blue	13373 -028 (Grey Diffuser, Ivory Motor)	13373 -128 (Green Diffuser, Purple Motor)

R33/R33LP Flush Tool
(short for Side Roll)

#11161-001 (Short)
#11161-002 (Long)
List Price \$16.12



R33/R33LP
Road Guard

#11363
List Price \$33.85



CAP Assembly
Removal Tool

#13930
List Price \$50.56



1/2" Mini Pressure Regulators & Drain Checks



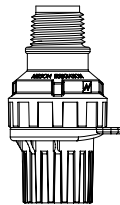
Code	Description	Qty/Box	List Price
10407-0xx	MRDC Mini Regulator Drain Check (Brown)*	150	\$23.69
11146-0xx	MR Mini Regulator (Grey)*	150	21.50
11139-0xx	MDC Mini Drain Check (Green)**	150	19.53
HC-ADPAF15F	ACME Female x 1/2" BSP Female connection	150	3.96

Note: *Mini Regulator Drain Check (MRDC) and Mini Regulator (MR) are available in 20, 25, 30, 35, 40, 45, 50, 55 or 60 PSI (1.4, 2.1, 2.4, 2.8, 3.1, 3.4, 3.8 or 4.1 BAR) nominal pressures in the connection types shown below. **The Mini Drain Check (MDC) is a check valve only that opens at or near the available 20 or 35 PSI (1.4-2.4 BAR) nominal pressures in the connection types shown below.

NEW

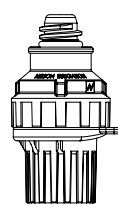
20 PSI (1.4 BAR) 0xx = 020	35 PSI (2.4 BAR) 0xx = 035	50 PSI (3.4 BAR) 0xx = 050
25 PSI (1.7 BAR) 0xx = 025	40 PSI (2.8 BAR) 0xx = 040	55 PSI (3.8 BAR) 0xx = 055
30 PSI (2.1 BAR) 0xx = 030	45 PSI (3.1 BAR) 0xx = 045	60 PSI (4.1 BAR) 0xx = 060

1/2" FNPT inlet x
1/2" MNPT outlet



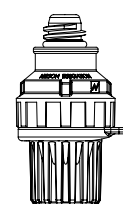
MRDC 11150-0xx
MR 11146-0xx
MDC 11154-020 or -035

1/2" FNPT inlet x
Acme outlet



MRDC 10406-0xx
MR 10020-0xx
MDC 11140-020 or -035

Acme inlet x
Acme outlet



MRDC 10407-0xx
MR 10099-0xx
MDC 11139-020 or -035

3/4" & 1" Pressure Regulators

Code	Description	Qty/Box	List Price
9491-xxx	3/4" FNPT x 3/4" FNPT Uni-Flo	100	\$31.12
12612-xxx	3/4" FNPT x 3/4" FNPT All Flo	50	39.41
9610-xxx	3/4" FNPT x Acme Uni-Flo	100	39.68
11420-0xx	1" BSP x 1" BSP Uni-Flo	100	38.12

	6 PSI (0.4 bar)	10 PSI (0.7 bar)	15 PSI (1.0 bar)	20 PSI (1.4 bar)	25 PSI (1.7 bar)	30 PSI (2.1 bar)	35 PSI (2.4 bar)	40 PSI (2.8 bar)	50 PSI (3.4 bar)	60 PSI (4.1 bar)
3/4" FNPT X 3/4" FNPT UNI-FLO	9491-001	9491-002	9491-003	9491-004	9491-005	9491-006	N/A	9491-007	9491-008	9491-012
3/4" FNPT X 3/4" FNPT ALL-FLO	12612-006	12612-010	12612-015	12612-020	12612-025	12612-030	N/A	12612-040	12612-050	N/A
3/4" FNPT X ACME UNI-FLO	N/A	N/A	N/A	N/A	N/A	9610-030	N/A	9610-040	9610-050	N/A
1" FBSPT X 1" FBSPT UNI-FLO	N/A	N/A	N/A	11420-020	11420-025	11420-030	11420-035	11420-040	11420-050	N/A



Build Your Own PVC Stake & Feedtube Assembly

½ **PVC-5:** Feedtube Assembly for R5 & R10 (#40-60, .35 & .5FCN)

Tube	Stake Adapter	SCH 40 PVC	LTO	Assembly
9284-492	11271	HC-PVC050120	12023	if required
5mm x 150m Coil	Black	1/2" x 2.8m length	Barb x Barb 5mm	
\$294.20	\$3.05	\$11.38	\$0.89	Call



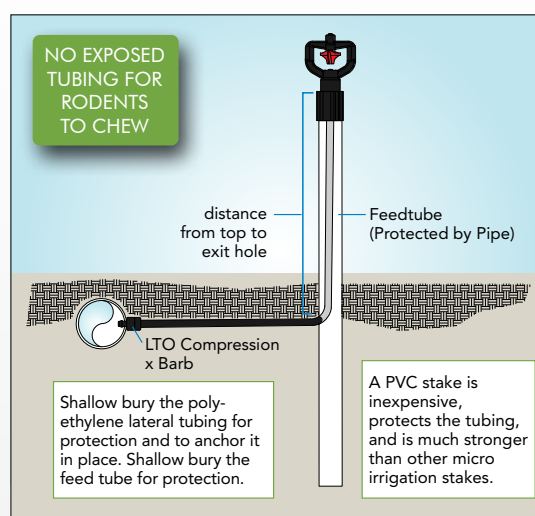
2.8mm wall thickness

¾ **PVC-10:** Feedtube Assembly for R10, R10T, R2000, R2000LP, R2000WF

Tube	Stake Adapter	SCH 40 PVC	LTO	Assembly
9099	11429	HC-PVC075120	9774	if required
10mm x 152.5m Coil	Black	3/4" x 2.8m length	10mm Compression x 7 mm Barb	
\$695.13	\$3.70	\$14.63	\$3.10	Call



2.9mm wall thickness



4 mm feedtube options for R5



FT-01: Feedtube Assembly for R5 (upright mount) with BARB thread

Code	Description	List Price
10847	Stake 12" (300 mm)	\$2.00
10848	Stake 17.5" (450 mm)	2.41
9960-924	4 mm x 24" (61 cm) Flexible PVC Feedtube & LTO, 4 mm Barb Assembly	1.84
9960-930	4 mm x 30" (76 cm) Flexible PVC Feedtube & LTO, 4 mm Barb Assembly	2.08
9960-936	4 mm x 36" (91 cm) Flexible PVC Feedtube & LTO, 4 mm Barb Assembly	2.49
10745-024	4mm x 24" (60 cm) Tube w/Barb, 12" (300 mm Stake) Assembled	4.35
10745-036	4mm x 36" (91 cm) Tube w/Barb, 12" (300 mm Stake) Assembled	4.95
10744-036	4mm x 36" (91 cm) Tube w/Barb, 17.5" (450 mm Stake) Assembled	5.26

Note: 30" (76 cm) feedtube not available as stake assembly.

ACCESSORIES

4mm Tubing
200m (656') Coil

#10081-656
List Price \$308.12



4mm Tubing
305m (1000') Coil

#10081-002
List Price \$470.27



Hand Punch Tool
4mm (Green)

#10997
List Price \$35.56



Coupler
4mm x 5 mm

#13142
List Price \$0.52



LTO Barb x Barb
4mm

#10080
List Price \$0.52



Goof Plug
4 x 5mm
(order in 6s)

#13435
List Price \$0.47



5 mm feedtube options for R5, R10

Note: Female ACME x R5 Adapter (#10616) is required when using R5 with 5mm feedtube options

FT3: Feedtube Assembly for the R10 with ACME thread

Code	Description	List Price
11283-030	Tubing Assy, Flexible, 5mm x 30" (76 cm) with LTO	\$2.53
11283-048	Tubing Assy, Flexible, 5mm x 48" (122cm) with LTO	3.62
13153	FT3 Stake 16" (400 mm)	3.54
13154-030	FT3 Feedtube Assy, 16" (400 mm) Stake x 30" (76 cm) Tubing	6.38
13154-048	FT3 Feedtube Assy, 16" (400 mm) Stake x 48" (122 cm) Tubing	7.50

½ PVC-5: Feedtube Assembly for R5 & R10 (#40-60, .35 & .5FCN) with ACME thread

Code	Description	List Price
11271	PVC Stake Adapter (Black) — 5 mm	\$3.05
11283-030	Tubing Assy, Flexible, 5 mm x 30" with LTO	2.53
11283-048	Tubing Assy, Flexible, 5mm x 48" with LTO	3.62
11284-21630	1/2" PVC Stake 16" (41 cm) - hole 5.5" from top, PVC Stake Adapter 5mm x 30" (76 cm) Tube with Barb (Assembled)	Call
11284-22230	1/2" PVC Stake 22" (56 cm) - hole 11.3" from top, PVC Stake Adapter 5mm x 30" (76 cm) Tube with Barb (Assembled)	Call
11284-22248	1/2" PVC Stake 22" (56 cm) - hole 11.3" from top, PVC Stake Adapter 5mm x 48" (107 cm) Tube with Barb (Assembled)	Call

5mm UA-5: Universal Feedtube Assembly for R5 & R10 (#40-60, .35 & .5FCN) with ACME thread

Code	Description	List Price
13693-030	UA-5 Universal Feedtube Assy, 5mm x 30" (76cm) Tube	\$5.42
13693-048	UA-5 Universal Feedtube Assy, 5mm x 48" (122cm) Tube	7.47
11259-216	Stake, PVC with hole, 1/2" x 16" (40 cm)	5.61
11259-222	Stake, PVC with hole, 1/2" x 22" (56 cm)	7.44

Note: UA-5 Feedtube and PVC Stake shipped separately. Use 13748 Tubing guide tool to assist assembly.

Universal Rod Stake (Replaces FT2)

Code	Description	List Price
13608	Universal Rod Stake Adaptor for 6 & 8 mm Rod Stakes	\$0.81
13693-030	UA-5 Universal Feedtube Assy, 5mm x 30" (76cm) Tube	5.42
13693-048	UA-5 Universal Feedtube Assy, 5mm x 48" (122cm) Tube	7.47
9726-024	Stake Steel, 1/4" (6.3mm) x 24" (61 cm)	4.50
10040-024	6.3 mm Fiberglass Plastic Rod Stake 24" (61 cm)	4.01

Note: Rod stake option requires Universal Rod Stake Adapter (13608) and Steel or Fibreglass Stake plus a UA-5 Universal Feed Tube Assembly

ACCESSORIES

5mm Tubing 150m (492') Coil #9284-492 List Price \$294.20		5mm Tubing 305m (1000') Coil #9284 List Price \$526.79		Stake Installation Tool for 6.3 mm Stake #10287 List Price \$32.65	
FT2, FT3 & 3/4 PVC-5 Hand Punch Tool 5mm (Red) #9349 List Price \$35.56		FT2, FT3 & 3/4 PVC-5 Drill Punch Tool 5mm #9835-003 List Price \$93.91		Converts FT2, FT4 & FT5 to 3/4" PVC Stake #9195 List Price \$3.12	
LTO, 5mm Compression x 5 mm Barb #9305 List Price \$2.40		LTO, Barb x Barb (5mm) #12023 List Price \$0.89		Coupler 4mm x 5 mm #13142 List Price \$0.52	
Tubing Guide Tool #13784 Call		Goof Plug 4 x 5mm (order in 6s) #13435 List Price \$0.47			

FT1 Repair Parts

Code	Description	List Price
9262	FT1 Collar Adapter 3/8" FNPT	\$4.79
9284-030	5 mm x 30" (76 cm) Flexible PVC Feedtube	1.56
9305	LTO, 5 mm Compression x 5 mm Barb	2.40
12023	LTO, Barb x Barb (5 mm)	0.89
11283-030	Tubing Assy, Flexible, 5 mm x 30" with LTO	2.53
11283-048	Tubing Assy, Flexible, 5mm x 48" with LTO	3.62

10 mm feedtube options for R10-R2000WF

**FT4:** Feedtube Assembly for R10, R10T, R2000, R2000LP, R2000WF with ACME thread

Code	Description	List Price
9677	Steel Rod Stake Adapter Acme	\$3.51
9099-036	10mm x 36" (91cm) Flexible PVC Feedtube	4.14
9774	LTO, 10 mm Compression x 7mm Barb	3.10
FT4 Total — Components Only		10.75
9752-036	FT4 Total — Total Assembled (does not include stake)	13.56
9725-024	8mm Steel Rod Stake 24" (61cm)	6.80
10160	8mm Fiberglass Plastic Rod Stake 24" (61cm)	6.82

**¾ PVC-10:** Feedtube Assembly for R10, R10T, R2000, R2000LP, R2000WF with ACME thread

Code	Description	List Price
11429	3/4" PVC Stake Adapter — 10mm Compression x Male Acme	\$3.70
9099-036	10mm x 36" (91cm) Flexible PVC Feedtube	4.14
9774	LTO, 10 mm Compression x 7mm Barb	3.10
11452-12236	3/4" PVC Stake 22" (56cm) - hole 11.3" from top, PVC Stake Adapter, 10mm x 36" (91cm) Tube with Barb (Assembled)	24.56

**FT5:** Feedtube Assembly for R10, R10T, R2000, R2000LP, R2000WF with ACME thread

Code	Description	List Price
9677	Steel Rod Stake Adapter Acme	\$3.51
9099-048	10mm x 48" (122cm) Flexible PVC Feedtube	5.49
9740	QC LTO, 10mm Compression x Male QC	2.71
9739	QC Barb, Female QC x 10mm	1.93
FT5 Total — Components Only		13.64
9737-048	FT5 Total — Total Assembled (does not include stake)	16.48
9725-048	8mm Steel Rod Stake 48" (122cm)	13.25

**Feedtube Technical Data**

FT5 Drill Hole Size For HDPE & MDPE Pipe - 5/16"

Note: For LDPE or Oval Pipe Use Smaller hole

TOOLS & PARTS FOR 10 MM ASSEMBLIES

10mm Tubing
152.5m (500') Coil
#9099
List Price \$695.13



3/4 PVC-10 & FT4
Hand Punch Tool
7mm (blue)
#9810
List Price \$44.88



FT5
Hand Punch Tool
10mm (White)
#9776
List Price \$50.56



FT2, FT4 & FT5
Stake Installation
Tool for 8mm Stake
#10288
List Price \$38.43



PVC-10 & FT4
Drill Punch Tool
7mm
#9835-002
List Price \$82.58



FT5
Drill Punch Tool
10mm
#9835-001
List Price \$82.58



FT5 Drill
Installation Tool
Installs #9739
(QC Barb) of FT5
#9845
List Price \$86.96



3/4 PVC-10 & FT4
Goof Plug
#10301
List Price \$3.05



FT5 Goof Plug
(fits in place of
#9739 QC Barb)
#9831
List Price \$2.06



FT5 Plug, Rubber
(fits inside of
#9739 QC Barb)
#9826
List Price \$2.97



3/4 PVC-10,
FT4, FT5
Coupler 10mm
#9813
List Price \$4.53



3/4 PVC-10, FT4,
FT5 1/2" Spigot x
10mm Compr.
#10623
List Price \$2.40



Converts FT2, FT4
& FT5 to 3/4"
PVC Stake
#9195
List Price \$3.12



1/2" Sch 40 PVC
2.8m - 2.8mm wall
thickness
#HC-PVC050120
List Price \$11.38



3/4" Sch 40 PVC
2.8m - 2.9mm wall
thickness
#HC-PVC075120
List Price \$14.63





Spray: D10

Code	Description	Qty/Box	List Price
	D10 Spray Plate & Body Assembly (Specify base)		\$11.85
	2TN Nozzle (Specify size: 10, 11, 12, 13, 14, 15, 16, 17, 18 or 20)		1.20
12928-XXXX	*Total with Body, Plate & 2TN Nozzle	300	14.06
	MNPT Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)		3.37
	PVC Adapter (Male Acme x 1/2" or 3/4")		2.98
	Complete D10 with MNPT Adapter		17.43
	Complete D10 with PVC Adapter		17.04



D10

#12928-XXXX

Thread: 1/2" = 10
Acme = 20

Thread

Nozzle

Spinner: S10



Code	Description	Qty/Box	List Price
	S10 Spinner Plate & Body Assembly (Specify plate & base)		\$25.12
	2TN Nozzle (Specify size: 10, 11, 12, 13, 14, 15, 16, 17, 18 or 20)		1.20
12884-XXXX	*Total with Body, Plate & 2TN Nozzle	300	27.39
	MNPT Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)		3.37
	PVC Adapter (Male Acme x 1/2" or 3/4")		2.98
	Complete S10 with MNPT Adapter		30.76
	Complete S10 with PVC Adapter		30.37

Note: *Specify 1/2" or Acme Base (Acme requires adapter)



S10

#12884-XXXX

Thread: 1/2" = 1
Acme = 2

Plate: Green 7° = 1,
Black 24° = 2
Grey 0° = 3

Thread

Plate

Nozzle

Adapter Options

Acme thread



MNPT Adapter

3/8" - #9465
1/2" - #9316-002
3/4" - #9466
List Price \$3.37



PVC Adapter

1/2" - #10060-001
3/4" - #10060-002
List Price \$2.98



Rotator: R10TG

Code	Description	Qty/Box	List Price
	R10TG Plate & Body Assy. (Specify plate & base)		\$18.90
	2TN Nozzle (Specify size: 12, 13, 14, 15, 16, 17, 18 or 20)		1.20
12927-xxxx	*Total with Body, Plate & 2TN Nozzle	300	21.14
	MNPT Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)		3.37
	PVC Adapter (Male Acme x 1/2" or 3/4")		2.98
	Complete R10TG with MNPT Adapter		24.51
	Complete R10TG with PVC Adapter		24.12

Note: *Specify 1/2" or Acme Base (Acme requires adapter)

R10TG

#12927-XXXX

Thread: 1/2" = 1
Acme = 2

Plate: Green 7° = 1
Grey 0° = 3

Thread Plate Nozzle



Rotator: MS10

Code	Description	Qty/Box	List Price
	MS10 Plate & Body Assy. (Specify plate & base)		\$16.30
9306-xxx	2TN Nozzle (Specify size: 12, 13, 14, 15, 16, 17, 18 or 20)		1.20
13827-xxxx	*Total Assembly with Body, Plate & 2TN Nozzle	400	17.50
	MNPT Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)		3.37
	PVC Adapter (Male Acme x 1/2" or 3/4")		2.98
	Complete MS10 with MNPT Adapter		20.87
	Complete MS10 with PVC Adapter		20.48

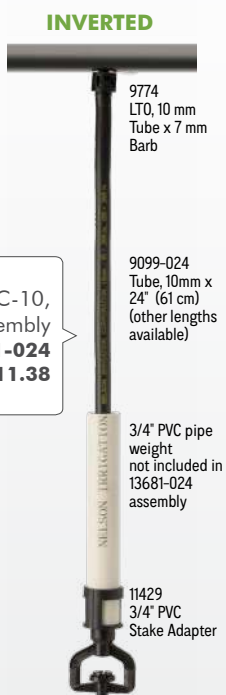
MS10

#13827-XXXX

Thread: 1/2" MNPT = 1
1/2" Female Acme = 2

Plate: Green Inverted Low Angle = 1
Black Upright High Angle = 2

Thread Plate Nozzle



Inverted 3/4" PVC-10,
Adapter & LTO Assembly
#13861-024
List Price \$ 11.38

Nozzle Options	Part #	Flow in LPH @ 2.5 bar
#10 Blue	#9306-078	242
#11 Orange	#9306-086	294
#12 Purple	#9306-094	347
#13 Yellow	#9306-102	411
#14 Green	#9306-109	463
#15 Tan	#9306-117	544
#16 Red	#9306-125	624
#17 Turquoise	#9306-133	711
#18 Gold	#9306-141	795
#20 Brown	#9306-156	966



	75 SERIES		100 SERIES			150 SERIES			200 SERIES	
PERFORMANCE	6-36 M ³ /H (25-160 GPM)		9-70 M ³ /H (40-300 GPM)			20-143 M ³ /H (90-630 GPM)			52-272 M ³ /H (230-1200 GPM)	
PRESSURE	1.75-5.5 BAR (25-80 PSI)		2.75-7.5 BAR (40-100 PSI)			3.5-8.25 BAR (50-120 PSI)			3.5-9 BAR (50-130 PSI)	
MODEL & TRAJECTORY	Full Circle F75	Part Circle SR75	Full Circle F100	Part Circle SR100	Part Circle SRA100	Full Circle F150	Part Circle SR150	Part Circle SRA150	Full Circle F200	Part Circle SR200
	21°, 24°	18°, 21°, 24°, 43°	18°, 21°, 24°, 43°		15-45° Adjustable	18°, 21°, 24°	21°, 24°, 27°, 43°	15-45° Adjustable	21°, 24°, 27°	21°, 24°, 27°, 33°, 36°, 39°
NOZZLE OPTIONS	TAPER	-	100T (10 sizes)			150T (8 sizes)			200T (9 sizes)	
	TAPER RING	TR75 (9 sizes)	100TR ¹ (11 sizes - Aluminum or Plastic)			150TR (17 sizes - Aluminum or Plastic)			-	
	RING	-	100R ¹ (8 sizes)			150R (7 sizes)			200R (7 sizes)	
THREADED CONNECTION	1.5" FNPT / FBSP 2" FNPT / FBSP		2" FNPT / FBSP 2.5" FNPT ¹			Adapter Required ³			Adapter Required ³	
FLANGE CONNECTION	2" ANSI/DIN / Nelson		2" ANSI/DIN / Nelson ¹			3" ANSI/DIN / Nelson			4" Nelson / ANSI Adapter ⁴	4" ANSI/DIN / Nelson
SPECIAL COATING/MATERIAL ⁵	-		Anodized, Anodized & Powder Coated			Anodized, Anodized & Powder Coated, Stainless Steel			Anodized, Anodized & Powder Coated	
SPECIAL OPTIONS ⁵	-		Effluent Bearing Assembly, Vaneless Range Tube, Brakeless			Effluent Bearing Assembly, Vaneless Range Tube			Effluent Bearing Assembly	
ACCESSORIES	Dust shield, 12° wedge kit		LP drive vane, Dust shield, Counterbalance kit, 12° wedge kit			Counterbalance kit, 12° wedge kit			Counterbalance kit, 12° wedge kit, Manure/Large Nozzle kit	

1. Not available on SRNV100.

2. Use Nelson Flange x Threaded Adapter: 150FI, 3" or 3.5" FNPT/FBSP; or 150/200FI, 4" FNPT.

3. Use Nelson Flange x Threaded Adapter: 150/200FI, 4" FNPT.

4. For ANSI connection, use Nelson x 4" ANSI Flange kit (#12807).

5. Contact Nelson Australia for availability and pricing.

75 Series: Big Gun® Sprinklers



Code	Description	Kg/Box	List Price
F75	Full Circle HD (21°, 24°)	8	\$3,033.00
SR75	Part Circle HD — Slow Reverse (18°, 21°, 24°)	10	3,703.05
SR75 (43°)	Environmental Control — Slow Reverse (43°)	10	4,192.60
QC-SR75	Quick Coupling SR75 with Integral QC Key	15	8,297.69
QC-F75	Quick Coupling F75 with Integral QC Key	14	7,553.79

NOZZLES & ACCESSORIES

TR75 Individual Taper Ring Nozzle Specify size #10208-0xx List Price \$77.64 	Nozzle Cap Only (included on 75 Series Big Gun) #10207 List Price \$117.25 	Flange 2" FNPT x ANSI (800P Valve Gun Combo) #10356 List Price \$122.96 	Flange 2" FBSP x ANSI (800P Valve Gun Combo) #12940 List Price \$122.96 	F75/F100 Wedge Kit 12° #11095 List Price \$309.04 
SR75/SR100 Wedge Kit 12° #11098 List Price \$380.15 	Secondary Nozzle 3RN Specify Size #8898-xxx List Price \$9.47 	QC 75 Valve Key 2" BSP #8655-002 Flanged #8657-001 List Price \$4,528.99 	QC 75 Valve 2" BSP #8934 3" BSP #8799-001 List Price \$1,903.49 	ANSI Conversion Kit Threaded Big Gun to 2" ANSI Flange #10415-001 List Price \$563.39 

Riser Lok™ Coupler for 75 & 100 Series Big Guns®

Code	Description	Kg/Box	List Price
13397	Riser-Lok Key 2" ANSI, 100 Series	1	\$708.34
13535-001	Riser-Lok Key 2" FBSP, 100 Series	1	708.34
13534-003	Riser-Lok Base 2" FBSP, 100 Series	1	642.70



100 Series: Big Gun® Sprinklers



Code	Description	Kg/Box	List Price
*F100	Full Circle (18°, 21°, 24°)	9	\$3,090.44
*F100 (43°)	Environmental Control — Full Circle (43°)	9	3,429.56
*SR100	Part Circle — Slow Reverse (18°, 21°, 24°)	12	4,285.59
*SR100 (43°)	Environmental Control — Slow Reverse (43°)	12	5,095.12
*SRA100	Part Circle — Slow Reverse, Adjustable Traj.	11	7,220.14
QC-SR100	Quick Coupling SR100 with Integral QC Key	17	8,765.35
QC-F100	Quick Coupling F100 with Integral QC Key	16	7,611.23

Note: Contact NICA for special "vaneless" waste-water options.

*Contact NICA for pricing and availability of anodized and anodized & powder coated options.

NOZZLES & ACCESSORIES

NEW

100TR-P Nozzle Kit
Body, Cap & Nozzles
14,16,18,20,22mm
#13253
\$247.73



100TR Plastic Taper
Ring Body & Cap
#12700
\$78.79



100TR
Plastic Nozzle
Specify size
#12470-xxx
\$32.00



100TR Plastic
Taper Ring Cap
#12469
\$34.38



100T Taper
Bore Nozzle
Specify size
#9309-0xx
List Price \$177.19



100R Ring
Nozzle Set
(Cap, Body & 7 Rings)
#6749
List Price \$451.26



100TR Taper Ring
Nozzle Set
Specify size
#9257-0xx
List Price \$328.19



Ring Nozzle
Cap Only
(use with 100R)
#7872
List Price \$75.29



Set of 7
Rings Only
#6847
List Price \$218.08



R100 Individual
Ring Only
Specify Size
#6738-0xx
List Price \$31.45



Ring or Taper Ring
Nozzle Body Only
(use with 100R, 100TR)
#9956-001
List Price \$164.72



Taper Ring Nozzle
Cap Only
(use with 100TR)
#6745
List Price \$76.60



TR100 Individual
Taper Ring Only
Specify Size
#9237-0xx
List Price \$78.35



SR100 Secondary
Nozzle Kit
#9724
List Price \$117.44



F100 Secondary
Nozzle 3RN
Specify Size
List Price \$9.47



SR100 LPV Kit
(Low Pressure
Drive Vane)
#9857
List Price \$57.87



Flange
2" FNPT x ANSI
(800P Valve Gun Combo)
#10356
List Price \$122.96



Flange
2" FBSP x ANSI
(800P Valve Gun Combo)
#12940
List Price \$122.96



100CBK
Counterbalance Kit
for SR models only
#8386
List Price \$1,411.21



600V Vane Stream
Straightener Vane
(fits 2" x 6" Riser)
#6671
List Price \$158.10



F75/F100
Wedge Kit 12°
#11095
List Price \$309.04



SR75/SR100
Wedge Kit 12°
#11098
List Price \$380.15



QC 100 Valve
2" BSP #8934
3" BSP #8799-001
List Price \$1,903.49



QC 100 Valve Key
2" BSP #8655-002
Flanged #8657-001
List Price \$4,528.99



BSB Adapter
x Nelson Flange
2" #7050
2 1/2" #7051
List Price \$397.00



ANSI Conversion Kit
Threaded Big Gun
to 2" ANSI Flange
#10415-001
List Price \$563.39



150 Series: Big Gun® Sprinklers



Code	Description	Kg/Box	List Price
*F150	Full Circle — Flanged Connection (21°, 24°)	17	\$6,150.79
*SR150	Part Circle — Slow Reverse, Flanged Connection (21°, 24°, 27°)	19	7,132.62
*SR150 (43°)	Environmental — Slow Reverse, Flanged Connection (43°)	19	8,084.37
*SRA150	Part Circle — Slow Reverse, Adj. Traj., Flanged Connection	20	9,924.95
**F150SS	Full Circle — Flanged Connection, Stainless Steel (includes nozzle) Limited availability. Please contact NICA before ordering.		POA
**SR150SS	Part Circle — Slow Reverse, Flanged Connection, Stainless Steel (includes nozzle) Limited availability. Please contact NICA before ordering.		POA

Note: Contact NICA for special “vaneless” waste-water options.

*Contact NICA for pricing and availability of anodized and anodized & powder coated options.

NOZZLES & ACCESSORIES

NEW
150TR-P Nozzle
Kit Body, Cap &
Nozzles
22,24,26,28,30mm
#13191
\$364.23

150TR Plastic
Taper Ring
Body & Cap
#12701
\$139.78

150TR
Plastic Nozzle
#12468-xxx
\$42.23

150TR Plastic
Taper Ring Cap
#12467
\$53.08

150T Taper
Bore Nozzle
Specify size
#9317-xxx
List Price \$309.04

150R Ring
Nozzle Set
(Cap, Body & 7 Rings)
#6790
List Price \$738.42

150TR Taper
Ring Nozzle Set
Specify Size
#9258-xxx
List Price \$568.86

Set of 7 Rings Only
#6846
List Price \$445.79

Ring/
Taper Ring Nozzle
Cap Only
#6286
List Price \$164.89

Ring/
Taper Ring Body &
Cap Assembly
#9418
List Price \$451.26

Ring/ Taper Ring
Nozzle Body Only
#9773
List Price \$269.85

TR150 Individual
Taper Ring Only
Specify Size
#9238-xxx
List Price \$96.32

R150 Individual
Ring Only
Specify size
#6287-xxx
List Price \$65.06

F150 Secondary
Nozzle 7RN
Specify Size
List Price \$23.81

150CBK
Counterbalance Kit
#8399
List Price \$1,457.70

Stream
Straightener Vane
(fits 3" x 9" Riser)
#6843
List Price \$209.11

F150
Wedge Kit 12°
#11358
List Price \$949.01

SR150
Wedge Kit 12°
#11359
List Price \$1,463.17

150FI Adapter
3" FBSP x Nelson
Flange
#8820
List Price \$434.85

Flange
3" NPT x ANSI (Valve
& 150 Gun Combo)
#13233-001
List Price \$193.96

Flange
3" BSP x ANSI (Valve
& 150 Gun Combo)
#13233-002
List Price \$193.96

NEW
SR150 Secondary
Nozzle Kit
#12686
List Price \$147.55

QC 150 Valve
3" BSP Inlet
#11691-002
List Price \$1,903.49

QC 150 Valve Key
Nelson Flange
#11692
List Price \$4,528.99

Automatic Arc
Timer
#13296
List Price \$3,344.78



200 Series: Big Gun® Sprinklers

Code	Description	Kg/Box	List Price
F200	Full Circle — Nelson Flange (21°, 24°, 27°)	22	\$10,354.33
*SR200	Part Circle — Slow Reverse, HD Bearing, Flanged Connection (21°, 24°, 27°)	32	14,667.27

Note: Contact NICA for pricing and availability of anodized and anodized & powder coated options.

*Coating options not available for F200.

NOZZLES & ACCESSORIES

200T Taper Bore Nozzle Specify size #9323-xxx List Price \$511.43	200R Ring Nozzle Set (Cap, Body & 7 Rings) #6789 List Price \$1,077.55	Ring Nozzle Body Only #9972-001 List Price \$544.25	Ring Nozzle Cap Only #6026 List Price \$244.80	Ring Body & Cap Assembly #9419 List Price \$795.86
Set of 7 Rings Only #6845 List Price \$705.60	R200 Individual Ring Only Specify size #6027-xxx List Price \$99.41	200CBK Counterbalance Kit #9346 List Price \$2,291.85	Manure Kit (for manure and/or nozzles 1.75 and larger) #9425 List Price \$891.58	ANSI Flange Adapter Kit (F200 Only) #12807 List Price \$1,020.12
SR200 Wedge Kit 12° #11138 List Price \$1,722.99	Secondary Nozzle 7RN Specify Size List Price \$23.81			

#12736



#9822



#12737



#12804



#12805



Service Kits

SR75

Code	Description	List Price
12011	Service Kit, Bearing Assy - HD100	\$789.65
11090	Service Kit, Drive Arm	300.89
10718	Service Kit, Trip Lever - SR75 (12°-27°)	620.44

SR100

Code	Description	List Price
12573	Service Kit, Complete - SR100 (Incl. 9822, 12011, 12804, 12805)	\$1,090.40
9822	Service Kit, Drive Arm & Counterweight - SR100/SR150	394.92
12011	Service Kit, Bearing Assy - HD100	789.65
12804	Service Kit, Trip Lever - SR100/SR150	89.02
12805	Service Kit, Shift Lever - SR100/SR150	111.28

SR150

Code	Description	List Price
12736	Service Kit, Complete - SR150 (Incl. 9822, 12737, 12737, 12804, 12805)	\$2,166.89
9822	Service Kit, Drive Arm & Counterweight - SR100/SR150	394.92
12737	Service Kit, Bearing Assy - HD150	1,579.08
12804	Service Kit, Trip Lever - SR100/SR150	89.02
12805	Service Kit, Shift Lever - SR100/SR150	111.28

Bearing Assemblies

Code	Description	List Price
7862	F75/F100 - Nelson Flange	\$2,015.48
7865	F75/F100 - 2" FBSP	2,015.48
10380-010	F75/F100 - 1 1/2" FBSP	2,015.48
9814-003	F100 - ANSI/DIN/Euro Flange	2,015.48
7273	SR75/SR100 - 2" FNPT	2,185.49
7292	SR75/SR100 - 2" FBSP	2,185.49
7753	SR75/SR100 - Nelson Flange	2,185.49
9814	SR75/SR100 - ANSI/DIN Euro Flange	2,185.49
10380-004	SR75/SR100 - 1 1/2" FBSP	2,185.49
7950	SRNV100 - 2" FNPT	2,270.51
7952	SRNV100 - 2" FBSP	2,270.51
8458	F150/SRA150/SR150 - Nelson/Euro Flange	3,617.89
10323-001	F150/SRA150/SR150 - 3" ANSI/DIN Flange	3,617.89
9114-000	SR200 - Nelson Flange	7,726.64
9114-003	SR200 - 4" ANSI Flange	7,726.64

Integral Drain

Code	Description	Qty/Box	List Price
	75, 100, 150 & 200 Integral Drain incl 12796	1	POA
12796	1" NPT Big Gun Drain - Fit downstream of the control valve	1	\$114.87
12433	1/4" NPT Big Gun Drain - Fit to downstream of the control valve	1	POA

Note: Contact Nelson Australia for details and pricing on effluent and corrosive water applications



NEW Factory Rebuild Big Gun® Program

Step-by-Step Process



1. Return of Equipment

- Return worn Nelson Big Guns® and End Guns to your authorised Nelson Australia dealer to receive a fully rebuilt Nelson Big Gun® in return.

2. Condition of Returned Products

- Ensure all returned products are intact, with no missing or broken components.
- Any missing or broken components will be quoted separately.

3. Delivery Instructions

- Deliver returned Big Guns® to Nelson Australia at 20 Macadam Street, Seventeen Mile Rocks, QLD 4073.
- Your authorised Nelson Australia dealer will request a Return Merchandise Authorization (RMA) prior to shipping.

4. Cleaning Procedure

- Non-coated guns will be high-pressure cleaned, and bead blasted.
- Coated guns (anodised or anodised & powder coated) will be high-pressure cleaned but not bead blasted, as bead blasting may remove the coated surface.

5. Product Assessment

- After cleaning, the product will be assessed.
- Non-repairable Big Guns® will be scrapped or returned to you upon request.

6. Rebuild Details

- During the rebuild, all bearings, spacers, gaskets, seals, brake rings, and drive vanes will be replaced as needed.

7. Quality Assurance and Packaging

- All rebuilt Big Guns® will be fitted with genuine Nelson replacement parts, undergo standard factory water testing, be packaged in Nelson Big Gun® boxes, and receive a new Big Gun® warranty.

8. Return to Dealer

- The rebuilt product will be returned to your authorised Nelson Australia dealer, freight included (FIS: Free Into Store).

Additional Notes

- Coated guns will not be re-coated as part of the rebuild, as the surface may be too compromised to guarantee the result. After assessment, Nelson Australia customer service will discuss coating options and costs with your authorised dealer.
- For non-repairable items or additional quotes, Nelson Australia will contact your dealer directly.



Code	Description	List Price
RE-SR75	SR 75, Factory Refurbished and Tested	\$1,850.00
RE-F75	F75, Factory Refurbished and Tested	1,390.00
RE-SR100	SR100, Factory Refurbished and Tested	1,925.00
RE-SRA100	SRA100, Factory Refurbished and Tested	3,250.00
RE-F100	F100, Factory Refurbished and Tested	1,390.00
RE-SR150	SR150, Factory Refurbished and Tested	3,550.00
RE-SRA150	SRA150, Factory Refurbished and Tested	4,900.00
RE-F150	F150, Factory Refurbished and Tested	3,310.00
RE-SR200	SR200, Factory Refurbished and Tested	7,300.00
RE-F200	F200, Factory Refurbished and Tested	5,150.00



R75M Debris Sweeper for Mining & Dairy Applications

Code	Description	List Price
12699-001	Inverted R75M, 1 1/4" MNPT with #52 13/32" Nozzle	\$2,163.31
Note: Other nozzle sizes also available - call Nelson Australia for details.		



Part Circle Impacts & Swivel Hose Els

Code	Description	Qty/Box	List Price
P65M	1" Male Part Circle with anti back-splash arm and diffuser pin (includes 7V)	4	\$1,227.67
P85AS	1 1/4" Male Part Circle with single nozzle 18° (includes 8V)	1	1,829.07
P85A	1 1/4" Male Part Circle with double nozzle 18° (includes 8V & 2 plugs)	1	1,933.07
P85	1 1/4" Male Part Circle with double nozzle 24° (includes 8V, no plugs)	1	1,996.37
8ADN	Adjustable Diffuser Assembly (including Nozzle)	1	327.83
8DN	Adjustable Diffuser Assembly (not including Nozzle)	1	262.26
SH-125 / 9375	1 1/4" MBSP x 1 1/2" MBSP Swivel Hose	1	734.79



High Angle Impact Sprinkler

Code	Description	Qty/Box	List Price
*F70	1" Male Double Nozzle (includes 7V)	24	\$940.69
*F80	1 1/4" Male Double Nozzle (includes 8V)	10	1,684.82

Vanes, Nozzles & Plugs

Code	Description	List Price
7V Vane	Stream Straightener Vane for F70 and F70A Series, P65 Series	\$4.68
8V Vane	Stream Straightener Vane for all 80 and 85 Series	4.97
*3RN	Brass Nozzle: 3/4" Impacts, Secondary for SR100 & SR150 Series Guns	9.47
3FCN	Flow Control Nozzle 3/4" Sprinklers	27.27
7RN	Drive Nozzle F70A, F70, & P65M, Secondary for F150 & 200 Series Big Gun	23.81
8DRN	Drive Nozzle F80A, F80, P85A, P85AS, and P85	58.13
3RN Plug	Brass Secondary Nozzle Plug for F70A, F80A, 100 Series Gun, P85 and F44AAB	10.94

Note: To order sprinklers with vane, add "V" to Model # and add price of vane.

* These items represent products that will be discontinued.



Nelson FCN under high pressure



Nelson FCN under low pressure

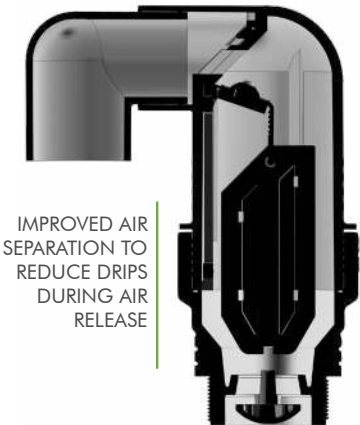


Air Control Valve

Code	Description	List Price
9672-004	ACV200P Air Control Valve 50mm (2") BSP Plastic Base Continuous Acting	\$368.30

IMPROVED DESIGN

REINFORCED SEAL PREVENTS MISALIGNMENT



ACV AIR CONTROL VALVE

For air relief, vacuum air relief, and continuous air release under pressure.

- Pump start-up high capacity air venting
 - Pump shut-off vacuum relief
 - Filter backflush
 - Vent at high points
 - Continuous air release during system operation

800 Series Valves

TO ORDER: Select one option from each of the five sections to build the valve description code and price.
Nominate ANSI, Table D or Table E to receive the correct stud kits.

SECTION	1. SIZE/MATERIAL/CONNECTIONS	2. PRESSURE	3. PRESSURE CONTROL
CODE	A6 B10	C3	D01
DESCRIPTION	Wafer w/stud kit for 6" flanges	Medium (18-80 psi)	None
LIST PRICE \$4,323.75	\$3,876.61	\$0	\$0

1. SIZE/MATERIAL/CONNECTIONS			
CODE	MATERIAL	CONNECTIONS	LIST PRICE
2" VALVES			
A2 B3	Cast Iron	2" Threaded (BSP)	\$1,489.96
A2 B6		2" Victaulic	\$1,433.74
A2 B9	Aluminum	Wafer (no stud kit)	\$895.28
A2 B10		Wafer w/stud kit for 2" Flanges	\$1,109.36
A2 B17		Wafer w/stud kit for 75/100 Big Gun	\$1,089.90
3" VALVES			
A3 B6	Cast Iron	3" Victaulic	\$2,188.45
A3 B9	Aluminum	Wafer (no stud kit)	\$1,511.59
A3 B10		Wafer w/stud kit for 3" Flanges	\$1,734.33
A3 B17		Wafer w/stud kit for 150 Big Gun	\$1,717.03
4" VALVES			
A4 B9	Aluminum	Wafer (no stud kit)	\$2,101.95
A4 B10		Wafer w/stud kit for 4" Flanges	\$2,337.66
A4 B17		Wafer w/stud kit for 200 Big Gun	\$2,329.01
A4 B23		Wafer 6x4x6 (no stud kit)	\$2,396.05
A4 B24		Wafer 6x4x6 w/stud kit	\$2,711.78
6" VALVES			
A6 B9	Aluminum	Wafer (no stud kit)	\$3,496.50
A6 B10		Wafer w/stud kit for 6" flanges	\$3,876.61
A6 B23		Wafer 8x6x8 (no stud kit)	\$4,077.08
A6 B24		Wafer 8x6x8 w/stud kit	\$4,582.16
8" VALVES			
A8 B9	Aluminum	Wafer (no stud kit)	\$7,828.72
A8 B10		Wafer w/stud kit for 8" flanges	\$8,336.41
NOMINATE			

2. PRESSURE		
CODE	OPERATING PRESSURE	LIST PRICE
C1	Low (10-50 psi)	\$0
C2	High (30-200 psi)	\$0
C3	Medium (18-80 psi)	\$0

3. PRESSURE CONTROL		
CODE	ADJ. RANGE	LIST PRICE
D01	None	—
PRESSURE REDUCING		
D02	5-50 psi, 4-8"	\$2,028.43
D03	10-120 psi, 4-8"	\$2,028.43
D04	25-200 psi, 4-8"	\$2,028.43
D11	5-30 psi, 2" and 3"	\$1,098.55
D12	5-60 psi, 2" and 3"	\$1,098.55
D13	10-120 psi, 2" and 3"	\$1,098.55
PRESSURE SUSTAINING		
D05	25-200 psi, 4-8"	\$2,028.43
D08	10-120 psi, 4-8"	\$2,028.43
D09	5-50 psi, 4-8"	\$2,028.43
D15	5-60 psi, 2" and 3"	\$1,098.55
D16	10-120 psi, 2" and 3"	\$1,098.55
RATE OF FLOW		
D18-1	3" Pipe, 120-400 gpm	\$1,935.44
D18-2	4" Pipe, 200-550 gpm	\$1,935.44
D18-3	6" Pipe, 350-1000 gpm	\$1,935.44
D18-4	6" Pipe, 500-2000 gpm	\$1,935.44
D18-5	8" Pipe, 500-1550 gpm	\$1,935.44
D18-6	8" Pipe, 900-3800 gpm	\$1,935.44
SLEEVE EXHAUST		
D06	Valve open below 30 psi	\$3,033.99
D06-1	Valve open below 10 psi	\$3,033.99
SHUTTLE CHECK		
D07	Shuttle Check	\$356.81

NOMINATE	
ANSI	
TABLE D	
TABLE E	
Pricing is unchanged	

Model	Pipe Size	Valve Size
4"	4" (100NB)	4" (100NB)
646	6" (150NB)	4" (100NB)
6"	6" (150NB)	6" (150NB)
868	8" (200NB)	6" (150NB)
8"	8" (200NB)	8" (200NB)

4. ON/OFF CONTROL
E01
Manual Selector Only
\$202.78

5. FILTER
H3
Internal Filter
\$248.69

4. ON/OFF CONTROLS*		
CODE	ON/OFF CONTROL	LIST PRICE
E00	None	—
E01	Manual Selector Only	\$202.78
MANUAL SELECTOR WITH SOLENOID		
E02	E02 Solenoid - 12 VDC, Lat, 2.0mm	\$776.34
E11	E11 Solenoid - 12 VDC, 1.6mm, NC*	\$754.71
E20	E20 Window+ Controller, 1.6mm (4-8")	\$1,200.19
E21	E21 Solenoid - 12 VDC, 1.6mm	\$1,420.76
E23	E23 Solenoid - 9-12 VDC Lat, 1.2mm	\$854.01
E24	E24 Solenoid - 9-12VDC Lat with Galit	\$876.54
E25	E25 Solenoid - 12 VDC, 3.2mm, NC*	\$1,202.35
E29	E29 Solenoid - 12-40 VDC Lat., 2.0mm	\$745.54
E30	E30 Solenoid - 24 VDC, 1.6mm	\$1,409.95
E31	E31 Window+ Controller, 1.2mm (2" and 3")	\$1,022.86
E34	E34 Solenoid - 24 VDC, 1.2mm	\$594.69
E40	E40 Solenoid - 24 VAC, 1.6mm, 2.5W	\$1,015.32
E41	E41 Solenoid - 24 VAC, 1.6mm, 8W	\$932.04
E43	E43 Solenoid - 24 VAC, 1.2mm, 3W	\$854.01
E46	E46 Solenoid - 24 VAC, 1.6mm, 5.5W	\$1,037.46
E50	E50 Solenoid - 120 VAC, 1.6mm, 8W	\$932.04
E52	E52 Solenoid - 120 VAC, 3.2mm, 17W	\$1,464.01
E53	E53 Solenoid - 110 VAC, 1.6mm, 5.5W	\$748.23

5. FILTER		
CODE	FILTER	LIST PRICE
H2	External Filter	\$415.20
H3	Internal Filter (2" and 3")	\$176.55
H3	Internal Filter (4-8")	\$250.85
FILTER WITH TUBING PROTECTION		
H4	External Filter	\$562.25
H5	Internal Filter (2" and 3")	\$324.38
H5	Internal Filter (4-8")	\$400.06

Nelson Control Valves come standard normally closed.

Use the following codes to specify non-standard, normally open, or special solenoid plumbing logic.

OPTIONAL SOLENOID LOGIC											
SOLENOID ONLY			SUSTAINING W/ SOLENOID			REDUCING W/ SOLENOID			SUSTAINING/REDUCING W/ SOLENOID		
CODE	SOLENOID STATUS	VALVE STATUS	CODE	SOLENOID STATUS	VALVE STATUS	CODE	SOLENOID STATUS	VALVE STATUS	CODE	SOLENOID STATUS	VALVE STATUS
L01*	Energized	Open	L03	Energized	Sustaining	L07*	Energized	Reducing	L09	Energized	Sustaining-Reducing
	De-energized	Closed		De-energized	Closed		De-energized	Closed		De-energized	Closed
L02	Energized	Closed	L04*	Energized	Sustaining	L08	Energized	Closed	L10	Energized	Sustaining
	De-energized	Open		De-energized	Open		De-energized	Reducing		De-energized	Reducing
			L05	Energized	Closed	L13	Energized	Reducing	L11	Energized	Reducing
				De-energized	Sustaining		De-energized	Open		De-energized	Sustaining
			L06	Energized	Open	L14	Energized	Open	L12	Energized	Open
				De-energized	Sustaining		De-energized	Reducing		De-energized	Sustaining-Reducing

*Standard

*Pressure Sustaining, normally-open valve ("PSNO") for applications at filter stations.

*Standard

800 Series Accessories



Code	Description	List Price
11433	4" Valve x 6" Flange Adapter Kit (646)	\$311.40
11433-001	4" Valve x 6" Flange Adapter Kit with 6" Stud Kit (646)	534.14
12225	6" Valve x 8" Flange Adapter Kit (868)	590.99
12225-001	6" Valve x 8" Flange Adapter Kit with 6" Stud Kit (868)	1,090.87
12229-001	Pressure Control Upgrade kit - Small Body Kit	454.70
12230-001	Pressure Control Upgrade kit - Large Body Kit	562.04
HC-PG050BE	3" Pressure Gauge, Glycerine Filled 0-50 psi (0-350 kPa) Bottom Entry	61.69
HC-PG100BE	3" Pressure Gauge, Glycerine Filled 0-100 psi (0-700 kPa) Bottom Entry	61.69
HC-PG150BE	3" Pressure Gauge, Glycerine Filled 0-150 psi (0-1000 kPa) Bottom Entry	61.69
HC-PG200BE	3" Pressure Gauge, Glycerine Filled 0-200 psi (0-1400 kPa) Bottom Entry	61.69
9498	Male QC Fitting	74.36
9438-002	Female QC Fitting	148.43
10105-xxx	Gauge & Fittings Kit - 2 Valve Stems, and 1 lock-on chuck. (050,100,150)	114.84
10104	1/4" Valve Stem	15.41
10103	Lock-on Gauge Chuck for 1/4" Valve Stem	45.54
E31	Window + Controller w/ 12/24 VDC Lat. (1.2mm orifice. For 2" & 3" Valves)	867.16
E20	Window + Controller w/ 12/24 VDC Lat. (1.6mm orifice. For 4", 6" & 8" Valves)	1,044.49

PLASTIC PRS. CTRL. PILOT



Highly Accurate Adjustable Pressure-Reducing or Pressure Sustaining Plastic Pilots for 2" & 3" valves

PRESSURE CONTROL PILOT



Adjustable Pressure-Reducing or Pressure Sustaining Pilots (small body for 2" & 3" valves, large body for 4, 6, & 8" valves)

SLEEVE EXHAUST D06



By adding a D06, the main valve can snap open when water arrives. The valve will stay open until upstream pressure reaches 30 PSI. Above 30 PSI the valve will respond to normal solenoid or pressure control.

SHUTTLE CHECK D07



If outlet pressure exceeds inlet pressure the valve will close.

SOLENOIDS



Choose from DC, DC Latching or AC options.

INTERNAL & EXTERNAL FILTERS



Protect the solenoid or pressure controls from clogging. Self-cleaning internal filter is standard. External filter for greater filtration. Use both for the demanding conditions.

Model #	Manufacturer	Part Numbers			Voltage ¹	Recomm. Valve Size	Inrush Amps	Holding Amps	Resistance (ohm)	Watts	Inlet Orifice		Electrical Connection	Max. Pressure
		Kit	Coil + Base	Coil										
E02	NELSON	8925-032	12845	-	12 VDC Lat	-	-	-	-	6.7	2mm (adaptable to 4mm)		1/2 MNPT w/Leads	175 psi
E11	GEM-SOL	8925-011	7510-011	NA	12 VDC	-	-	0.83	14.3	10	1.6 mm	1/16"	1/2" FNPT	175 psi
E21	PARKER	8925-001	7510-001	7510-101	12 VDC	-	-	0.6	20	8	1.6 mm	1/16"	1/2" FNPT w/Leads	175 psi
E23	BACCARA	8925-035	7510-052	7510-152	9/12 VDC Lat	2" & 3"	-	-	4.2	3	1.2 mm	3/64"	>12" Leads	175 psi
E24	BACCARA/MADTAKIN	8925-062	7510-072	7510-152	9/12 VDC Latch				4.2	3	5.6 mm		>10" Leads	150 psi
E25*	SOLENOID SOLUTIONS	8925-020	7510-036	7510-136	12 VDC	-	1.42	1.42	-	17	3.2 mm	1/8"	1/2" FNPT	150 psi
E29	AQUATIVE	8925-029	7510-029	NA	12-40 VDC Lat	-	-	-	-	-	2.0 mm	5/64"	47" Leads	140 psi
E30	PARKER	8925-002	7510-002	7510-102	24 VDC	4", 6", & 8"	-	0.3	83	8	1.6 mm	1/16"	1/2" FNPT w/Leads	175 psi
E34	BACCARA	8925-037	7510-054	7510-154	24 VDC	2" & 3"	0.125	0.125	119	3	1.2 mm	3/64"	>12" Leads	175 psi
E40	GEM-SOL	8925-043	7510-015	7510-115	24 VAC	4", 6", & 8"	0.15	0.15	diode ²	2.5	1.6 mm	1/16"	1/2" FNPT Plug-In	175 psi
E41	PARKER	8925-003	7510-003	7510-103	24 VAC	4", 6", & 8"	1.1	0.65	7.8	8	1.6 mm	1/16"	1/2" FNPT w/Leads	175 psi
E43	BACCARA	8925-033	7510-050	7510-150	24 VAC	2" & 3"	0.125	0.125	diode ²	3	1.2 mm	3/64"	>12" Leads	175 psi
E46*	GEM-SOL	8925-044	7510-016	7510-116	24 VAC	-	0.8	0.43	9	5.5	1.6 mm	1/16"	1/2" FNPT Plug-In	175 psi
E50	PARKER	8925-004	7510-004	7510-104	120 VAC	2", 3", 4", 6", & 8"	0.2	0.1	184	8	1.6 mm	1/16"	1/2" FNPT w/Leads	175 psi
E52	PARKER	8925-024	7510-033	7510-133	120 VAC	6" & 8"	0.7	0.3	27	17	3.2 mm	1/8"	1/2" FNPT w/Leads	175 psi
E53	GEM-SOL	8925-045	7510-051	7510-151	110 VAC	2" & 3"	0.15	0.11	230	5.5	1.6 mm	1/16"	1/2" FNPT Plug-In	175 psi

*E46 Solenoid Kit Suits Hunter ACC99D & DUAL Decoder Controllers. E25 Special Order

NOTES: "Lat" = Latch. The solenoid contains a magnet which holds the coil in the open/closed position, such that a constant current is not required, as in the case of non-latching solenoids. If the solenoid contains a diode, the resistance reading obtained using a voltmeter will be inaccurate (extremely high). This is because a diode acts like a check valve that only opens when a sufficient amount of "pressure" (voltage) is present.

TO ORDER: Select one option from each of the seven sections to build the valve description code and price.

SECTION	1. SIZE	2. STYLE	3. PRESSURE	4. CONNECTIONS
CODE	1000V2	INL	MED	B03
DESCRIPTION	1000 Series 2" Valve	Inline	Medium (18-80 psi)	2" PVC Socket
LIST PRICE = \$1,159.94	\$265.14	\$0.00	\$0.00	\$198.98

1. SIZE			2. STYLE			3. PRESSURE			4. CONNECTIONS		
CODE	SIZE	LIST PRICE	CODE	STYLE	LIST PRICE	CODE	OPERATING PRESSURE	LIST PRICE	CODE	CONNECTIONS	LIST PRICE
1000V2	2"	\$265.14	INL	Inline	\$0.00	LO	Low (10-40 psi)	\$0.00	CONNECTIONS FOR 2" VALVES		
1000V3	3"	456.63	BGV	Big Gun Valve	127.66	MED	Medium (18-80 psi)	0.00	B01	None (wafer only, no stud kit)	\$0.00
1000V4	4"	1,058.11				HI	High (30-150 psi)	0.00	B02	2" FNPT (metal)	199.08

Note: *1000V2 & 1000V3 BGV includes aluminium jacket
1000V4 BGV includes aluminium cage



PIVOT POINT CONTROL VALVES

PIVOT POINT CONTROL VALVES open and close at the command of the pivot point, making pivot automation possible by eliminating trips to the pivot point to start and stop the pivot. The high flow capacity of the 4" valve together with the 6x4x6 flange adapter kit saves money by allowing the use of a smaller valve that fits easily within 6" flanges. Common configurations are shown below.

Manual selector with E50 solenoid (120 VAC, 1.6mm), high sleeve (30-150 psi), and H5 internal filter with tubing protection.

SIZE	CONNECTIONS	REDUCING	PART NUMBER	LIST PRICE
4"	(B27) Wafer w/stud kit	No	12531-0382	\$1,903.91
	(B29) Wafer 6x4x6 w/stud kit	No	12531-0251	2,124.30
4"	(B27) Wafer w/stud kit	10-120 psi	12531-0383	2,458.74
	(B29) Wafer 6x4x6 w/stud kit	10-120 psi	12531-0384	2,679.13

CONNECTIONS FOR 2" VALVES		
B01	None (wafer only, no stud kit)	\$0.00
B02	2" FNPT (metal)	199.08
B03	2" PVC Socket	198.98
B04	Wafer 3x2x3 (no stud kit)	53.05
B05	2" Victaulic	126.70
B06	3" Victaulic (3x2x3)	126.70
B14	2" FBSP (Plastic)	126.70
B16	3" PVC Socket (3x2x3)	299.51
B17	Wafer w/stud kit for 2" flanges	70.31
B19	Wafer w/stud kit for 75/100 Big Gun	70.31
B21	Wafer 3x2x3 w/stud kit	131.07
B35	2" FBSP (metal)	199.08
CONNECTIONS FOR 3" VALVES		
B01	None (wafer only, no stud kit)	\$0.00
B15	3" PVC Socket	245.45
B18	Wafer w/stud kit for 3" flanges	70.31
B20	Wafer w/stud kit for 150 Big Gun	70.31
B22	Wafer 4x3x4 w/stud kit	138.22
B23	Wafer 4x3x4 (no stud kit)	68.99
B24	3" Victaulic	239.80
B25	4" PVC Socket (4x3x4)	378.07
B33	4" Victaulic (4x3x4)	363.34
B36	3" FNPT (metal)	265.14
B37	3" FBSP (metal)	265.14
CONNECTIONS FOR 4" VALVES		
B01	None (wafer only, no stud kit)	\$0.00
B26	4" PVC Socket	306.88
B27	Wafer w/stud kit for 4" flanges	140.50
B29	Wafer 6x4x6 w/stud kit	360.89
B30	Wafer 6x4x6 (no stud kit)	130.24
B31	6" PVC Socket (6x4x6)	665.31
B32	4" Victaulic	306.88

5. ON/OFF CONTROL	6. PRESSURE CONTROL	7. FILTER
E01	R60	H3
Manual Selector Only	Pressure Reducing 5-60 psi	Internal Filter
\$115.88	\$554.83	\$25.11

5. ON/OFF CONTROLS*			6. PRESSURE CONTROL			7. FILTER		
CODE	ON/OFF CONTROL	LIST PRICE	CODE	ADJ. RANGE	LIST PRICE	CODE	FILTER	LIST PRICE
E00	None	\$0.00	PRESSURE REDUCING			H0	None	\$0.00
E01	Manual Selector Only	115.88	R0	None	\$0.00	H2	External Filter	142.64
E02	Manual Sel. w/E02 Sol. - DC Lat.	537.65	R30	5-30 psi	554.83	H3	Internal Filter	25.11
E11*	Manual Sel. w/E11 Solenoid - 12VDC, NC	491.00	R60	5-60 psi	554.83	FILTER W/ TUBING PROTECTION		
E21	Manual Sel. w/E21 Sol. - 12VDC	908.35	R120	10-120 psi	554.83	H4	External Filter	233.62
E23	Manual Sel. w/E23 Solenoid - DC Lat.	365.80	PRESSURE SUSTAINING			H5	Internal Filter	116.10
E24	Manual Sel. w/E24 Solenoid - DC Lat.	438.92	S0	None	\$0.00			
E29	Manual Sel. w/E29 Solenoid - DC Lat.	459.09	S60	5-60 psi	554.83			
E31	Manual Sel. w/E31 Window+ Controller	692.31	S120	10-120 psi	554.83			
E34	Manual Sel. w/E34 Solenoid - 24VDC	373.16						
E40	Manual Sel. w/E40 Solenoid - 24VAC	434.54						
E43	Manual Sel. w/E43 Solenoid - 24VAC	365.80						
E46	Manual Sel. w/E46 Solenoid - 24VAC	446.81						
E50	Manual Sel. w/E50 Solenoid - 120VAC	589.20						
E53	Manual Sel. w/E53 Solenoid - 110VAC	471.36						
NEW E90	TWIG-V Plus w/- Integrated Solenoid, Operates one valve	2,398.64						
NEW E91	TWIG-V Plus SE w/- Integrated Solenoid & Switch Enabled, Operates one valve	2,497.76						

*Contact Nelson Australia for full solenoid specifications.

*Normally closed solenoid for pressure sustaining, normally open valve ("PSNO") applications at filter stations

Nelson Control Valves come standard normally closed. Use the following codes to specify non-standard, normally open, or special solenoid plumbing logic.

OPTIONAL SOLENOID LOGIC											
SOLENOID ONLY			SUSTAINING W/SOLENOID			REDUCING W/SOLENOID			SUSTAINING/REDUCING W/SOLENOID		
CODE	SOLENOID STATUS	VALVE STATUS	CODE	SOLENOID STATUS	VALVE STATUS	CODE	SOLENOID STATUS	VALVE STATUS	CODE	SOLENOID STATUS	VALVE STATUS
L01*	Energized	Open	L03	Energized	Sustaining	L07*	Energized	Reducing	L09	Energized	Sustaining-Reducing
	De-energized	Closed		De-energized	Closed		De-energized	Closed		De-energized	Closed
L02	Energized	Closed	L04*	Energized	Sustaining	L08	Energized	Closed	L10	Energized	Sustaining
	De-energized	Open		De-energized	Open		De-energized	Reducing		De-energized	Reducing
			L05	Energized	Closed	L13	Energized	Reducing	L11	Energized	Reducing
				De-energized	Sustaining		De-energized	Open		De-energized	Sustaining
			L06	Energized	Open	L14	Energized	Open	L12	Energized	Open
				De-energized	Sustaining		De-energized	Reducing		De-energized	Sustaining-Reducing

*Standard

*Pressure Sustaining normally-open valve ("PSNO") for applications at filter stations.

*Standard

Inline Valve



Assembled 1000 Series Valves

Base Valve	WAFER						BSP (Also Victaulic, NPT or Spline)
	2"	323	3"	434	4"	646	2"
Basic Valve	\$265.14	\$318.19	\$456.63	\$525.62	\$1,058.11	\$1,188.35	\$391.84
Big Gun Valve (BGV) for Solid Set Big Guns	\$392.80		\$584.29				
Common Combinations**	2"	323	3"	434	4"	646	2"
Basic Valve with Manual Control	\$406.13	\$459.18	\$597.62	\$666.61	\$1,199.10	\$1,329.34	\$532.83
Electric Valve*	\$540.17	\$593.22	\$731.66	\$800.65	\$1,333.14	\$1,463.38	\$666.87
Electric Valve with Manual Control*	\$656.05	\$709.10	\$847.54	\$916.53	\$1,449.02	\$1,579.26	\$782.75
Pressure Reducing Valve with Manual Control	\$960.96	\$1,014.01	\$1,152.45	\$1,221.44	\$1,753.93	\$1,884.17	\$1,087.66
Electric Pressure Reducing Valve with Manual Control*	\$1,210.88	\$1,263.93	\$1,402.37	\$1,471.36	\$2,003.85	\$2,134.09	\$1,337.58
Pressure Sustaining (or Relief) Valve with Manual Control	\$960.96	\$1,014.01	\$1,152.45	\$1,221.44	\$1,753.93	\$1,884.17	\$1,087.66
Battery Operated Window+ Electric Valve with Manual Control	\$982.56	\$1,035.61	\$1,174.05	\$1,243.04	\$1,775.53	\$1,905.77	\$1,109.26
Extra For External Filter and Fittings**	\$117.53	\$117.53	\$117.53	\$117.53	\$117.53	\$117.53	\$117.53
Stud Kits	2"	323	3"	434	4"	646	2"
For Galvanised Flanges	\$70.65	\$70.65	\$70.65	\$70.65	\$140.50	\$230.11	
For PVC Flanges	\$70.65						
For Big Gun Valve	\$70.65		\$70.31				

Note: *Electric Valve pricing is based on E43 solenoid option and will vary depending on the solenoid selected.

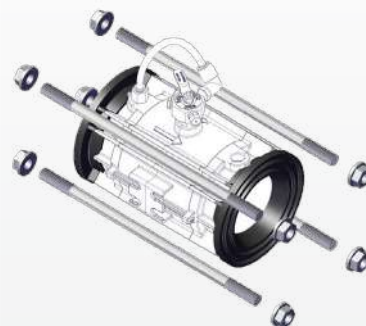
**All Common Combination assembled valve pricing includes a plastic internal filter, for external filter and fittings add \$117.53 to the cost.

Other combinations of Inline and Solid Set Big Guns valves are available in assembled format, call Nelson Australia for pricing

Nominate Sleeve Pressure When Ordering:

Low	10 - 40 PSI (70 - 280 kPa)
Medium	18 - 80 PSI (120 - 550 kPa)
High	30 - 150 PSI (210 - 1030 kPa)

Model	Pipe Size	Valve Size	KV
2"	2" (50NB)	2" (50NB)	111
323	3" (80NB)	2" (50NB)	117
3"	3" (80NB)	3" (80NB)	259
434	4" (100NB)	3" (80NB)	266
4"	4" (100NB)	4" (100NB)	501
646	6" (150NB)	4" (100NB)	TBA



Inline Valve Continued

2"



323



3"



434



4"



646



Assembled 1000 Series Valves

Base Valve	FLANGED PVC SOCKET					
	2"	323	3"	434	4"	646
Basic Valve	\$464.12	\$564.65	\$702.08	\$834.70	\$1,364.99	\$1,723.42
Common Combinations**	2"	323	3"	434	4"	646
Basic Valve with Manual Control	\$605.11	\$705.64	\$843.07	\$975.69	\$1,505.98	\$1,864.41
Electric Valve*	\$739.15	\$839.68	\$977.11	\$1,109.73	\$1,640.02	\$1,998.45
Electric Valve with Manual Control*	\$855.03	\$955.56	\$1,092.99	\$1,225.61	\$1,755.90	\$2,114.33
Pressure Reducing Valve with Manual Control	\$1,159.94	\$1,260.47	\$1,397.90	\$1,530.52	\$2,060.81	\$2,419.24
Electric Pressure Reducing Valve with Manual Control*	\$1,409.86	\$1,510.39	\$1,647.82	\$1,780.44	\$2,310.73	\$2,669.16
Pressure Sustaining (or Relief) Valve with Manual Control	\$1,159.94	\$1,260.47	\$1,397.90	\$1,530.52	\$2,060.81	\$2,419.24
Battery Operated Window+ Electric Valve with Manual Control	\$1,181.54	\$1,282.07	\$1,419.50	\$1,552.12	\$2,082.41	\$2,440.84
Extra For External Filter and Fittings**	\$117.53	\$117.53	\$117.53	\$117.53	\$117.53	\$117.53

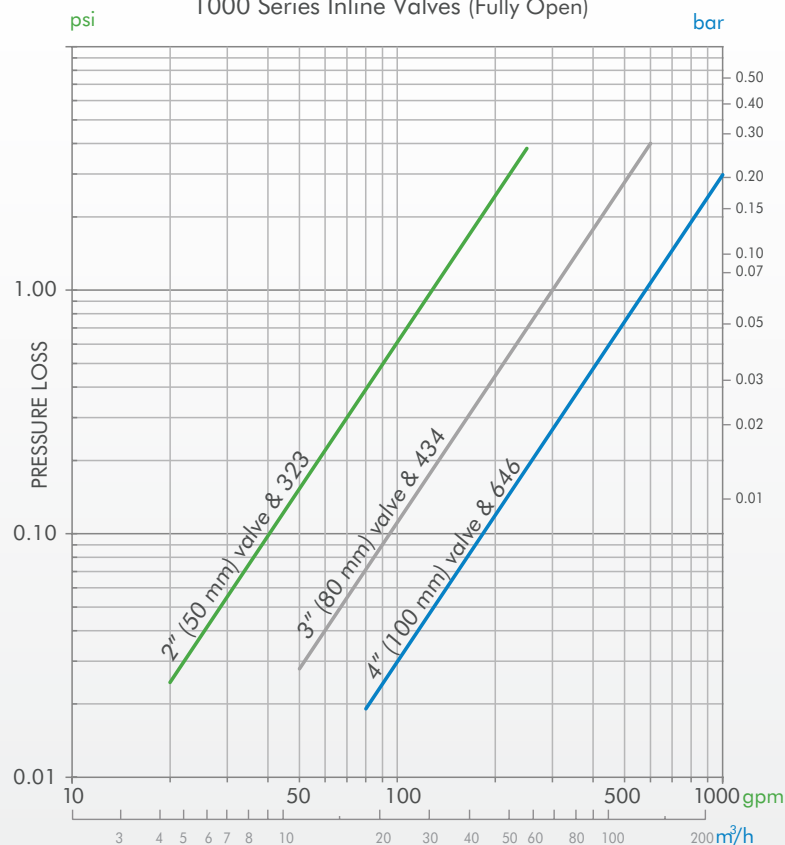
Note: *Electric Valve pricing is based on E43 solenoid option and will vary depending on the solenoid selected.

**All Common Combination assembled valve pricing includes a plastic internal filter, for external filter and fittings add \$117.53 to the cost.

Other combinations of Inline and Solid Set Big Guns valves are available in assembled format, call Nelson Australia for pricing

Pressure Loss Data

1000 Series Inline Valves (Fully Open)



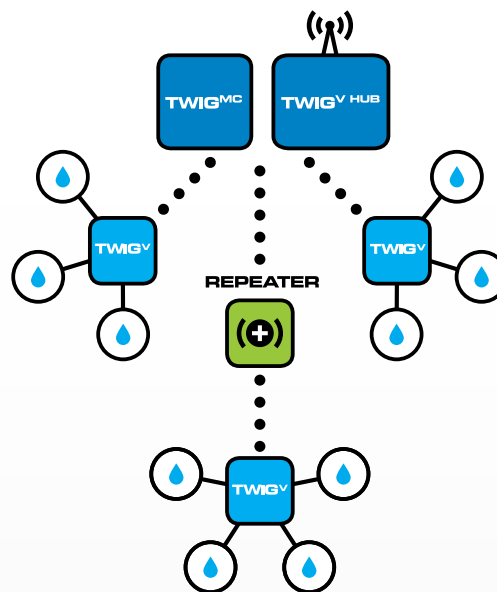
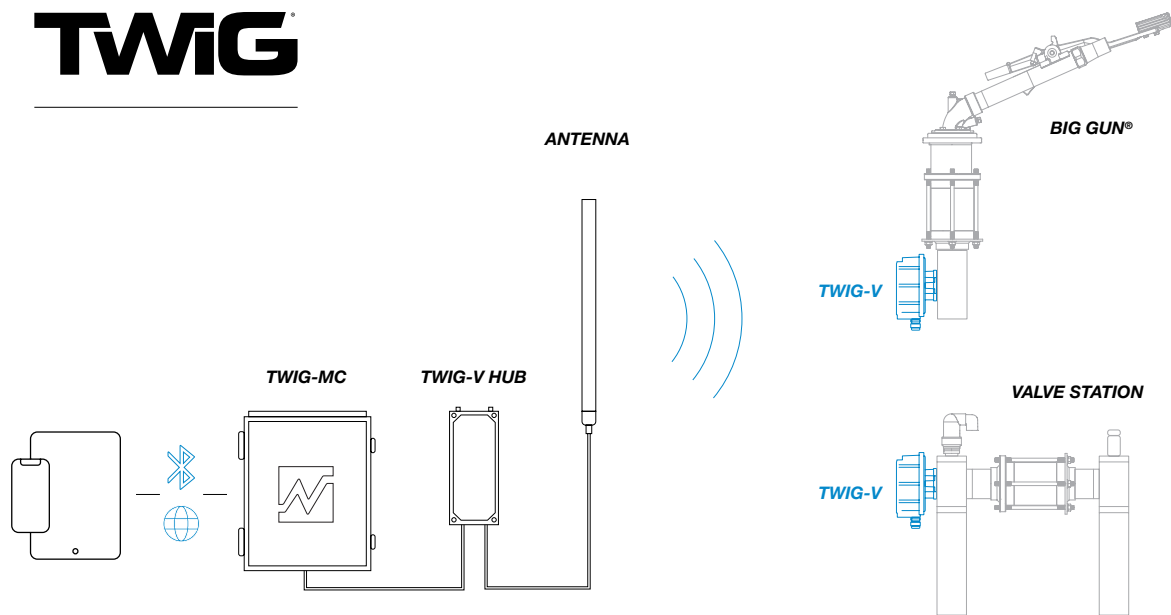
Solenoids

Code	Description	List Price
DC Latching		
12845	E02 Solenoid – Nelson (12-40V – 1.6 or 4.0mm)	\$367.14
7510-052	E23 Solenoid - Baccara (9-12V - 1.2mm)	163.14
7510-072	E24 Solenoid - Baccara (9-12V - with Galit Hydraulic Relay)	185.67
7510-029	E29 Solenoid - Aquative (12-40V - 2.0mm)	254.78
11222-001	E31 Solenoid - Baccara Window+ (9-12V -1.2mm)	475.82
DC		
7510-011	E11 Solenoid - (12V - 1.6mm) Normally Closed	254.78
7510-054	E34 Solenoid - Baccara (24V - 1.2mm)	156.94
AC		
7510-015	E40 Solenoid - Gemsol (24V - 1.6mm)	252.88
7510-050	E43 Solenoid - Baccara (24V - 1.2mm)	162.88
7510-016	E46 Solenoid - Gemsol (24V - 1.6mm)	295.87
7510-004	E50 Solenoid - Parker (120V - 1.6mm)	367.67
7510-051	E53 Solenoid - Gemsol (120V - 1.6mm)	258.75
Hydraulic Relay		
9331-001	E80 Galit Hydraulic Relay	100.26
Note: E46 Solenoid Kit Suits Hunter ACC99D & DUAL Controllers		

Pressure Control

2", 323, 3", 434, 4" & 646 Valves		
Code	Description	List Price
12342-009	Pressure Reducing Pilot 5-30PSI (0.4-2.0 Bar) Grey Bushing (2" & 323 Valves)	\$519.63
12342-007	Pressure Reducing Pilot 5-60PSI (0.4-4.0 Bar) Grey Bushing (2" & 323 Valves)	519.63
12342-008	Pressure Reducing Pilot 10-120PSI (0.7-8.2 Bar) Grey Bushing (2" & 323 Valves)	519.63
12342-010	Pressure Sustaining Pilot 5-60PSI (0.4-4.0 Bar) Grey Bushing (2" & 323 Valves)	519.63
12342-011	Pressure Sustaining Pilot 10-120PSI (0.7-8.2 Bar) Grey Bushing (2" & 323 Valves)	519.63
12342-003	Pressure Reducing Pilot 5-30PSI (0.4-2.0 bar) Brass Bushing (3", 434, 4" & 646 Valves)	519.63
12342-001	Pressure Reducing Pilot 5-60PSI (0.4-4.0 bar) Brass Bushing (3", 434, 4" & 646 Valves)	519.63
12342-002	Pressure Reducing Pilot 10-120PSI (0.7-8.2 bar) Brass Bushing (3", 434, 4" & 646 Valves)	519.63
12342-004	Pressure Sustaining Pilot 5-60PSI (0.4-4.0 bar) Brass Bushing (3", 434, 4" & 646 Valves)	519.63
12342-005	Pressure Sustaining Pilot 10-120PSI (0.7-8.2 bar) Brass Bushing (3", 434, 4" & 646 Valves)	519.63

TWIG[®]



TWIG-MC FEATURES

- Full mobile control using iOS or Android TWIG-MC App, via Bluetooth[®]
- Internet ready (user provided connection or cell modem)
- No subscription fees
- Control up to 200 valves
- 1 x flow meter input (pulse)
- 2 x pump start contacts (DC latching, 5 amp max at 120VAC)
- 2 x pressure transducer inputs (4-20 mA)
- 100-240 Volt AC or optional 12 Volt DC battery with solar charging kit
- Backwards compatible with first generation TWIGs using TWIG Hub.

TWIG-V HUB FEATURES

- Can control up to 100 TWIG-V devices and 8 TWIG-V Repeaters.
- Communicates with TWIG-V using line-of-sight 900 MHz radio signal

TWIG-V FEATURES

- Sealed Enclosure
- Bluetooth Setup
- Fast-Response Network
- TWIG-V Repeater

TWIG-R REPEATER FEATURES

- Facilitates communication between the TWIG-V Hub and the TWIG-V radios in the field.
- Creates a sub-network of TWIG-V radios with better signal strength
- Repeaters do not communicate with each other.
- Up to 8 Repeaters in a TWIG-V Network
- 110 Volt AC or optional 12 Volt DC battery with solar charging kit
- Requires external antenna kit (6 dbi Omni)
- Weather resistant enclosure (NEMA 4X)



TWIG-MC Controller

Code	Model	Description	List Price
12957-002	TWIG-MC	Master Controller - 240VAC	\$12,262.82
12957-003	TWIG-MC	Master Controller - 12VDC	12,262.82
13206AU	TWIG-V HUB	HUB for TWIG-V* with cable	5,090.67
13207	TWIG HUB	HUB for TWIG Legacy* with cable	5,090.67

NEW

TWIG-V Plus Solar Powered Radio Module with Integrated Solenoid



Code	Model	Description	List Price
13580-001AU	TWIG-V Plus	Integrated Solenoid, Operates one valve (E90)	\$2,398.64
13580-005AU	TWIG-V Plus SE	Integrated Solenoid & Switch Enabled, Operates one valve (E91)	2,497.76

TWIG-V Radio Module



Code	Model	Description	List Price
13457-001AU	TWIG-V 1i	Internal Antenna, w/bracket. Operates one valve	\$3,389.82
13457-002AU	TWIG-V 2i	Internal Antenna, w/bracket. Operates up to two valves, independently	3,512.72
13457-011AU	TWIG-V 1e	External Antenna,* w/bracket. Operates one valve	3,389.82
13457-012AU	TWIG-V 2e	External Antenna,* w/bracket. Operates up to two valves, independently	3,512.72

Note: *Order Antenna Kit separately (required for external antenna version only).

NEW

TWIG-V Switch Enable (SE) Model



Code	Model	Description	List Price
13457-005AU	TWIG-V 1i SE	Switch Enabled, Internal Antenna w/- bracket. Operates one valve plus provides feedback from a switch.	\$3,481.01
13457-006AU	TWIG-V 2i SE	Switch Enabled, Internal Antenna w/- bracket. Operates Two valves plus provides feedback from a switch.	3,639.59
13457-015AU	TWIG-V 1e SE	Switch Enabled,* External Antenna w/- bracket. Operates Two valves plus provides feedback from a switch.	3,481.01
13457-016AU	TWIG-V 2e SE	Switch Enabled,* External Antenna w/- bracket. Operates Two valves plus provides feedback from a switch.	3,639.59

Note: *Order Antenna Kit separately (required for external antenna version only).

TWIG-V Repeater



Code	Model	Description	List Price
12966-001	TWIG-V Repeater, AC	TWIG-V Repeater - 240VAC power. Order antenna kit separately.	\$3,889.37
12966-002AU	TWIG-V Repeater, DC	TWIG-V Repeater - 12VDC power. Order antenna and solar kits separately.	3,889.37

TWIG Relay



Code	Model	Description	List Price
13108-001	Single Relay	One latching relay in a weather resistant enclosure	\$1,185.45
13108-002	Dual Relay	Two latching relays in a weather resistant enclosure	1,284.56

Note: Connect a standard TWIG-V or V Plus to this relay assembly to start a pump or other device by closing a contact at the command of the TWIG-MC Mounting hardware not included.

TWIG Pressure Switches for SE Modules



NEW

Code	Model	Description	List Price
13381-080		8 psi Pressure Switch for Switch Enabled TWIG-V	\$495.59
13381-020		20 psi Pressure Switch for Switch Enabled TWIG-V	495.59
13381-030		30 psi Pressure Switch for Switch Enabled TWIG-V	495.59
13381-040		40 psi Pressure Switch for Switch Enabled TWIG-V	495.59

TWIG Solar Kits



Code	Model	Description	List Price
13438	Solar kit for TWIG-MC with battery	90 Watt solar kit, 12VDC solar kit with mounting hardware for solar panel, battery and charge controller in weather resistant enclosure. For TWIG-MC	\$8,500.32
12075-002	Solar kit for Repeater with battery	10 Watt solar kit, 12VDC for Repeater, Includes battery in box.	4,460.29

TWIG Antenna Kits



Code	Description	List Price
12000-010	Multi-directional Omni antenna (6 dBi) with 10' cable assembly, mounting hardware, lightning arrestor, and coax tape, for connecting antenna to HUB, external antenna TWIG-V or TWIG-V Repeater.	\$1,110.12
12000-020	Multi-directional Omni antenna (6 dBi) with 20' cable assembly, mounting hardware, lightning arrestor, and coax tape, for connecting antenna to HUB, external antenna TWIG-V or TWIG-V Repeater.	1,165.62
12000-030	Multi-directional Omni antenna (6 dBi) with 30' cable assembly, mounting hardware, lightning arrestor, and coax tape, for connecting antenna to HUB, external antenna TWIG-V or TWIG-V Repeater.	1,431.26
12000-040	Multi-directional Omni antenna (6 dBi) with 40' cable assembly, mounting hardware, lightning arrestor, and coax tape, for connecting antenna to HUB, external antenna TWIG-V or TWIG-V Repeater.	1,482.80
12000-050	Multi-directional Omni antenna (6 dBi) with 50' cable assembly, mounting hardware, lightning arrestor, and coax tape, for connecting antenna to HUB, external antenna TWIG-V or TWIG-V Repeater.	1,534.34

Note: A grounding rod must be used in conjunction with lightning arrestor. See page 119, HC-GR096 or HC-GP036

Solenoids



DC Latching

Code	Description	List Price
12845	E02 Solenoid – Nelson (12-40V – 4.0mm)	\$367.14
7510-052	E23 Solenoid - Baccara (9-12V - 1.2mm)	163.14
7510-072	E24 Solenoid - Baccara (9-12V with Galit Hydraulic Relay)	185.67
7510-029	E29 Solenoid - Aquative (12-40V - 2.0mm)	254.78



PGJ: Gear-Driven Rotors

PGJ, Shrub Rotor with 8 Standard red nozzles, 1/2" inlet

Code	Description	Qty/Box	List Price
HI-PGJ00	Shrub body adjustable arc, no check valve	25	\$43.07
HI-PGJ00R	Shrub body, adjustable arc, with reclaimed water ID logo cap	25	65.65

PGJ, 10 cm (4") Pop-up Rotor with 8 standard red nozzles, 1/2" inlet

Code	Description	Qty/Box	List Price
HI-PGJ04	10 cm adjustable arc, no check valve	25	\$34.98
HI-PGJ04V	10 cm adjustable arc, with check valve	25	65.65
HI-PGJ04R	10 cm adjustable arc, with check valve and reclaimed water ID logo cap	25	74.62

PGJ, 15 cm (6") Pop-up Rotor with 8 standard red nozzles, 1/2" inlet

Code	Description	Qty/Box	List Price
HI-PGJ06	15 cm adjustable arc, no check valve	25	\$85.02
HI-PGJ06V	15 cm adjustable arc, with check valve	25	91.00
HI-PGJ06R	15 cm adjustable arc, with check valve and reclaimed water ID logo cap	25	99.96

PGJ, 30 cm (12") Pop-up Rotor with 8 standard red nozzles, 1/2" inlet

Code	Description	Qty/Box	List Price
HI-PGJ12	30 cm adjustable arc, no check valve	12	\$119.38
HI-PGJ12V	30 cm adjustable arc, with check valve	12	125.29
HI-PGJ12R	30 cm adjustable arc, with check valve and reclaimed water ID logo cap	12	134.26

SRM: Gear-Driven Rotors

SRM, 10 cm (4") Pop-up Rotor with 8 standard green nozzles, 1/2" inlet

Code	Description	Qty/Box	List Price
HI-SRM04	10 cm adjustable arc, no check valve	25	\$33.36

PGJ & SRM Accessories

Check Valve

Code	Description	List Price
HI-462078	PGJ & SRM Field Installation Check Valve - Bag of 25	\$64.50

PGP Ultra: Gear-Driven Rotors**PGP Ultra, Shrub Rotor** with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-PGP00	Adjustable arc 50–360°, no check valve	20	\$44.25
HI-PGP00CV	Adjustable arc 50–360°, with check valve	20	60.13
HI-PGP00CVR	Adjustable arc 50–360°, with check valve and reclaimed water ID logo cap	20	68.98

PGP Ultra, 10 cm (4") Pop-up Rotor with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-PGP04	Adjustable arc 50–360°, no check valve	20	\$40.84
HI-PGP04CV	Adjustable arc 50–360°, with check valve	20	64.98
HI-PGP04CVR	Adjustable arc 50–360°, with check valve and reclaimed water ID logo cap	20	73.01

PGP Ultra, 15 cm (6") Pop-up Rotor with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-PGP06	Adjustable arc 50–360°, no check valve	20	\$76.51
HI-PGP06CV	Adjustable arc 50–360°, with check valve	20	82.70
HI-PGP06CVR	Adjustable arc 50–360°, with check valve and reclaimed water ID logo cap	20	90.84

PGP Ultra, 30 cm (12") Pop-up Rotor with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-PGP12CV	Adjustable arc 50–360°, with check valve	12	\$126.37
HI-PGP12CVR	Adjustable arc 50–360°, with check valve and reclaimed water ID logo cap	12	134.56

Note: All PGP Ultra model sprinklers include a complete set of nozzles.**PGP Ultra: Pressure-Regulated Rotors****PGP Ultra, Shrub Rotor with PRB Body** with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-PGP00CVPRB	PRB Body, Adjustable arc 50–360°, with check valve	20	\$73.91
HI-PGP00CVRPRB	PRB Body, Adjustable arc 50–360°, with check valve and reclaimed water ID logo cap	20	88.11

PGP Ultra, 10 cm (4") Pop-up Rotor with PRB Body with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-PGP04PRB	Adjustable arc 50–360°, no check valve	20	\$70.34
HI-PGP04CVPRB	PRB Body, Adjustable arc 50–360°, with check valve	20	75.70
HI-PGP04CVRPRB	PRB Body, Adjustable arc 50–360°, with check valve and reclaimed water ID logo cap	20	84.40



PGP: Gear-Driven Rotors

PGP, 10 cm (4") Pop-up Rotor with 8 standard blue nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-PGPADJB	Adjustable arc 40–360°, no check valve	20	\$39.46

Note: All PGPADJB model sprinklers include a complete set of standard BLUE nozzles.

PGP, 10 cm (4") Pop-up Rotor with 12 standard red nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-PGPADJ	Adjustable arc 40–360°, no check valve	20	\$39.46

Note: All PGPADJ model sprinklers include a complete set of standard RED nozzles.

PGP Ultra MPR Nozzles



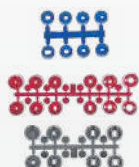
Code	Description	Qty/Bag	List Price
HI-MPR25	Matched Precipitation Nozzle Rack with all 7.6 m radius nozzles. Includes a Quarter, Third, Half and Full Circle nozzle.	25	\$0.64
HI-MPR30	Matched Precipitation Nozzle Rack with all 9.1 m radius nozzles. Includes a Quarter, Third, Half and Full Circle nozzle.	25	0.64
HI-MPR35	Matched Precipitation Nozzle Rack with all 10.6 m radius nozzles. Includes a Quarter, Third, Half and Full Circle nozzle.	25	0.64

PGP Ultra Accessories



Code	Description	Qty/Box	List Price
HI-782900	Blue nozzle rack (Nozzles 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0 and 2.0 LA, 2.5 LA, 3.5 LA, 4.5 LA)	200	\$1.33
HI-356605	Dark Blue nozzle rack (Nozzles 1.0, 1.5, 2.0, 3.0, 3.5, 4.0, 6.0, 8.0 and 2.0 LA, 2.5 LA, 3.5 LA, 4.5 LA)	25	1.33
HI-466100	Black nozzle rack (Nozzles 5.5 m - .50, 1.0, 2.0 and 7.6 m - .75, 1.5, 3.0)	50	1.31
HI-444800	Green nozzle rack (Nozzles 10, 13 and 6.0, 8.0 LA)	25	5.25
HI-463551	Rotor staking kit (for models PGP-00 and I-20-00)	1	10.35
HI-PR075	Rotor Pressure Regulator 3/4" inlet x outlet	20	14.63

PGP Accessories



Code	Description	Qty/Box	List Price
HI-665300	Blue nozzle rack (Nozzles 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0)	300	\$1.31
HI-130900	Red nozzle rack (Nozzles #1–12)	50	1.33
HI-233200	Grey low angle nozzle rack (Nozzles #4, 5, 6, 7, 8, 9, 10, Plug)	50	1.33
HI-120300	Nozzle Retainer Screw for PGP-ADJ Group	25	1.31
HI-253400	Seal Replacement Kit (includes riser seal only)	10	2.58
HI-181500	PGP Replacement Riser Seal	100	0.64
HI-102600	Standard black filter screen	1	1.33
HI-142300	Standard black filter screen with check valve	25	2.60
HI-172000	White Adjustment Tool	100	1.31

I-20: Gear-Driven Rotors

**I-20, Shrub Rotor** with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-I2000	Adjustable arc 50–360°, no check valve	20	\$70.69
HI-I2000R	Adjustable arc 50–360°, with check valve and reclaimed water ID logo cap	20	86.03

**I-20, 10 cm (4") Pop-up Rotor** with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-I2004	Adjustable arc 50–360°, with plastic riser, with check valve	20	76.09
HI-I2004R	Adjustable arc 50–360°, with plastic riser, with check valve and reclaimed water ID logo cap	20	91.28
HI-I2004SSNCV	Adjustable arc 50–360°, with stainless steel, no check valve	20	106.49
HI-I2004SS	Adjustable arc 50–360°, with stainless steel riser, with check valve	20	106.49
HI-I2004SSR	Adjustable arc 50–360°, with stainless steel riser and check valve and reclaimed water ID logo cap	20	121.72

**I-20, 15 cm (6") Pop-up Rotor** with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-I2006	Adjustable arc 50–360°, with plastic riser, with check valve	20	\$109.67
HI-I2006R	Adjustable arc 50–360°, with plastic riser, with check valve and reclaimed water ID logo cap	20	122.94
HI-I2006SS	Adjustable arc 50–360°, with stainless steel riser, with check valve	20	147.54
HI-I2006SSR	Adjustable arc 50–360°, with stainless steel riser, with check valve and reclaimed water ID logo cap	20	162.89

**I-20, 30 cm (12") Pop-up Rotor** with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-I2012	Adjustable arc 50–360°, with check valve	12	\$159.80
HI-I2012R	Adjustable arc 50–360°, with check valve and reclaimed water ID logo cap	12	180.03

Note: All I-20 model sprinklers include a complete set of nozzles.

I-20 MPR Nozzles



Code	Description	Qty/Bag	List Price
HI-MPR25	Matched Precipitation Nozzle Rack with all 7.6 m radius nozzles. Includes a Quarter, Third, Half and Full Circle nozzle.	25	\$0.64
HI-MPR30	Matched Precipitation Nozzle Rack with all 9.1 m radius nozzles. Includes a Quarter, Third, Half and Full Circle nozzle.	25	0.64
HI-MPR35	Matched Precipitation Nozzle Rack with all 10.6 m radius nozzles. Includes a Quarter, Third, Half and Full Circle nozzle.	25	0.64



I-20: Pressure-Regulated Rotors

I-20, Shrub Rotor with PRB Body with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-I2000PRB	PRB Body, Adjustable arc 50-360°, with check valve	20	\$87.51
HI-I2000RPRB	PRB Body, Adjustable arc 50-360°, with check valve and reclaimed water ID logo cap	20	99.70



I-20, 10 cm (4") Pop-up Rotor with PRB Body with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-I2004PRB	PRB Body, Adjustable arc 50-360, with plastic riser, with check valve	20	\$90.11
HI-I2004RPRB	PRB Body, Adjustable arc 50-360, with plastic riser, with check valve and reclaimed water ID logo cap	20	103.43
HI-I2004SSPRB	PRB Body, Adjustable arc 50-360, with stainless steel, with check valve	20	118.66
HI-I2004SSRPRB	PRB Body, Adjustable arc 50-360, with stainless steel, with check valve and reclaimed water ID logo cap	20	133.92



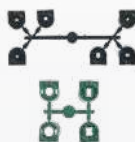
I-20, 15 cm (6") Pop-up Rotor PRB Body with 8 standard blue and 4 low angle grey nozzles, 3/4" inlet

Code	Description	Qty/Box	List Price
HI-I2006PRB	PRB Body, Adjustable arc 50-360, with plastic riser, with check valve	20	\$122.32
HI-I2006RPRB	PRB Body, Adjustable arc 50-360, with plastic riser, with check valve and reclaimed water ID logo cap	20	135.23
HI-I2006SSPRB	PRB Body, Adjustable arc 50-360, with stainless steel, with check valve	20	159.80
HI-I2006SSRPRB	PRB Body, Adjustable arc 50-360, with stainless steel, with check valve and reclaimed water ID logo cap	20	175.18

Note: All I-20 model sprinklers include a complete set of nozzles.

I-20 Accessories

Code	Description	Qty/Bag	List Price
HI-782900	Blue nozzle rack (Nozzles 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0 and 2.0 LA, 2.5 LA, 3.5 LA, 4.5 LA)	200	\$1.33
HI-356605	Dark Blue nozzle rack (Nozzles 1.0, 1.5, 2.0, 3.0, 3.5, 4.0, 6.0, 8.0 and 2.0 LA, 2.5 LA, 3.5 LA, 4.5 LA)	25	1.33
HI-466100	Black short radius nozzle rack (Nozzles 5.5 m -.50. 1.0, 2.0 and 7.6 m -.75, 1.5, 3.0)	50	1.31
HI-444800	Green high flow nozzle rack (Nozzles 10, 13 and 6.0, 8.0 LA)	25	5.25
HI-102600	Standard black filter screen	1	1.33
HI-142300	Standard black filter screen with check valve	25	2.60
HI-463551	Rotor staking kit (for models PGP-00 & I20-00)	1	10.35
HI-PR075	Rotor Pressure Regulator 3/4" inlet x outlet	20	14.63



I-25: Gear-Driven Rotors

**I-25, 10 cm (4") Pop-up Rotor with 1" BSP inlet.**

Code	Description	Qty/Box	List Price
HI-I2504B	Adjustable arc, 50–360°, plastic riser, with check valve	12	\$170.64
HI-I2504RB	Adjustable arc, 50–360°, plastic riser, with check valve and reclaimed water ID logo cap	12	201.68
HI-I2504SSB	Adjustable arc, 50–360°, stainless riser, with check valve	12	223.38
HI-I2504SSRB	Adjustable arc, 50–360°, stainless riser, with check valve and reclaimed water ID logo cap	12	248.25

**Special Purpose I-25, 10 cm (4") Pop-up Rotor with 1" BSP inlet.**

Code	Description	Qty/Box	List Price
HI-I2504SSHSB	High speed, adjustable arc, 50–360°, stainless riser, with check valve	12	\$593.77
HI-I2504SSHSRB	High speed, adjustable arc, 50–360°, stainless riser, with check valve and reclaimed water ID logo cap	12	666.19

**I-25, 15 cm (6") Pop-up Rotor with 1" BSP inlet.**

Code	Description	Qty/Box	List Price
HI-I2506B	Adjustable arc, 50–360°, plastic riser, with check valve	12	\$226.53
HI-I2506RB	Adjustable arc, 50–360°, plastic riser, with check valve and reclaimed water ID logo cap	12	251.34
HI-I2506SSB	Adjustable arc, 50–360°, stainless riser, with check valve	12	273.06
HI-I2506SSRB	Adjustable arc, 50–360°, stainless riser, with check valve and reclaimed water ID logo cap	12	297.86

**Special Purpose I-25, 15 cm (6") Pop-up Rotor with 1" BSP inlet.**

Code	Description	Qty/Box	List Price
HI-I2506SSHSB	High speed, adjustable arc, 50–360°, stainless riser, with check valve	12	\$651.69
HI-I2506SSHSRB	High speed, adjustable arc, 50–360°, stainless riser, with check valve and reclaimed water ID logo cap	12	724.10

Note: All I-25 model sprinklers are packaged with nozzles #7, 10, 15, 20 and 25.

**I-40: Gear-Driven Rotors****I-40, 10 cm (4") Pop-up Rotor with 1" BSP inlet**

Code	Description	Qty/Box	List Price
HI-I4004SSB	Adjustable arc, 50–360°, stainless riser, with check valve	12	\$338.20
HI-I4004SSRB	Adjustable arc, 50–360°, stainless riser, with check valve and reclaimed water ID logo cap	12	363.05
HI-I4004SSONB	Full-circle, with opposing nozzles, with stainless steel riser and check valve	12	384.73
HI-I4004SSONRB	Full-circle, with opposing nozzles, with stainless riser and check valve and reclaimed water ID logo cap	12	409.55

Special Purpose I-40, 10 cm (4") Pop-up Rotor with 1" BSP inlet

Code	Description	Qty/Box	List Price
HI-I4004SSHSB	High speed, adjustable arc, 50–360°, stainless riser, with check valve	12	\$593.77
HI-I4004SSHSRB	High speed, adjustable arc, 50–360°, stainless riser, with check valve and reclaimed water ID logo cap	12	666.19

**I-40, 15 cm (6") Pop-up Rotor with 1" BSP inlet**

Code	Description	Qty/Box	List Price
HI-I4006SSB	Adjustable arc, 50–360°, stainless riser, with check valve	12	\$387.86
HI-I4006SSRB	Adjustable arc, 50–360°, stainless riser, with check valve and reclaimed water ID logo cap	12	412.64
HI-I4006SSONB	Full-circle, with opposing nozzles, with stainless steel riser and check valve	12	418.83
HI-I4006SSONRB	Full-circle, with opposing nozzles, with stainless riser, with check valve and reclaimed water ID logo cap	12	443.66

Special Purpose I-40, 15 cm (6") Pop-up Rotor with 1" BSP inlet

Code	Description	Qty/Box	List Price
HI-I4006SSHSB	High speed, adjustable arc, 50–360°, stainless riser, with check valve	12	\$651.69
HI-I4006SSHSRB	High speed, adjustable arc, 50–360°, stainless riser, with check valve and reclaimed water ID logo cap	12	724.10

Note: All I-40 model sprinklers include a complete set of nozzles.



I-80: Gear-Driven Rotors

I-80, 10 cm (4") Pop-up Rotor with 1½ BSP inlet

Code	Description	Qty/Box	List Price
HI-I8004SSB	Adjustable arc (70°-360°), with stainless steel riser and check valve	6	\$632.91
HI-I8004SSONB	Full-circle, with opposing nozzles, stainless steel riser, and check valve	6	681.42

Note: All I-80 model sprinklers are packaged with nozzles #23 - #53.



I-90: Gear-Driven Rotors

I-90, Riser-Mounted Rotor with 1½" BSP inlet and Factory-Installed Nozzle

Code	Description	Qty/Box	List Price
HI-I90ADVB	Adjustable arc with check valve	6	\$629.60
HI-I9036VB	Full-circle with check valve	6	629.60
HI-I90ARV-B	Adjustable arc with check valve and reclaimed water ID logo cap	6	644.65
HI-I903RV-B	Full-circle with check valve and reclaimed water ID logo cap	6	644.65

Note: All I-90 model sprinklers include a complete set of 8 nozzles. Nozzle No. 53 is factory installed.

Rotor Accessories

Code	Description	Qty/Box	List Price
HI-222700	Sub-surface stabilizer flange (I-25 and I-40 Rotors)	1	\$13.07
HI-TURFCUPKITI40	Turf cup kit, converts I-40 sprinklers built after Nov 2013 to turf cup model	1	128.79
HI-959300SP	I-80 Rubber Cover Kit	1	301.96
HI-959400SP	I-80 Turf Cup Kit	1	301.96
HI-467955	Turf Cup Kit, converts I-90 sprinklers to turf cup model	1	182.93
HI-234200	Rubber Cover Kit, I-90-ADV*	1	182.93
HI-234201	Rubber Cover Kit, I-90-36V*	1	182.93
HI-382800SP	Arc adjustment/riser hold-up: I-80, G-85B, and G-885	1	13.21
HI-803700SP	Nozzle removal/installation: I-80, G-85B, and G-885 short/mid-range nozzles	1	93.81
HI-251000SP	Snap Ring Tool	1	69.65
HI-319100SP	T-Handle Tool: VIH selector, nozzle insertion, lift up, and arc adjustment	1	7.46

Note: *Rubber Cover Kit: I90-ADV: P/N HI-234200 (all) I90-36V: P/N HI-234200 (0711 date code and after) I90-36V: P/N HI-234201 (0611 date code and prior only)



STG-1600-KIT-B

Code	Description	Qty/Box	List Price
HI-ST1600KITB	All items listed below make up the ST-1600-KITB		
HI-ST1600HSB	High-speed pop-up, adjustable arc (40°–360°), 50 mm (2") BSP inlet	1	\$4,681.25
HI-STIBS1600	Infill barrier system rubber cover kit for ST-1600-HS-B rotor	1	581.81
HI-STBKT1600	Rotor vault hanger and grade adjustment bracket for ST-1600-HS-B rotor	1	969.66
HI-ST243636B	Composite vault, pre-cast hole for rotor and 2 x quick access ports for quick coupler and remote on-off-auto selector	1	6,681.48
HI-STBVF30K	Manifold butterfly valve and Victaulic™ coupling fitting kit	1	3,729.51
HI-STV30KV	80 mm (3") metal control valve, 80 mm grooved Victaulic inlet/outlet fittings, solenoid and on-off-auto selector manifold	1	5,249.41
HI-STSPK	Adjustable manifold support stand, two required per vault	2	372.97
HI-STH30K	Flexible 80 mm (3") x 660 mm (26") braided stainless steel manifold inlet hose, 80 mm (3") female NPT inlet x 80 mm (3") Victaulic outlet	1	2,073.62
HI-HQ5RCBSP	Quick coupler, 25 mm (1") NPT inlet, 32 mm (1¼") outlet for key	1	353.20

ST SYSTEM



ST Rotors

Code	Description	Qty/Box	List Price
HI-ST90B83	Pop-up, jar top, adjustable arc (40°–360°), 40mm (1½") BSP inlet	6	\$1,178.50
HI-STG90083	Pop-up, top service, adjustable arc (40°–360°), 40 mm (1½") Acme inlet, for kits (STG-900-KIT-B)	4	1,268.04
HI-ST1200BR	Riser mount, adjustable from 40° to 360°, 1½" (40mm) BSP inlet, with five nozzles included (10–18)	6	1,212.51
HI-ST1600HSB	High-speed pop-up, adjustable arc (40°–360°), 50 mm (2") BSP inlet, for kit (ST-1600-KIT-B)	1	4,681.25
HI-ST1600HSBR	High-speed riser mount, adjustable arc (40°–360°), 50 mm (2") BSP inlet	6	2,486.41
NEW HI-ST1700VB	Valve-in-head pop-up, Total-Top-Serviceable, adjustable arc (40°–360°), 50 mm (2") BSP inlet	1	5,817.00

ST Rotor Cover Kits

Code	Description	Qty/Box	List Price
HI-STIBS1600	Infill barrier system rubber cover kit for ST-1600-HS-B rotor (ST-1600-KIT-B)	1	\$581.81
HI-STIBS1700	Infill Barrier system rubber cover kit for ST-1700-HS-B Rotor.	2	811.40
HI-STADHK	Adhesive for attaching artificial turf, track or ST-FRP-1600 to the infill barrier system	1	311.28
HI-STFRP1600	Simulated concrete cover for attachment to flattened IBS	2	372.97
HI-234200	ST-90 rubber cover kit	1	182.93
HI-473900SP	STG-900 rubber cover kit (STG-900-KIT-B)	1	407.48

ST Vaults

Code	Description	Qty/Box	List Price
HI-ST243636B	Composite vault, pre-cast hole for rotor and 2 x quick access ports for quick coupler and remote on-off-auto selector (ST-1600-KIT-B)	2 per pallet	\$6,681.48
HI-ST173026B	Composite vault, pre-cast hole for rotor and quick coupler (STG-900-KIT-B)	2 per pallet	6,647.20

ST Brackets and Supports

Code	Description	Qty/Box	List Price
HI-STBKT1600	Rotor vault hanger and grade adjustment bracket for ST-1600B rotor (for STK-5V & STK-6V)	1	\$969.66
HI-STSPK	Adjustable manifold support stand; two required per vault (for STK-5V, STK-6V & ST-QCV-2)	2	372.97
HI-STBKTQCV	Hanger bracket for quick coupler	1	329.99

ST Valves

Code	Description	Qty/Box	List Price
HI-STV30KV	80 mm (3") metal control valve, 80 mm grooved Victaulic inlet/outlet fittings, solenoid and on-of-auto selector manifold (ST-1600-KIT-B)	1	\$5,249.41
HI-STVBVFK	ICV-151G Valve, manifold ball valve, 40 mm (1 1/2") Acme inlet, 40 mm (1 1/2") Acme outlet (STG-900-KIT-B)	1	1,044.26
HI-HQ5RCBSP	Quick Coupler, 25 mm (1") BSP inlet, 32 mm (1 1/4") outlet for key (STG-900-KIT-B) (ST-1600-KIT-B)	10	353.20

ST Solenoids

Code	Description	Qty/Box	List Price
HI-STSSA	AC standard solenoid kit	1	\$268.96
HI-STLSA	DC latching solenoid kit	1	238.68
HI-STV2030KIT	Remotely located solenoid and on-off-auto selector manifold	1	2,048.33

ST Manifold

Code	Description	Qty/Box	List Price
HI-STBVF30K	Manifold butterfly valve and fitting kit (ST-1600-KIT-B)	1	\$3,729.51
HI-STH30K	Flexible 80 mm (3") x 660 mm (26") braided stainless steel manifold inlet hose, 80 mm (3") female NPT inlet x 80 mm (3") Victaulic outlet (ST-1600-KIT-B)	1	2,073.62
HI-ST2008VA	VA swing joint, 5 cm PVC, 7 Acme pivot points (STG-900-KIT-B)	1	1,268.04
HI-239800	40 mm (1 1/2") elbow, female Acme to male Acme, connects STG-900 rotor to ST-VBVF-K (STG-900-KIT-B)	1	50.97
HI-239300	40 mm (1 1/2") coupling, male Acme to male Acme	1	24.83
HI-239302	40 mm (1 1/2") coupling, male Acme to male BSP	1	24.83
HI-241400SP	Adapter, converts 50 mm (2") PVC pipe to 50 mm (2") male BSP threads	5	24.83
HI-241401SP	Adapter, converts 40 mm (1 1/2") PVC pipe to 40 mm (1 1/2") male BSP threads	5	19.44

ST Tools

Code	Description	Qty/Box	List Price
HI-517600SP	ST rotor service tool for removing gear drive	1	\$151.57
HI-251000SP	STG-900 and ST1700V Snap ring removal tool	1	69.65
HI-10000100SP	ST-1700V valve removal tool	1	253.82



MP Rotator



MP800SR

Code	Description	Qty/Box	List Price
HI-MP800SR90	MP800SR: Adjustable radius 1.8 m - 3.5 m, adjustable arc 90-210°, female threaded (orange)	10	\$25.31
HI-MP800SR360	MP800SR: Adjustable radius 1.8 m - 3.5 m, 360° female threaded (lime green)	10	25.31



MP815

Code	Description	Qty/Box	List Price
HI-MP81590	Adjustable radius 2.5 m to 4.9 m, adjustable arc 90°-210°, female threaded, (maroon)	10	\$25.31
HI-MP815210	Adjustable radius 2.5 m to 4.9 m, adjustable arc 210-270°, female threaded (light blue)	10	25.31
HI-MP815360	Adjustable radius 2.5 m to 4.9 m, 360° female threaded (olive)	10	25.31

NEW

MP820



Code	Description	Qty/Box	List Price
HI-MP82090	MP820: Adjustable radius 4.6 m - 7.3 m, adjustable arc 90°, female threaded (Black)	10	\$25.31
HI-MP820210	MP820: Adjustable radius 4.6 m - 7.3 m, adjustable arc 210°, female threaded (Green)	10	25.31
HI-MP820360	MP820: Adjustable radius 4.6 m - 7.3 m, adjustable arc 360°, female threaded (Red)	10	25.31

MP1000



Code	Description	Qty/Box	List Price
HI-MP100090	MP1000: Adjustable radius 2.5 m-4.5 m, adjustable arc 90-210°, female threaded (maroon)	10	\$25.31
HI-MP1000210	MP1000: Adjustable radius 2.5 m-4.5 m, adjustable arc 210-270°, female threaded (light blue)	10	25.31
HI-MP1000360	MP1000: Adjustable radius 2.5 m-4.5 m, 360° female threaded (olive)	10	25.31

MP2000



Code	Description	Qty/Box	List Price
HI-MP200090	MP2000: Adjustable radius 4.0 m-6.4 m, adjustable arc 90-210°, female threaded (black)	10	\$25.31
HI-MP2000210	MP2000: Adjustable radius 4.0 m-6.4 m, adjustable arc 210-270°, female threaded (green)	10	25.31
HI-MP2000360	MP2000: Adjustable radius 4.0 m-6.4 m, 360°, female threaded (red)	10	25.31

MP3000



Code	Description	Qty/Box	List Price
HI-MP300090	MP3000: Adjustable radius 6.7 m-9.1 m, adjustable arc 90-210°, female threaded (blue)	10	\$25.31
HI-MP3000210	MP3000: Adjustable radius 6.7 m-9.1 m, adjustable arc 210-270°, female threaded (yellow)	10	25.31
HI-MP3000360	MP3000: Adjustable radius 6.7 m-9.1 m, 360°, female threaded (grey)	10	25.31

MP3500



Code	Description	Qty/Box	List Price
HI-MP350090	MP3500: Adjustable radius 9.4 m-10.7 m, adjustable arc 90-210°, female threaded (tan)	10	\$25.31

MP Rotator



MP1000HT*

Code	Description	Qty/Box	List Price
HI-MP1000HT90	MP1000: Adjustable radius 2.5 m–4.5 m, adjustable arc 90–210°, male threaded (maroon)	10	\$34.49
HI-MP1000HT360	MP1000: Adjustable radius 2.5 m–4.5 m, 360°, male threaded (olive)	10	34.49

Note: The MP1000HT210 light blue nozzle not available with male threads.



MP2000HT*

Code	Description	Qty/Box	List Price
HI-MP2000HT90	MP2000: Adjustable radius 4 m–6.4 m, adjustable arc 90–210°, male threaded (black)	10	\$34.49
HI-MP2000HT210	MP2000: Adjustable radius 4 m–6.4 m, adjustable arc 210–270°, male threaded (green)	10	34.49
HI-MP2000HT360	MP2000: Adjustable radius 4 m–6.4 m, 360°, male threaded (red)	10	34.49



MP3000HT*

Code	Description	Qty/Box	List Price
HI-MP3000HT90	MP3000: Adjustable radius 6.7 m–9.1 m, adjustable arc 90–210°, male threaded (blue)	10	\$34.49
HI-MP3000HT210	MP3000: Adjustable radius 6.7 m–9.1 m, adjustable arc 210–270°, male threaded (yellow)	10	34.49
HI-MP3000HT360	MP3000: Adjustable radius 6.7 m–9.1 m, 360°, male threaded (grey)	10	34.49

MP Corner



Code	Description	Qty/Box	List Price
HI-MPCORNER	MP Corner: Adjustable radius 2.5 m–4.5 m, adjustable arc 45–105°, female threaded (turquoise)	10	\$25.31

MP Strip



Code	Description	Qty/Box	List Price
HI-MPLCS515	MP Left Corner Strip, 1.5 m x 4.6 m, female threaded (ivory)	10	\$25.31
HI-MPRCS515	MP Right Corner Strip, 1.5 m x 4.6 m, female threaded (copper)	10	25.31
HI-MPSS530	MP Side Strip, 1.5 m x 9.1 m, female threaded (brown)	10	25.31

MP Corner HT*



Code	Description	Qty/Box	List Price
HI-MPCORNERHT	MP Corner: adjustable radius 2.5 m–4.5 m, adjustable arc 45–105°, male threaded (turquoise)	10	\$34.49

MP Strip HT*



Code	Description	Qty/Box	List Price
HI-MPLCSHT515	MP Left Corner Strip, 1.5 m x 4.6 m, male threaded (ivory)	10	\$34.49
HI-MPRCSHT515	MP Right Corner Strip, 1.5 m x 4.6 m, male threaded (copper)	10	34.49
HI-MPSSH530	MP Side Strip, 1.5 m x 9.1 m, male threaded (brown)	10	34.49

Note: *Represents male threaded version.

MP Stake: Preassembled Staking Kit for MP Rotator



Code	Description	Qty/Box	List Price
HI-MPSTAKE	70cm staking kit, 0.345" tubing to 1/2" male fitting, PROS00 shrub	10	\$67.30
HI-MPSTAKEPRS40CV	86cm staking kit, 0.345" tubing to 1/2" male fitting, Hunter Check Valve, PROS00PRS40 pressure regulated shrub adapter	10	103.66

Note: See also page 114.

MP Rotator Filter Screens

Code	Description	Qty/Box	List Price
HI-MP8SCREEN	Very fine-MP800SR	50	\$0.64
HI-MPFSCREEN	Fine-MP2000/MP1000	50	0.64
HI-MPCSCREEN	Coarse-MP3000/MP3500	50	0.64
HI-MPTFSCREEN	Fine-MP2000HT/MP1000HT	50	0.64
HI-MPTCSCREEN	Coarse-MP3000HT	50	0.64

MP Rotator Tools



Code	Description	Qty/Box	List Price
HI-MPTOOL	Adjustment tool, arc/radius	10	\$3.87
HI-MPSTICK	2-piece tool kit, arc/radius, decal included	1	9.34
HI-MPADAPTER	Pressure gauge adapter, MP Rotator	1	6.74
HI-MPGAUGE	Pressure gauge with adapter	1	130.65
10594	MPR to ACME Adapter	1	5.12

For MP Quick Connector & MP Riser See Page 114.

Eco-Rotator: Rotary Sprinkler Combination



Model Eco-Rotator, 10 cm (4") Pop-up Sprinkler with integral MP Rotator nozzle and 1/2" inlet

Code	Description	Qty/Box	List Price
HI-ECO-04-800SR90	Eco-Rotator 10cm sprinkler with MP-800SR-90 90° to 210° (grey and orange)	50	\$36.21
HI-ECO-04-800SR360	Eco-Rotator 10cm sprinkler with MP-800SR-360 360° (grey and lime green)	50	36.21
HI-ECO-04-1090	Eco-Rotator 10cm (4") sprinkler with MP1000 90-210° (maroon)	50	36.22
HI-ECO-04-2090	Eco-Rotator 10cm (4") sprinkler with MP2000 90-210° (black)	50	36.22
HI-ECO-04-3090	Eco-Rotator 10cm (4") sprinkler with MP3000 90-210° (blue)	50	36.22
HI-ECO-04-10360	Eco-Rotator 10 cm (4") sprinkler with MP1000 360° (olive)	50	36.22
HI-ECO-04-20360	Eco-Rotator 10cm (4") sprinkler with MP2000 360° (red)	50	36.22
HI-ECO-04-30360	Eco-Rotator 10cm (4") sprinkler with MP3000 360° (grey)	50	36.22

PS Ultra: Sprays with Pre-Installed Nozzle

**Model PS Ultra, 5 cm (2") Pop-up Sprays** with pre-installed nozzle or flush plug and 1/2" inlet

Code	Description	Qty/Box	List Price
HI-PSU-02	with flush plug, no large screen	100	\$7.46
HI-PSU028A	2.4 m (8') radius, adjustable arc (0°–360°), no large screen	100	8.67
HI-PSU-0210A	3.0 m (10') radius, adjustable arc (0–360°), no large screen	100	8.67
HI-PSU-0212A	3.7 m (12') radius, adjustable arc (0–360°), no large screen	100	8.67
HI-PSU-0215A	4.6 m (15') radius, adjustable arc (0–360°), no large screen	100	8.67
HI-PSU-0217A	5.2 m (17') radius, adjustable arc (0–360°), no large screen	100	8.67
HI-PSU-025SS	1.5 m x 9.1 m, side strip, no large screen	100	8.67

**Model PS Ultra, 10 cm (4") Pop-up Sprays** with pre-installed nozzle or flush plug and 1/2" inlet

Code	Description	Qty/Box	List Price
HI-PSU-04	with flush plug, no large screen	100	\$6.60
HI-PSU048A	2.4 m (8') radius, adjustable arc (0°–360°)	100	8.26
HI-PSU048ANFO	2.4 m (8') radius, adjustable arc (0°–360°), Nozzle Filter Only	100	7.92
HI-PSU-0410A	3.0 m (10') radius, adjustable arc (0–360°)	100	8.26
HI-PSU-0410A-NFO	3.0 m (10') radius, adjustable arc (0–360°), Nozzle Filter Only	100	7.92
HI-PSU-0412A	3.7 m (12') radius, adjustable arc (0–360°)	100	8.26
HI-PSU-0412A-NFO	3.7 m (12') radius, adjustable arc (0–360°), Nozzle Filter Only	100	7.92
HI-PSU-0415A	4.6 m (15') radius, adjustable arc (0–360°)	100	8.26
HI-PSU-0415A-NFO	4.6 m (15') radius, adjustable arc (0–360°), Nozzle Filter Only	100	7.92
HI-PSU-0417A	5.2 m (17') radius, adjustable arc (0–360°)	100	8.26
HI-PSU-0417A-NFO	5.2 m (17') radius, adjustable arc (0–360°), Nozzle Filter Only	100	7.92
HI-PSU-045SS	1.5 m x 9.1 m, side strip	100	8.26
HI-PSU-045SS-NFO	1.5 m x 9.1 m, side strip, Nozzle Filter Only	100	7.92

**Model PS Ultra, 15 cm (6") Pop-up Sprays** with pre-installed nozzle or flush plug and 1/2" inlet

Code	Description	Qty/Box	List Price
HI-PSU-06	with flush plug, no large screen	100	\$20.39
HI-PSU-068A	2.4 m (8') radius, adjustable arc (0°–360°)	100	23.88
HI-PSU-0610A	3.0 m (10') radius, adjustable arc (0–360°)	100	23.88
HI-PSU-0612A	3.7 m (12') radius, adjustable arc (0–360°)	100	23.88
HI-PSU-0615A	4.6 m (15') radius, adjustable arc (0–360°)	100	23.88
HI-PSU-0617A	5.2 m (17') radius, adjustable arc (0–360°)	100	23.88

PS Ultra Accessories



Code	Description	Qty/Box	List Price
HI-162900	PS Ultra replacement filter screen (fits 10 cm and 15 cm bodies)	25	\$2.37
HI-462237	PS Ultra drain check valve, field installed - Bag of 25 (available for 10 cm and 15 cm bodies only)		58.79
HI-916400	Shut-off nozzle for PS Ultra and Pro-Spray	10	5.18

Pro-Spray™: Residential/Commercial Spray

Pro-Spray Sprinkler Bodies with 1/2" inlet

Code	Description	Qty/Box	List Price
HI-PROS-00	Shrub adapter, fits onto 1/2" NPT riser, female threaded nozzles	25/250	\$4.03
HI-PROS-02	5 cm (2") pop-up spray body, accepts female threaded nozzles	50	8.26
HI-PROS-03	7.5 cm (3") pop-up spray body, accepts female threaded nozzles	50	8.26
HI-PROS-04	10 cm (4") pop-up spray body, accepts female threaded nozzles	50	6.79
HI-PROS-06	15 cm (6") pop-up spray body, no side inlet, accepts female threaded nozzles (Formerly PROS-06-NSI)	25	28.33
HI-PROS-12	30 cm (12") pop-up spray body, no side inlet, accepts female threaded nozzles (Formerly PROS-12-NSI)	25	45.15
HI-PROS-06-SI	15 cm (6") pop-up spray body, with side inlet, accepts female threaded nozzles (formerly PROS-06)	25	31.04
HI-PROS-12-SI	30 cm (12") pop-up spray body, with side inlet, accepts female threaded nozzles (formerly PROS-12)	25	51.66
HI-PROS04CV	10 cm (4") pop-up spray body with check valve, accepts female threaded nozzles	50	18.13
HI-PROS06CV	15 cm (6") pop-up spray body with check valve, no side inlet, accepts female threaded nozzles	25	45.15
HI-PROS12CV	30 cm (12") pop-up spray body with check valve, no side inlet, accepts female threaded nozzles	25	61.62
HI-PROS00R	Shrub adapter, fits onto 1/2" NPT riser, female threaded, reclaimed water version	25/250	7.59
HI-PROS04CVR	10 cm (4") pop-up spray body with check valve, accepts female threaded nozzles, with reclaimed water body cap	50	32.47
HI-PROS06CVR	15 cm (6") pop-up spray body with check valve, no side inlet, accepts female threaded nozzles, with reclaimed water body cap	25	59.25
HI-PROS12CVR	30 cm (12") pop-up spray body with check valve, no side inlet, accepts female threaded nozzles, with reclaimed water body cap	25	78.21

Pro-Spray Accessories

Code	Description	Qty/Box	List Price
HI-PROSRCCAP	Snap-on reclaimed water identification cap, fits Pro-Spray bodies	1	\$4.74
HI-458520	Reclaimed water thread-on body cap, Pro-Spray	25	10.33
HI-458525	Reclaimed water thread-on body cap, Pro-Spray with check valve ID	1	10.33
HI-458560	Pro-Spray PRS30 reclaimed water thread-on body cap with check valve ID	1	10.33
HI-PROSPRS30VPC	Pro-Spray PRS30 brown vandal proof cap	1	10.45
HI-458562	Pro-Spray PRS40 reclaimed water thread-on body cap with check valve ID	1	10.33
HI-213600	Shut off cap for Pro-Spray, thread-on - Bag of 5		25.90
HI-916400SP	Shut-off nozzle for PS Ultra and Pro Spray	10	5.18
HI-437400	Drain check valve for all pop up Pro-Spray models	5	2.60

Pro-Spray PRS30: 2.1bar (210 kPa) Pressure Reg. Commercial Sprays

**Pro-Spray PRS30 Sprinkler Bodies** with 1/2" inlet (brown cap), Accepts Female Threaded Nozzles

Code	Description	Qty/Box	List Price
HI-PROS-00-PRS30	Pressure regulated shrub adapter, fits onto 1/2" NPT riser, accepts standard female threaded nozzles	25/250	\$20.02
HI-PROS-03-PRS30	Sprinkler Body, 7.5cm (3") pop-up spray body with pressure regulator, accepts female threaded nozzles	50	26.30
HI-PROS-04-PRS30	10 cm (4") pop-up spray body with pressure regulator, accepts female threaded nozzles	50	24.90
HI-PROS-06-PRS30	15 cm (6") pop-up spray body with pressure regulator, no side inlet, accepts female threaded nozzles (Formerly PROS-06-NSI-PRS30)	25	57.36
HI-PROS-12-PRS30	30 cm (12") pop-up spray body with pressure regulator, no side inlet, accepts female threaded nozzles (Formerly PROS-12-NSI-PRS30)	25	68.73
HI-PROS-06-SI-PRS30	15 cm (6") pop-up spray body with pressure regulator, with side inlet, accepts female threaded nozzles	25	62.82
HI-PROS-12-SI-PRS30	30 cm (12") pop-up spray body with pressure regulator, with side inlet, accepts female threaded nozzles	25	73.24
HI-PROS-04-PRS30-CV	10 cm (4") pop-up spray body with pressure regulator and check valve, accepts female thread nozzles	50	32.70
HI-PROS-06-PRS30-CV	15 cm (6") pop-up spray body with pressure regulator and check valve, no side inlet, accepts female thread nozzles	25	72.04
HI-PROS-12-PRS30-CV	30 cm (12") pop-up spray body with pressure regulator and check valve, no side inlet, accepts female thread nozzles	25	88.17
HI-PROS04PRS30CVF	10 cm (4") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female thread nozzles	50	39.58
HI-PROS06PRS30CVF	15 cm (6") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female thread nozzles	25	79.41
HI-PROS12PRS30CVF	30 cm (12") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female thread nozzles	25	97.17
HI-PROS-00-PRS30-R	Pressure regulated shrub adapter, fits onto 1/2" NPT riser, reclaimed water body, accepts standard female threaded nozzles	25/250	27.73
HI-PROS-04-PRS30-CV-R	10 cm (4") pop-up spray body with check valve, accepts female thread nozzles, with reclaimed water body cap	50	44.32
HI-PROS-06-PRS30-CV-R	15 cm (6") pop-up spray body with check valve, no side inlet, accepts female thread nozzles, with reclaimed water body cap	25	81.78
HI-PROS-12-PRS30-CV-R	30 cm (12") pop-up spray body with check valve, no side inlet, accepts female thread nozzles, with reclaimed water body cap	25	101.91
HI-PROS04PRS30CVFR	10 cm (4") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female thread nozzles, with reclaimed water body cap	50	51.43
HI-PROS06PRS30CVFR	15 cm (6") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female thread nozzles, with reclaimed water body cap	25	93.63
HI-PROS12PRS30CVFR	30 cm (12") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female thread nozzles, with reclaimed water body cap	25	113.76

Pro-Spray PRS40: 2.8bar (280 kPa) Pressure Reg. Commercial Sprays

Pro-Spray PRS40 Sprinkler Bodies with 1/2" inlet (grey cap). Accepts Female Threaded Nozzles

Code	Description	Qty/Box	List Price
HI-PROS-00-PRS40	Pressure regulated shrub adapter, fits onto 1/2" NPT riser, accepts standard female threaded nozzles	25/250	\$20.02
HI-PROS-03-PRS40	7.5cm (3") pop-up spray body with pressure regulator, accepts female threaded nozzles	50	26.30
HI-PROS04PRS40	10 cm pop-up spray body with pressure regulator, accepts female threaded nozzles	50	24.90
HI-PROS06PRS40	15 cm pop-up spray body with pressure regulator, no side inlet, accepts female threaded nozzles	25	57.36
HI-PROS12PRS40	30 cm pop-up spray body with pressure regulator, no side inlet, accepts female threaded nozzles	25	68.73
HI-PROS06SIPRS40	15 cm pop-up spray body with pressure regulator, with side inlet, accepts female threaded nozzles	25	62.82
HI-PROS12SIPRS40	30 cm pop-up spray body with pressure regulator, with side inlet, accepts female threaded nozzles	25	73.24
HI-PROS-04-PRS40-CV	10 cm (4") pop-up spray body with pressure regulator and check valve, accepts female threaded nozzles	50	32.70
HI-PROS-06-PRS40-CV	15 cm (6") pop-up spray body with pressure regulator and check valve, no side inlet, accepts female threaded nozzles	25	72.04
HI-PROS-12-PRS40-CV	30 cm (12") pop-up spray body with pressure regulator and check valve, no side inlet, accepts female threaded nozzles	25	88.17
HI-PROS04PRS40CVF	10 cm (4") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female threaded nozzles	50	39.58
HI-PROS06PRS40CVF	15 cm (6") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female threaded nozzles	25	79.41
HI-PROS12PRS40CVF	30 cm (12") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female threaded nozzles	25	97.17
HI-PROS-00-PRS40-R	Pressure regulated shrub adapter, fits onto 1/2" NPT riser, reclaimed water body, accepts standard female threaded nozzles	25/250	27.73
HI-PROS-04-PRS40-CV-R	10 cm (4") pop-up spray body with pressure regulator and check valve, accepts female threaded nozzles, with reclaimed water body cap	50	44.32
HI-PROS-06-PRS40-CV-R	15 cm (6") pop-up spray body with pressure regulator and check valve, no side inlet, accepts female threaded nozzles, with reclaimed water body cap	25	81.78
HI-PROS-12-PRS40-CV-R	30 cm (12") pop-up spray body with pressure regulator and check valve, no side inlet, accepts female threaded nozzles, with reclaimed water body cap	25	101.91
HI-PROS04PRS40CVFR	10 cm (4") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female threaded nozzles	50	51.43
HI-PROS06PRS40CVFR	15 cm (6") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female threaded nozzles, with reclaimed body cap	25	93.63
HI-PROS12PRS40CVFR	30 cm (12") pop-up spray body with pressure regulator, check valve and FloGuard™ technology, accepts female threaded nozzles, with reclaimed body cap	25	113.76

Filter Screens

Code	Description	List Price
HI-464716	Replacement filter screen for spray nozzles (fine mesh) - Bag of 25	\$11.50
HI-464717	Replacement filter screen for spray nozzles (coarse mesh) - Bag of 25	11.50
HI-207700	Replacement filter screen for 1/ 2" threaded bubblers - Bag of 25	14.50



Sprays & Nozzles

High Efficiency Pro-Adjustable Nozzles, female thread



Code	Description	Qty/Box	List Price
HI-8AHE	2.4m (8') radius High Efficiency adjustable arc nozzle (0-360°)	25/250	\$4.53
HI-10AHE	3.0m (10') radius High Efficiency adjustable arc nozzle (0-360°)	25/250	4.53
HI-12AHE	3.7m (12') radius High Efficiency adjustable arc nozzle (0-360°)	25/250	4.53
HI-15AHE	4.6m (15') radius High Efficiency adjustable arc nozzle (0-360°)	25/250	4.53
HI-17AHE	5.2m (17') radius High Efficiency adjustable arc nozzle (0-360°)	25/250	4.53

Precision Distribution Control Pro-Adjustable Nozzles*, female thread



Code	Description	Qty/Box	List Price
HI-4A	1.2 m (4') radius adjustable arc nozzle (0-360°)	25/250	\$4.53
HI-6A	1.8 m (6') radius adjustable arc nozzle (0-360°)	25/250	4.53
HI-8A	2.4 m (8') radius adjustable arc nozzle (0-360°)	25/250	4.53
HI-10A	3.0 m (10') radius adjustable arc nozzle (0-360°)	25/250	4.53
HI-12A	3.7 m (12') radius adjustable arc nozzle (0-360°)	25/250	4.53
HI-15A	4.6 m (15') radius adjustable arc nozzle (0-360°)	25/250	4.53
HI-17A	5.2 m (17') radius adjustable arc nozzle (0-360°)	25/250	4.53

Pro-Spray Fixed Arc Nozzles*, female thread



Code	Description	Qty/Box	List Price
HI-5Q, HI-5H, HI-5F	1.5 m (5') radius fixed arc nozzle	25/250	\$4.53
HI-8Q, HI-8T, HI-8H, HI-8F	2.4 m (8') radius, fixed arc nozzle	25/250	4.53
HI-10Q, HI-10T, HI-10H, HI-10F	3.0 m (10') radius, fixed arc nozzle	25/250	4.53
HI-12Q, HI-12T, HI-12H, HI-12F	3.7 m (12') radius, fixed arc nozzle	25/250	4.53
HI-15Q, HI-15T, HI-15H, HI-15F	4.6 m (15') radius, fixed arc nozzle	25/250	4.53
HI-17Q, HI-17H	5.2 m (17') radius, fixed arc nozzle	25/250	4.53

Short Radius Fixed Arc Nozzles*, female thread



Code	Description	Qty/Box	List Price
HI-2Q, HI-2H	0.6 m (2') radius, fixed arc nozzle	25/250	\$4.53
HI-4Q, HI-4H	1.2 m (4') radius, fixed arc nozzle	25/250	4.53
HI-6Q, HI-6H	1.8 m (6') radius, fixed arc nozzle	25/250	4.53

Specialty Spray Pattern Nozzles*, female thread



Code	Description	Qty/Box	List Price
HI-CS530	1.5 m x 9.1 m (5' x 30') centre strip nozzle	25/250	\$5.29
HI-ES515	1.5 m x 4.5 m (5' x 15') end strip nozzle	25/250	5.29
HI-LCS515	1.5 m x 4.5 m (5' x 15') corner strip nozzle, left	25/250	5.29
HI-RCS515	1.5 m x 4.5 m (5' x 15') corner strip nozzle, right	25/250	5.29
HI-SS530	1.5 m x 9.1 (5' x 30') side strip nozzle	25/250	5.29
HI-SS918	2.7 m x 5.5 (9' x 18') side strip nozzle	25/250	5.29

Note: *All nozzles include filter screen.

Bubblers and Bubbler Nozzles

**Model PCN, pressure compensating bubbler nozzles "flood pattern," female threaded**

Code	Description	Qty/Box	List Price
HI-PCN25	Pressure compensating bubbler nozzle, 0.9 l/m (0.25 GPM)	25/250	\$8.58
HI-PCN50	Pressure compensating bubbler nozzle, 1.9 l/m (0.50 GPM)	25/250	8.58
HI-PCN10	Pressure compensating bubbler nozzle, 3.8 l/m (1.0 GPM)	25/250	8.58
HI-PCN20	Pressure compensating bubbler nozzle, 7.6 l/m (2.0 GPM)	25/250	8.58

Model MSBN, Multi-stream Pressure Compensating Bubbler Nozzles
30 cm (12") radius, "spider" pattern, female threaded

Code	Description	Qty/Box	List Price
HI-MSBN25Q	Multi-stream spider bubbler nozzle, 0.9 l/m (0.25 GPM) quarter	25/250	\$8.58
HI-MSBN50H	Multi-stream spider bubbler nozzle, 1.9 l/m (0.50 GPM) half	25/250	8.58
HI-MSBN10F	Multi-stream spider bubbler nozzle, 3.8 l/m (1.0 GPM) full	25/250	8.58
HI-MSBN50Q	Multi-stream spider bubbler nozzle, 1.9 l/m (0.50 GPM) quarter	25/250	8.58
HI-MSBN10H	Multi-stream spider bubbler nozzle, 3.8 l/m (1.0 GPM) half	25/250	8.58
HI-MSBN20F	Multi-stream spider bubbler nozzle, 7.6 l/m (2.0 GPM) full	25/250	8.58

Model CST, Dual Stream Strip Pattern Bubbler Nozzles, 1.5 m (5') radius, female thread

Code	Description	Qty/Box	List Price
HI-5CSTB	1.5 m (5') radius, center stream bubbler nozzle, 1.9 l/m (0.50 GPM)	25/250	\$6.79

Model PCB, Pressure Compensating Bubbler, 1/2" thread "flood pattern"

Code	Description	Qty/Box	List Price
HI-PCB25	Pressure compensating bubbler 1/2" thread, 0.9 l/m (0.25 GPM)	25/250	\$17.19
HI-PCB50	Pressure compensating bubbler 1/2" thread, 1.9 l/m (0.50 GPM)	25/250	17.19
HI-PCB10	Pressure compensating bubbler 1/2" thread, 3.8 l/m (1.0 GPM)	25/250	17.19
HI-PCB20	Pressure compensating bubbler 1/2" thread, 7.6 l/m (2.0 GPM)	25/250	17.19

Note: Available in reclaimed purple option. Add "-R" to the Model.**Model AFB, Adjustable Flood Bubbler, 1/2" thread "flood pattern," adjustment screw**

Code	Description	Qty/Box	List Price
HI-AFB	Adjustable flood bubbler 1/2" thread, maximum flow 7.6 l/m (2.0 GPM), pressure compensating	25/250	\$12.36

Note: All Bubbler Nozzles include filter screen.

1" PGV: Professional Grade Valves



Code	Description	Qty/Box	List Price
HI-PGV100GB	25 mm (1") plastic globe valve, without flow control, female BSP inlet and outlet	20	\$64.43
HI-PGV101GB	25 mm (1") plastic globe valve, with flow control, female BSP inlet and outlet	20	68.45
HI-PGV100MMB	25 mm (1") plastic globe valve, without flow control, male BSP inlet and outlet	20	67.76
HI-PGV101MMB	25 mm (1") plastic globe valve, with flow control, male BSP inlet and outlet	20	71.77
HI-269205	Reclaimed water ID Handle for PGV101 Series	1	7.78
HI-458200	DC latching solenoid for all Hunter valves	1	66.31

Note: For PGV with factory installed DC latching solenoid, specify -DC and add \$56.42 to the list price of the valve.

1" PGV Jar-Top: Professional Grade Valves with Jar-Top Bonnet



Code	Description	Qty/Box	List Price
HI-PGV100JTGB	25 mm (1") plastic globe valve, jar-top bonnet, without flow control, female BSP inlet and outlet	20	\$67.76
HI-PGV101JTGB	25 mm (1") plastic globe valve, jar-top bonnet, with flow control, female BSP inlet and outlet	20	71.77
HI-PGV100JTMMB	25 mm (1") plastic globe valve, jar-top bonnet, without flow control, male BSP inlet and outlet	20	67.76
HI-PGV101JTMMB	25 mm (1") plastic globe valve, jar-top bonnet, with flow control, male BSP inlet and outlet	20	71.77
HI-269205	Reclaimed water ID handle for PGV101 Series	1	7.78
HI-458200	DC latching solenoid for all Hunter valves	1	66.31

Note: For PGV with factory installed DC latching solenoid, specify -DC and add \$56.42 to the list price of the valve.

1½" & 2" PGV: Professional Grade Valves



Code	Description	Qty/Box	List Price
HI-PGV151B	40 mm (1½") plastic combination globe/angle valve, with flow control, BSP inlets	8	\$184.08
HI-PGV201B	50 mm (2") plastic combination globe/angle valve, with flow control, BSP inlets	8	223.20
HI-607105	Reclaimed water ID handle for PGV151-201 Series	1	5.25
HI-458200	DC latching solenoid for all Hunter valves	1	66.31

Note: For PGV with factory installed DC latching solenoid, specify -DC and add \$56.42 to the list price of the valve.

ICV: Institutional Commercial Valves



Code	Description	Qty/Box	List Price
HI-ICV101GB	25 mm (1") glass-filled nylon, 15 bar (220 PSI) globe valve, with flow control	12	\$215.53
HI-ICV101GBFS	25 mm (1") glass-filled nylon, 15 bar (220 PSI) globe valve, with flow control and Filter Sentry™ option	12	281.83
HI-ICV151GB	40 mm (1½") glass-filled nylon, 15 bar (220 PSI) globe valve, with flow control	8	281.83
HI-ICV151GBFS	40 mm (1½") glass-filled nylon, 15 bar (220 PSI) globe valve, with flow control and Filter Sentry™ option	8	358.10
HI-ICV151GBFSR	40mm (1 1/2") glass-filled nylon, 15 bar (220 PSI) globe valve, with purple flow control handle, ID tag and chlorine resistant purple diaphragm	8	457.55
HI-ICV201GB	50 mm (2") glass-filled nylon, 15 bar (220 PSI) globe valve, with flow control	8	364.69
HI-ICV201GBFS	50 mm (2") glass-filled nylon, 15 bar (220 PSI) globe valve, with flow control and Filter Sentry™ option	8	431.02
HI-ICV201GBFSR	50mm (2") glass-filled nylon, 15 bar globe valve, with purple flow control handle, ID tag and chlorine resistant purple diaphragm	8	530.50
HI-ICV301B	80 mm (3") glass-filled nylon, 15 bar (220 PSI) globe/angle valve, with flow control	1	1,193.60
HI-ICV301BFS	80 mm (3") glass-filled nylon, 15 bar (220 PSI) globe/angle valve, with flow control and Filter Sentry™ option	1	1,279.82
HI-561205	Reclaimed water ID handle for ICV101-201 Series	1	5.25
HI-458200	DC latching solenoid for all Hunter valves	1	66.31

Note: For PGV with factory installed DC latching solenoid, specify -DC and add \$56.42 to the list price of the valve.

IBV: Hunter Brass Valves



Code	Description	Qty/Box	List Price
HI-IBV101GBFS	25 mm (1") BSP brass globe valve, with flow control, with factory installed Filter Sentry™ diaphragm	4	\$812.09
HI-IBV151GBFS	40 mm (1½") BSP brass globe valve, with flow control, with factory installed Filter Sentry™ diaphragm	2	1,425.58
HI-IBV151GBFSR	40 mm (1½") BSP brass globe valve, with flow control, purple ID tag, Filter Sentry, and chlorine-resistant purple diaphragm	2	1,564.77
HI-IBV201GBFS	50 mm (2") BSP brass globe valve, with flow control, with factory installed Filter Sentry™ diaphragm	2	1,441.85
HI-IBV201GBFSR	50 mm (2") BSP brass globe valve, with flow control, purple ID tag, Filter Sentry, and chlorine-resistant purple diaphragm	2	1,579.96
HI-IBV301GBFS	80 mm (3") BSP brass globe valve, with flow control, with factory installed Filter Sentry™ diaphragm	1	3,755.97
HI-700392	Reclaimed water ID tag for all IBV valves (Included on Filter Sentry™ models)	1	6.53
HI-458200	DC latching solenoid for all Hunter valves	1	66.31



Accu-Sync™

Code	Description	Qty/Box	List Price
HI-ACCUSYNCADJ	Accu-Sync Pressure Regulator, adjustable pressure model 1.4–7 bar (20–100 PSI), works with any Hunter valve	10	\$173.08

Valve Accessories



Code	Description	Qty/Box	List Price
HI-606800	24VAC Solenoid Coil for all Hunter Plastic Valves	1	\$39.51
HI-458200	DC latching solenoid for all Hunter plastic valves	1	66.31
HI-464322	Solenoid conduit covers - Bag of 10	1	80.30
HI-269205	Reclaimed water ID Handle for PGV-101 Series	1	7.78
HI-607105	Reclaimed water ID handle for PGV-151-201 Series	1	5.25
HI-561205	Reclaimed water ID handle for ICV-101-201 Series	1	5.25
HI-700392	Reclaimed water ID tag for all IBV valves (included on Filter Sentry models)	1	6.53



HCV: Hunter Check Valves

Code	Description	Qty/Box	List Price
HI-HC50F50F	½" female inlet and ½" female outlet	40	\$22.89
HI-HC50F50M	½" female inlet and ½" male outlet	40	22.89
HI-HC75F75M	¾" female inlet and ¾" male outlet	40	26.14

HQ: Quick Coupling Valves



Code	Description	Qty/Box	List Price
HI-HQ3RC	¾" female inlet, 2 slots, 1 piece body, yellow lid	10	\$221.15
HI-HQ33DRC	¾" female inlet, 2 slots, 2 piece body, yellow lid	10	264.18
HI-HQ33DLRC	¾" female inlet, 2 slots, 2 piece body, yellow locking lid	10	316.36
HI-HQ33DLRCR*	¾" female inlet, 2 slots, 2 piece body, purple locking lid	10	316.36
HI-HQ5RCBSP	1" female BSP inlet, 2 slots, 1 piece body, 1 ¼" keyway outlet, yellow lid	10	353.20
HI-HQ5LRCBSP	25 mm (1") female BSP inlet, 2 slots, 1 piece body, 30 mm (1 ¼") keyway outlet, yellow locking lid	10	448.42
HI-HQ5LRCBSPR*	25 mm (1") female BSP inlet, 2 slots, 1 piece body, 30 mm (1 ¼") keyway outlet, purple locking lid	10	448.42
HI-HLK	Locking key for locking lids	10	39.95

Note: *Models with purple locking lids are suitable for use on reclaimed water sites.

HK: Quick Coupling Keys



Code	Description	Qty/Box	List Price
HI-HK33	¾" single lug inlet, combination ¾" male / ½" female outlet	10	\$147.43
HI-HK55	1 ¼" single stainless lug inlet, 1" NPT male outlet	10	368.60

HQ: Quick Coupling Swivels



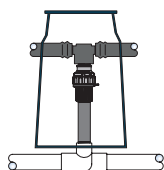
Code	Description	Qty/Box	List Price
HI-HS1B	25 mm (1") inlet, 20 mm (¾") BSP outlet	10	\$245.72
HI-HS2B	25 mm (1") inlet, 25 mm (1") BSP outlet	10	264.18

Mini Pressure Regulators

Flow rates up to 19 LPM



Code	Description	Qty/Box	List Price
MRDC	Mini Regulator Drain Check (Brown) Specify Pressure 20, 30, 35, 40, 45, 50, 55 or 60 PSI.	150	\$23.69
MR	Mini Regulator (Grey) Specify Pressure 20, 30, 35, 40, 45, 50, 55 or 60 PSI.	150	21.50
MDC	Mini Drain Check (Green) Specify Pressure 20 or 35 PSI.	150	19.53



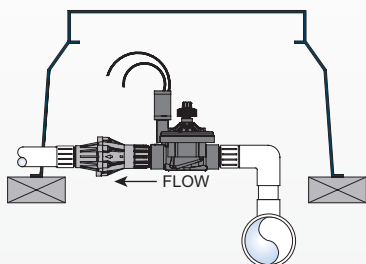
Mini Regulator (MR)			Mini Drain Check (MDC)			Mini Regulator Drain Check (MRDC)		
Thread Configuration	Pressure (kPa)	P/N	Option	P/N	Holdback Elevation	Pressure (kPa)	P/N	Holdback Elevation
15mm FBSP x 15mm MBSP	138	11146-020	MDC20	11154-020	10.7m	138	11150-020	6.1m
	172	11146-025				172	11150-025	
	207	11146-030	MDC35	11154-035	18.3m	207	11150-030	10.7m
	276	11146-040				276	11150-040	13.4m
	310	11146-045				310	11150-045	
	345	11146-050				345	11150-050	20.4m
	379	11146-055				379	11150-055	
	413	11146-060				413	11150-060	

Universal-Flo Landscape Regulator



Flow rates up to 57 LPM

Code	Description	Qty/Box	List Price
PR20	20mm Universal-Flo Landscape Regulator	50	\$35.55
PR25	25mm Universal-Flo Landscape Regulator	50	38.12



Universal-Flo Landscape Regulator		
Thread Configuration	Pressure (kPa)	P/N
PR20 20mm FBSP x 20mm FBSP	138	10895-020
	172	10895-025
	207	10895-030
	276	10895-040
	345	10895-050
PR25 25mm FBSP x 25mm FBSP	138	11420-020
	172	11420-025
	207	11420-030
	276	11420-040
	345	11420-050

CONTROLLER SELECTION GUIDE

Use this guide to quickly compare Hunter controller power needs, station counts, and software platforms to ensure you choose the best controller for every installation.

Platform

AC - Powered Controller

STANDARD

Button and dial-based controllers are standalone systems that offer water-saving features and convenient remote control operation for faster maintenance.

X-Core™
Stations: 4, 6, 8
Page 93



X2™
Stations: 4, 6, 8, 14
Page 93



Pro-C™
Stations: 4 to 32
Page 94



HYDRAWISE™ APP



HYDRAWISE™

The Wi-Fi controller solution designed for contractors. The Hydrawise Irrigation Management Platform is simple to set up, easy to use, and packed with helpful remote irrigation management features. Built-in system monitoring and a suite of powerful tools make saving water and managing multiple sites easy.

X2 with WAND
Stations: 4, 6, 8, 14
Page 118



PRO-HC
Stations: 6, 12, 24
Page 95



HPC
Stations: 4 to 32
Page 95



Wireless Valve Link Compatible



HCC*
Stations: 8 to 54
Page 96



CENTRALUS™ APP



CENTRALUS™

Add cloud-based control and monitoring for Pro-C, ICC2, and ACC2 controllers with the mobile-friendly Centralus Irrigation Management Platform.



Pro-C™ with PC-WIFI
Stations: 4 to 32
Page 94



Wireless Valve Link Compatible



ICC2*
Stations: 8 to 54
Page 97



ACC2
Stations: 12 to 54 conventional, 1 to 225 with two-wire
Page 98



With the two-wire option, you can easily expand the system as needed after installation.

Wireless Valve Link Compatible

Platform

Battery-Operated Controllers

INDEPENDENT

Battery-operated controllers allow automatic irrigation for power-restricted valve locations and areas where hardscape blocks the ability to run wire affordably.

NODE
Stations: 1, 2, 4, 6
Page 100



XC Hybrid
Stations: 6, 12
Page 101



BTT APP



BLUETOOTH

Bluetooth-enabled, battery-operated controllers have all the benefits of independent battery controllers with convenient, on-site wireless control from a smart phone.

BTT
Zones: 1, 2
Page 100



NODE-BT
Zones: 1, 2, 4
Page 100



X-Core Controller - Indoor



Residential Controllers - Indoor Mount

Code	Description	Qty/Box	List Price
HI-XC401iA	4-station indoor controller, 230 VAC transformer, Australian plug	10	\$296.71
HI-XC601iA	6-station indoor controller, 230 VAC transformer, Australian plug	10	336.45
HI-XC801iA	8-station indoor controller, 230 VAC transformer, Australian plug	10	397.61

X-Core Controller - Outdoor



Residential Controllers - Outdoor Mount

Code	Description	Qty/Box	List Price
HI-XC401A	4-station outdoor cabinet controller, 230 VAC internal transformer, Australian plug/cord	10	\$386.57
HI-XC601A	6-station outdoor cabinet controller, 230 VAC internal transformer, Australian plug/cord	10	448.70
HI-XC801A	8-station outdoor cabinet controller, 230 VAC internal transformer, Australian plug/cord	10	588.92

X2™ Controller - Outdoor & Wi-Fi Module



Code	Description	Qty/Box	List Price
HI-X2401A	4-station controller, 230V internal transformer and plug with plastic cabinet	10	\$391.17
HI-X2601A	6-station controller, 230V internal transformer and plug with plastic cabinet	10	448.70
HI-X2801A	8-station controller, 230V internal transformer and plug with plastic cabinet	10	576.91
HI-X21401A	14-station controller, 230V internal transformer and plug with plastic cabinet	10	997.94
HI-X2WAND	Wi-Fi module for Hydrowise management software	10	368.16

USB Wi-Fi with Power Supply



For Hydrowise Controllers

Code	Description	Qty/Box	List Price
HC-USBWIFI	4G/3G Modem & Power Supply For Hydrowise Controllers (does not include SIM)	1	\$437.87

Pro-C™ Modular Controller

Residential/Light Commercial Controller

Code	Description	Qty/Box	List Price
HI-P2C401A	4-station base controller, plastic wall mount cabinet 230 VAC internal transformer, Australian plug. Expands to 23 stations conventional wiring Expands to 28 stations EZ-1 decoder or Expands to 32 stations hybrid conventional /two-wire system.	8	\$651.67
HI-10032800SP	P2C Replacement Facepack	1	271.04
HI-821501	Pro-C Front Panel (2014-2023 Model)	1	209.05
HI-PCM300	3-station module for Pro-C Controller	20	190.04
HI-PCM900	9-station module for Pro-C Controller, for specific use in expanding controller to 16 stations	6	704.45
HI-PCM1600	Pro-C 16-Station Output Module	1	841.15
NEW HI-PCWIFI	Plug-in WIFI Module for PRO-C Controller	1	460.20

EZDS: EZ Decoder System For Pro-C

Code	Description	Qty/Box	List Price
HI-PCDM	EZ decoder module for Pro-C controller	6	\$776.86
HI-EZ1	Single-station EZ decoder	1	275.75
NEW HI-EZLR	Single-station, long-range EZ Decoder	1	402.68
HI-DUALS	Surge Suppression module for use with EZ Decoder Systems	1	443.84
HI-DECSTAKE10	Universal Decoder Stake Kit - 10-Pack	1	167.30
HI-EZDT	Handheld EZ-DT diagnostic tool	10	1,244.84

Pro-C Quick Reference Chart

Desired Station Config.	Order Base Unit	Plus Number of Modules
4-Zone	HI-P2C401A	no module needed
7-Zone	HI-P2C401A	1x HI-PCM300
10-Zone	HI-P2C401A	2 x HI-PCM300
13-Zone	HI-P2C401A	3 x HI-PCM300
16-Zone	HI-P2C401A	1 x HI-PCM300 & 1 x HI-PCM900
23-Zone	HI-P2C401A	1 x HI-PCM300 & 1 x HI-PCM1600
28-Zone	HI-P2C401A	1 x HI-PCDM (2 wire only)
32-Zone	HI-P2C401A	1 x HI-PCDM (Hybrid)

PRO-HC: Wi-Fi Outdoor Controllers

Residential/Light Commercial Wi-Fi Controllers



Code	Description	Qty/Box	List Price
HI-PHC601A	6-station 230 VAC Australian outdoor plastic controller with Wi-Fi connection	8	\$1,235.73
HI-PHC1201A	12-station 230 VAC Australian outdoor plastic controller with Wi-Fi connection	8	1,463.57
HI-PHC2401A	24-station 230 VAC Australian outdoor plastic controller with Wi-Fi connection	8	2,562.55

HPC: Wi-Fi Modular Outdoor Controller

Residential/Light Commercial Wi-Fi Controller



Code	Description	Qty/Box	List Price
HI-HPC401A	4-station base controller, outdoor mount with 230 VAC internal transformer, Australian plug. Expands to 23 stations conventional wiring Expands to 28 stations EZ-1 decoder or Expands to 32 stations hybrid conventional /two-wire system.	1	\$904.98

Note: Manufactured Dec 2022 or later have 2 sensor ports.

HI-HPCFP	Pro-C™ Hydrawise retrofit face panel	10	820.24
HI-PCM300	3-station module for Pro-C Controller	20	190.04
HI-PCM900	9-station module for Pro-C Controller, for specific use in expanding controller to 16 stations	6	704.45
HI-PCM1600	Pro-C 16-Station Output Module	1	841.15
HI-PCM1600KIT	PCM-1600 Upgrade Kit	1	1,067.18

For USB Wi-Fi with power supply See Page 93.

EZDS: EZ Decoder System For HPC



Code	Description	Qty/Box	List Price
HI-PCDM	EZ decoder module for Pro-C controller	6	\$776.86
HI-PCDMKIT	EZ decoder module upgrade kit for Pro-C controller	1	1,026.48
HI-EZ1	Single-station EZ decoder	1	275.75
NEW HI-EZLR	Single-station, long-range EZ Decoder	1	402.68
HI-DUALS	Surge Suppression module for use with EZ Decoder Systems	1	443.84
HI-DECSTAKE10	Universal Decoder Stake Kit - 10-Pack	1	167.30
HI-EZDT	Handheld EZ-DT diagnostic tool	10	1,244.84



HCC: Outdoor Modular Controller



Commercial Wi-Fi Controller

Code	Description	Qty/Box	List Price
HI-HCC800PLC	8-station base model, plastic outdoor, wall mount. Australian plug/cord	1	\$2,225.23
HI-HCC800MC	8-station base model, grey metal outdoor, wall mount Australian plug/cord	1	3,476.95
HI-HCC800SSC	8-station base model, stainless steel, wall mount Australian plug/cord	1	9,516.32
HI-HCC800PP	8-station base model, plastic pedestal	1	15,133.40
HI-HCCFPUP	Retrofit Upgrade Kit for ICC and ICC2	1	1,263.16
HI-HCC800SBKIT	HCC StrongBox™ kit, for aftermarket enclosures	1	3,855.99
HI-ICM400	4-station plug-in module, for adding stations to base controller	1	359.46
HI-ICM800	8-station module plug-in, for adding stations to base controller	1	664.85
HI-ICM2200	22-station module plug-in, for adding stations to base controller	1	1,304.23
HI-ICCPED	Grey pedestal for metal wall mount cabinet	1	2,096.99
HI-ICCPEDSS	Stainless steel pedestal for stainless wall mount	1	4,218.47
HI-ICCPWB	Optional Pedestal Wiring Board for metal pedestals	1	950.22
HI-WIFIEXTKIT	Wi-Fi antenna extension kit	1	267.03

For USB Wi-Fi with power supply See Page 93.



EZDS: EZ Decoder System For HCC

Code	Description	Qty/Box	List Price
HI-EZDM	EZ decoder output module	1	\$970.17
HI-EZ1	Single-station EZ decoder	1	275.75
NEW HI-EZLR	Single-station, long-range EZ Decoder	1	402.68
HI-DUALS	Surge Suppression module for use with EZ Decoder Systems	1	443.84
HI-DECSTAKE10	Universal Decoder Stake Kit - 10-Pack	1	167.30
HI-EZDT	Handheld EZ-DT diagnostic tool	10	1,244.84

Wireless Valve Link



Code	Description	Qty/Box	List Price
HI-WVOME	Wireless Valve Output Module for ICC2/HCC Controllers	1	\$805.35
HI-WVL100E	Single-station Wireless Valve Link (antenna included)	1	690.30
HI-WVL200E	2-station Wireless Valve Link (antenna included)	1	805.35
HI-WVL400E	4-station Wireless Valve Link (antenna included)	1	920.40
HI-RPTE	Battery-operated Wireless Solar Repeater for WVL range extension (1 per system, max)	1	1,219.53
HI-SPWVL	Solar Panel Kit for WVL Controllers	1	598.26
HI-ANTEXTKIT	Universal Antenna Extension Kit	1	184.08
NEW HC-WVLMTKIT	Outdoor Mounting Bracket Kit for WVL	1	147.00
NEW HI-10061700SP	Wall Mount Adapter for WVL	1	70.76

ICC 2: Outdoor Modular Controller



Centralus Compatible

Code	Description	Qty/Box	List Price
HI-I2CF800PLC	8-station w/Flow base international model with outdoor plastic cabinet, expands up to 38 stations with ICM Modules. Australian plug/cord	1	\$1,391.93
HI-I2CF800MC	8-station w/Flow base international model with outdoor metal cabinet, expands up to 54 stations with ICM Modules Australian plug/cord	1	2,928.23
HI-I2CF800SSC	8-station w/Flow base model with stainless steel cabinet, expands up to 54 stations with ICM Modules Australian plug/cord	1	6,605.76
HI-I2CF800PP	8-station w/Flow base model with plastic pedestal, expands up to 54 stations with ICM Modules	1	12,901.57
HI-I2C800SBKIT	ICC2 StrongBox kit, for aftermarket enclosures	1	2,408.23
HI-ICM400	4-station plug-in module, for adding stations to base controller	1	359.46
HI-ICM800	8-station module plug-in, for adding stations to base controller	1	664.85
HI-ICM2200	22-station module plug-in, for adding stations to base controller	1	1,304.23
HI-WIFIKIT	Wi-Fi module for Centralus/network connections	1	534.02
HI-LANKIT	Ethernet (LAN) communication module for Centralus or network	1	534.02
HI-CELLKIT	ICC2 cellular connection (service plan required)	1	1,545.60
HI-ICCFPUP2	Upgrade facepack for ICC Controller including ribbon cable & power module	1	868.28
HI-ICCPED	Grey pedestal for metal wall mount with ICC 2 controllers	1	2,096.99
HI-ICCPEDSS	Stainless steel pedestal for stainless wall mount with ICC 2 controllers	1	4,218.47
HI-ICCPWB	Pedestal wiring board and surge protection	1	950.22

Note: These enhanced station output modules expand both old and new versions of ICC, and include additional surge suppression, in increments of 4, 8 & 22 Stations. For USB Wi-Fi with power supply See Page 92.

Note: See Page 100 for ICC2 integration in smart city applications

EZDS: EZ Decoder System For ICC2



Code	Description	Qty/Box	List Price
HI-EZDM	EZ Decoder Output Module	1	\$970.17
HI-EZ1	1 Station Decoder	1	275.75
NEW HI-EZLR	Single-station, long-range EZ Decoder	1	402.68
HI-DUALS	Surge Suppression module for use with EZ Decoder Systems	1	443.84
HI-DECSTAKE10	Universal Decoder Stake Kit - 10-Pack	1	167.30
HI-EZDT	Handheld EZ-DT diagnostic tool	10	1,244.84

Wireless Valve Link



Code	Description	Qty/Box	List Price
HI-WVOME	Wireless Valve Output Module for ICC2/HCC Controllers	1	\$805.35
HI-WVL100E	Single-station Wireless Valve Link (antenna included)	1	690.30
HI-WVL200E	2-station Wireless Valve Link (antenna included)	1	805.35
HI-WVL400E	4-station Wireless Valve Link (antenna included)	1	920.40
HI-RPTE	Battery-operated Wireless Solar Repeater for WVL range extension (1 per system, max)	1	1,219.53
HI-SPWVL	Solar Panel Kit for WVL Controllers	1	598.26
HI-ANTEXTKIT	Universal Antenna Extension Kit	1	184.08
NEW HI-WVLMNTKIT	Outdoor Mounting Bracket Kit for WVL	1	147.00
NEW HI-10061700SP	Wall Mount Adapter for WVL	1	70.76

ACC2: Advanced Commercial Controller



Centralus Compatible

Code	Description	Qty/Box	List Price
HI-A2C1200PC	12-station base unit controller, expands to 54-stations, plastic outdoor wall mount Australian plug/cord	1	\$4,289.64
HI-A2C1200MC	12 station base model with metal wall mount Australian plug/cord	1	4,880.70
HI-A2C1200SSC	12 station base model with stainless wall mount Australian plug/cord	1	8,582.53
HI-A2C1200PP	12 station base model with plastic pedestal	1	15,846.85
HI-A2C1200SBKIT	ACC2 StrongBox kit, for aftermarket enclosures	1	3,701.85
HI-A2M600	6 station output module (9 max per controller)	1	1,361.13

ACC2 Decoder: Advanced Decoder Controller

Centralus Compatible

Code	Description	Qty/Box	List Price
HI-A2C75DPC	75-station base model, plastic outdoor, wall mount Australian plug/cord	1	\$6,479.23
HI-A2C75DMC	75-station base model, grey metal outdoor, wall mount Australian plug/cord	1	7,227.81
HI-A2C75DSSC	75-station base model, stainless steel, wall mount Australian plug/cord	1	8,582.53
HI-A2C75DPP	75-station base model, plastic pedestal	1	16,524.19
HI-A2C75DSBKIT	ACC2 Decoder StrongBox kit, for aftermarket enclosures	1	6,064.68
HI-A2CD75	75-station decoder expansion module	1	2,336.80



ACC2 Decoder: 2-Wire Decoder Version

Code	Description	Qty/Box	List Price
HI-ICD100	1-station decoder for use with any ACC decoder controller, includes 2 waterproof connectors	1	\$425.71
HI-ICD200	2-station decoder for use with any ACC decoder controller, includes 2 waterproof connectors	1	783.17
HI-ICD400	4-station decoder for use with any ACC decoder controller, includes 2 waterproof connectors	1	983.19
HI-ICD600	6-station decoder for use with any ACC decoder controller, includes 2 waterproof connectors	1	1,581.75
HI-ICDSEN	Sensor decoder for use with any ACC decoder controller, includes 2 waterproof connectors	1	1,878.58
HI-DECSTAKE10	Universal Decoder Stake Kit - 10-Pack		167.30

ICD-HP



Handheld Decoder Programmer for ICD Decoders

Code	Description	Qty/Box	List Price
HI-ICDHP	Handheld decoder programmer for ICD, Dual and Pilot decoders	1	\$4,075.55

ACC2 & ACC2 Decoder: Components



Code	Description	Qty/Box	List Price
HI-A2CWIFI	Internal Wi-Fi module for Centralus or network connections.	1	\$1,030.20
HI-WIFIEXTKIT	Wi-Fi extension kit	1	267.03
HI-A2CLAN	Ethernet (LAN) communication module for Centralus or network connections.	1	765.54
HI-A2CLTEM	Global 4G LTE Cellular Connection Module for ACC2 Controller (service plan required)	1	3,062.63
HI-A2CF3	3 channel flow expansion module (1 max per controller)	1	1,011.31
HI-A2CLEDKT	External status light for ACC2 controllers	1	385.14
HI-ANTEXTKIT	Universal Antenna Extension Kit	1	184.08
HI-PEDLIDANTBRKT	Plastic pedestal antenna mount	1	710.25

FS1000 & FS3000 For Smart City Applications



Code	Description	Qty/Box	List Price
HI-FS1000	Field Server 1,000 data points	1	\$11,222.09
HI-FS3000	Field Server, 3000 data points	1	12,667.81

Note: Centralised Irrigation Control for Custom Automation Communicate directly with Hunter ACC2 and ICC2 controllers from centralised command centres automation gateway for industrial plants and smart cities communicating in BACnet, Modbus and other protocols. Please contact Nelson Australia for details.

Hunter 360 Software



Code	Description	List Price
HI-H360	Hunter 360 Software (on USB 2 or USB 3 flash drive) for irrigation management	\$27,612.00
HI-WS360TCP	Weather station with Modbus TCP communication	18,684.12
HI-WSSM1	Soil moisture sensor for TCP communication	1,150.50
HI-WSSMTEMP	Temperature probe for TCP communication	766.23



BTT: Bluetooth Tap Timer

Multi-Station Battery Operated Controller and Programmer

Code	Description	Qty/Box	List Price
HI-BTT101	Bluetooth Tap Timer, 25 mm (1") and 19 mm (3/4") Hose Thread, Quick Coupler Adapter	1	\$242.46
HI-BTT201	2-zone Bluetooth Tap Timer, 25 mm (1") and 19 mm (3/4") Hose Thread, Quick Coupler Adapter	1	378.08
HI-BTTLOC	BTT Adapter, 16-18mm Drip Tube	1	17.65

NODE: Battery-Operated Controller

Battery Operated Controller

Code	Description	Qty/Box	List Price
HI-NODE100	Single-station battery controller with solenoid	1	\$354.35
HI-NODE100LS	Single-station battery controller. No solenoid	1	318.27
HI-NODE100VALVEB	NODE-100 installed on 25 mm PGV-101G-B with solenoid	10	356.66
HI-NODE200	2-station battery controller. No solenoid	1	494.72
HI-NODE400	4-station battery controller. No solenoid	1	620.69
HI-NODE600	6-station battery controller. No solenoid	1	716.16
HI-SPNODE	Solar Panel Kit for Node Controllers	1	620.69
HI-458200	DC latching solenoid for all Hunter valves	1	66.31

NODE-BT: Bluetooth Battery-Operated Controller

Battery Operated Bluetooth Controller

Code	Description	Qty/Box	List Price
HI-NODEBT100	Single-station battery bluetooth controller with solenoid	1	\$397.87
HI-NODEBT100LS	Single-station battery bluetooth controller. No solenoid	1	367.22
HI-NODEBT100VALVEB	NODE-BT-100 installed on 25 mm PGV-101G-B with solenoid	10	361.26
HI-NODEBT200	2-station battery bluetooth controller. No solenoid	1	520.28
HI-NODEBT400	4-station battery bluetooth controller. No solenoid	1	612.11
HI-SCPROBE	Soil moisture sensor probe	1	154.05
HI-458200	DC latching solenoid for all Hunter valves	1	66.31
HI-SPNODEBT	Solar Panel Kit for NODE-BT Controllers	1	627.00

NODE & NODE BT Kit

Controller, Valve, Manifold & Cable Joiner

Code	Description	List Price
HC-NODE2KIT	2 Station NODE Controller Kit	\$820.75
HC-NODE4KIT	4 Station NODE Controller Kit	1,217.14
HC-NODE6KIT	6 Station NODE Controller Kit	1,584.70
HC-NODEBT2KIT	2 Station NODE BT Controller Kit	815.97
HC-NODEBT4KIT	4 Station NODE BT Controller Kit	1,208.81



XC Hybrid Controller



Residential/Light Commercial Controller (Battery-Powered)

Code	Description	Qty/Box	List Price
HI-XCH600	6-station indoor/outdoor controller, battery-powered	10	\$668.39
HI-XCH600SS	6-station outdoor controller, battery-powered, stainless steel cabinet	1	1,871.52
HI-XCH600SSP	6-station outdoor controller, battery-powered, stainless steel cabinet with mounted solar panel	1	2,157.99
HI-XCH1200	12-station indoor/outdoor controller, battery-powered	10	970.77
HI-XCH1200SS	12-station outdoor controller, battery-powered, stainless steel cabinet	1	2,307.60
HI-XCH1200SSP	12-station outdoor controller, battery-powered, stainless steel cabinet with mounted solar panel	1	2,590.88
HI-XCHSPOLE	Mounting pole 1.2 m (4') for stainless XC Hybrid	1	1,097.44
HI-XCHSPB	Bracket and hardware for pole mount	1	587.91
HI-SPXCH	Solar Panel Kit for XCH Controllers	1	655.28
HI-545500	Indoor 230V transformer (bypasses solar/batteries and transforms XC Hybrid into latching AC-powered controller)	1	94.06
HI-458200	DC latching solenoid for all Hunter valves	1	66.31



ROAM XL: Remote Control System

Code	Description	Qty/Box	List Price
HI-ROAMXLKIT	Complete Remote Kit: transmitter, receiver, harness and carrying case works with all X-Core, Pro-C, I-Core, and ACC controllers	1	\$3,096.27
HI-ROAMXLR	ROAM XL Remote receiver only	1	1,605.48
HI-ROAMXLTR	ROAM XL Remote transmitter only	1	2,129.74
HI-ROAMSCWH	Wiring harness, 7.6 m (25') shielded cable	1	72.07
HI-ROAM-WH	Wiring harness, 1.8 m (6')	1	50.60
HI-ROAMXLEXT	Antenna extension kit with 7.6 m (25') cable and mounting hardware	1	236.29
HI-258200	Wall Mount for SmartPort	1	7.85

Note: System Operating Frequency: 27 MHz. Please check for local regulatory approvals.



ROAM: Remote Control System

Code	Description	Qty/Box	List Price
HI-ROAMKIT	Complete Kit: transmitter, receiver and wiring harness compatible with all X-Core, Pro-C, I-Core, and ACC controllers	1	\$982.94
HI-ROAMTR	Handheld transmitter only	1	573.41
HI-ROAMR	Receiver unit only	1	507.88
HI-ROAMSCWH	Wiring harness, 7.6 m (25') shielded cable	1	72.07
HI-ROAM-WH	Wiring harness, 1.8 m (6')	1	50.60
HI-258200	Wall Mount for SmartPort	1	7.85

Note: System Operating Frequency: 433.925 MHz. Please check for local regulatory approvals.



PSR: Pump Start Relay

Code	Description	Qty/Box	List Price
HI-PSR22	Pump Start Relay, double pole/single throw pump for 230 VAC pumps up to 2.2kW	10	\$334.08
HI-PSR52	Pump Start Relay, double pole/single throw pump start relay for 230 VAC pumps up to 5.5 kW	10	523.09
HI-PSR53	Pump Start Relay, triple pole/single throw pump start relay for 230 VAC pumps up to 5.5 kW or 230 VAC 7.5 kW (three phase)	10	944.97
HI-PSRB	Pump Start Relay Booster, used to boost controller output power to operate larger pump start relays, if required	8	1,064.88



Rain-Clik™: Instant Shutoff Rain Sensors

Code	Description	Qty/Box	List Price
HI-RAINCLIK	Rain sensor with Quick Response™ shutoff, includes 7.6 m (25') wire	24	\$134.52
HI-RAINCLIKNO	Rain sensor with Quick Response shutoff, includes 7.6 m (25') wire, normally open switch	24	150.92
HI-RFC	Rain and freeze sensor with Quick Response shutoff, includes 7.6 m (25') wire	24	236.17
HI-SGM	Sensor gutter mount (for use with Mini-Clik, Rain-Clik, and Wireless Rain-Clik Sensors)	1	15.69
HI-WRCLIK	Wireless rain sensor with Quick Response shutoff (includes sensor, receiver, and gutter mount)	12	369.43
Note: Freeze sensor function is standard with HI-WRCLIK date coded NOV22 and newer.			
HI-WRCLIKR	Wireless Rain-Clik receiver only	20	337.86
HI-WRCLIKTR	Wireless Rain-Clik transmitter only	20	236.17
HI-WSGUARD	Vandal-resistant wireless sensor guard for flat surfaces or pole mounting	1	612.43
HI-WRGUARD	Vandal-resistant wireless receiver guard for flat surfaces or pedestal mounting	1	612.43

Mini-Clik™: Rain Sensors

Code	Description	Qty/Box	List Price
HI-MINICLIK	Adjusts for rainfall of 3 mm (1/8") to 20 mm (3/4"), includes 7.6 m (25') wire, aluminum mount	24	\$134.52
HI-MINICLIKNO	Adjusts for rainfall 3 mm (1/8") to 20 mm (3/4"), includes 7.6 m (25') wire	12	150.92
HI-MINICLIKC	Adjusts for rainfall of 3 mm (1/8") to 20 mm (3/4"), includes 7.6 m (25') wire	12	150.92
HI-SGMC	Wired rain sensor adjusts for rainfall of 3 mm to 20 mm (1/8" to 3/4"), includes 7.6 m (25') wire, stainless steel enclosure	1	953.72
HI-WMCLIK	Wireless Mini-Clik Rain Sensor	12	393.54
HI-WMCLIKTR	Wireless Mini- Clik transmitter only	20	287.28
HI-SGM	Sensor gutter mount (for use with Mini-Clik, Rain-Clik, and Wireless Rain-Clik Sensors)	1	15.69

Solar Sync™: ET Sensors



Code	Description	Qty/Box	List Price
HI-SOLARSYNCSSEN	Wired Solar Sync for use with ACC, I-Core™, new Pro-C™ 400/PCC Series, and X-Core™ controllers. Includes Solar Sync Sensor only.	20	\$401.27
HI-WSSSEN	Wireless Solar Sync for use with ACC, I-Core, new Pro-C 400/PCC Series, and X-Core controllers. Includes wireless Solar Sync Sensor and wireless receiver.	10	754.77
HI-WSGUARD	Vandal-resistant wireless sensor guard for flat surfaces or pole mounting	1	612.43
HI-WRGUARD	Vandal-resistant wireless receiver guard for flat surfaces or pedestal mounting	1	612.43

HC: Hydrawise Flow Meters



Code	Description	Qty/Box	List Price
HI-HC075FLOWB	HC Flow Meter with 20mm (3/4") BSP thread, m3 reading	1	\$667.15
HI-HC100FLOWB	HC Flow Meter with 25mm (1") BSP thread, m3 reading	1	754.61
HI-HC150FLOWB	HC Flow Meter with 40mm (1 1/2") BSP thread, m3 reading	1	1,506.51
HI-HC200FLOWB	HC Flow Meter with 50mm (2") BSP thread, m3 reading	1	2,015.05
HI-WHCFLOWAU	Wireless HC Flow Meter Kit (AU/NZ 915 MHz), includes transmitter and receiver	1	742.69
HI-WHCFLOWTRAU	Wireless HC Flow Meter, transmitter only (AU/NZ 915 MHz)	1	577.02
HI-WHCFLOWRAU	Wireless HC Flow Meter, receiver only (AU/NZ 915 MHz)	1	411.40

Note: Compatible with Hydrawise touch screen controllers. Data transfer communications cable from Hyrawise flow meter to Hydrawise controller, see page 117.

Flow Sensors



Code	Description	Qty/Box	List Price
HI-FLOWCLIK	Flow-Clik™ System includes sensor and interface box, works with all standard 24 volt controllers (excludes sensor body - order separately)	1	\$1,194.24
HI-HFS	Hunter Flow-Sync flow meter for Hunter flow learning controllers	1	987.22
HI-WFSINT	Wireless Flow Sensor (includes receiver and transmitter).	1	1,351.42
HI-WFSRINT	Wireless Flow Sensor Receiver.	1	524.81
HI-WFSTINT	Wireless Flow Sensor Transmitter.	1	928.29
HI-WFSALKBATT	Alkaline battery pack	1	64.56

Flow Sensor bodies for use with Flow-Clik and Flow-Sync™ sensor (for ACC & I-Core)



Code	Description	Qty/Box	List Price
HI-FCT100	25 mm (1") schedule 40 sensor body, slip x slip	1	\$238.84
HI-FCT150	40 mm (1 1/2") schedule 40 sensor body, slip x slip	1	292.99
HI-FCT200	50 mm (2") schedule 40 sensor body, slip x slip	1	366.25
HI-FCT300	75 mm (3") schedule 40 sensor body, slip x slip	1	468.16
HI-FCT400	100 mm (4") schedule 40 sensor body, slip x slip	1	621.02

BSP/Slip Adapters for Flow Sensors



Code	Description	Qty/Box	List Price
HI-795700	25mm Slip to BSP adapter	1	\$11.78
HI-795800	40mm Slip to BSP adapter	1	19.60
HI-241400	50mm Slip to BSP adapter	1	24.83
HI-477800	80mm Slip to BSP adapter	1	32.67



Soil-Clik™: Soil Moisture Sensors



Code	Description	Qty/Box	List Price
HI-SOILCLIK	Soil-Clik moisture sensor module and probe	12	\$501.85
HI-SCPROBE	Soil probe for moisture sensing (NODE-BT only)	1	154.05



Freeze-Clik™: Freeze Sensors

Code	Description	Qty/Box	List Price
HI-FREEZECLIK	3°C setpoint, 7.6 m wire, screws, 24 VAC, 6 A	12	\$187.00



Wind-Clik™: Wind Sensors

Wind Sensor

Code	Description	Qty/Box	List Price
HI-WINDCLIK	Adjustable wind control 19-56 kph (12-35 mph) shut down, 24 VAC, 5 amp	1	\$557.58



Mini-Weather Station

Code	Description	Qty/Box	List Price
HI-MWS	Weather Station combines wind and rain sensors	1	\$862.69
HI-MWSFR	Weather station combines wind, rain, and freeze sensors	1	997.14

Sensor Accessories



Code	Description	Qty/Box	List Price
HI-SGMC	Sensor guard enclosure with Mini-Clik™ conduit rain sensor, stainless steel construction, automatically responds to local weather changes	1	\$953.72
HI-BPSW	Bypass switch box with no-strip wire connectors and double-backed tape for mounting	12	91.46
HI-EXT	Extension bracket adds 18 cm to standard rain or freeze sensor bracket	1	54.88
HI-REL2	Heavy duty sensor switching relay, 2-pole relay, double throw	1	117.58
HI-REL3	Heavy duty sensor switching relay, 3-pole relay, double throw	1	130.65
HI-SGM	Sensor gutter mount (for use with Mini-Clik, Rain-Clik, and wireless Rain-Clik sensors)	1	15.69
HI-DCREL2	Latching relay for pumps	1	118.50



Eco-Mat™**Subsurface Irrigation Mat**

Code	Description	Qty	List Price
HI-ECOMAT16	Subsurface Drip Mat, .80 m wide 100 m long, 16 mm tubing, 80 m ²	1	\$6,733.71
HI-ECOMAT17	Subsurface Drip Mat, .80 m wide 90 m long, 17 mm tubing, 72m ²	1	7,151.89

Eco Wrap™**Wrapped PLD Tubing for Subsurface Applications**

Code	Description	Qty	List Price
HI-ECOWRAP16	Enhanced Subsurface PLD, 100 m roll, wrapped 16 mm tubing	1	\$1,616.13
HI-ECOWRAP17	Enhanced Subsurface PLD, 76 m roll, wrapped 17 mm tubing	1	1,542.60

Eco-Indicator

Code	Description	Qty	List Price
HI-ECOID	6" Eco-Indicator, drip system indicator tool	1	\$37.60
HI-ECOID12	12" Eco-Indicator, drip system indicator tool	1	52.49
HI-ECOID12R	12" Eco-Indicator, drip system indicator tool, reclaimed	1	62.24

Mini Landscape Dripline**MLD: 6mm Mini Landscape Dripline**

Code	Description	Qty/Box	List Price
HI-MLD0506100	MLD Brown 1.9 lph 0.15m x 30m roll	10	\$72.37
HI-MLD0506250	MLD Brown 1.9 lph 0.15m x 76m roll	6	193.93
HI-MLD0512100	MLD Brown 1.9 lph 0.30m x 30m roll	10	53.25
HI-MLD0512250	MLD Brown 1.9 lph 0.30m x 76m roll	6	146.94

MLD Fittings**6mm Insert Barb Fittings**

Code	Description	Qty/Box	List Price
HI-QBTEE	6 mm Barb Fittings - Tee	150	\$0.87
HI-QBELB	6 mm Barb Fittings - Elbow	200	0.85
HI-QBCPL	6 mm Barb Fittings - Coupling	200	0.51
HI-QBCRS	6 mm Barb Fittings - Cross	100	1.24
HI-GP025	Goof Plug	15	2.65

Point Source Drip Emitters

Self-Piercing Barb

Code	Description	Bag/Box Qty	List Price
HI-HE050B25	2 l/hr Emitter	25/500	\$1.63
HI-HE10B25	4 l/hr Emitter	25/500	1.63
HI-HE20B25	8 l/hr Emitter	25/500	1.63
HI-HE40B25	15 l/hr Emitter	25/500	1.63
HI-HE60B25	23 l/hr Emitter	25/500	1.63

10/32 Thread

Code	Description	Bag/Box Qty	List Price
HI-HE050T25	2 l/hr Emitter	25/500	\$1.63
HI-HE10T25	4 l/hr Emitter	25/500	1.63
HI-HE20T25	8 l/hr Emitter	25/500	1.63
HI-HE40T25	15 l/hr Emitter	25/500	1.63
HI-HE60T25	23 l/hr Emitter	25/500	1.63

1/2" FPT

Code	Description	Bag/Box Qty	List Price
HI-HEB05	2 l/hr Emitter	25/350	\$7.69
HI-HEB10	4 l/hr Emitter	25/350	7.69
HI-HEB20	8 l/hr Emitter	25/350	7.69
HI-HEB40	15 l/hr Emitter	25/350	7.69
HI-HEB60	23 l/hr Emitter	25/350	7.69

Diffuser Cap

Code	Description	Bag/Box Qty	List Price
HI-HEDIFF	Emitter Diffuser Cap	50/1,000	\$0.78

Multi-Port Emitter with Swivel Outlet Ports

Code	Description	Bag/Box Qty	List Price
HI-MPE05	Multi-port Emitter - 2.0 lph	10/100	\$22.37
HI-MPE10	Multi-port Emitter - 4.0 lph	10/100	22.37
HI-MPE20	Multi-port Emitter - 8.0 lph	10/100	22.37
HI-MPECAPS	Multi-Port Emitter Caps - Bag of 100	100/4,000	12.00
HI-MPM050	Multi-Port Manifold	10/100	19.42

IH Risers



IH Risers (with brown 1/2" Fittings)

Code	Description	Bag/Box Qty	List Price
HI-IHRISER06	15 cm IH Riser	80	\$19.56
HI-IHRISER12	30 cm IH Riser	200	21.95
HI-IHRISER18	46 cm IH Riser	100	25.84
HI-IHRISER24	60 cm IH Riser	100	29.77
HI-IHRISER36	91 cm IH Riser	25	34.42

IH Risers (Reclaimed 1/2" Fittings)

Code	Description	Bag/Box Qty	List Price
HI-IHRISER06R	Reclaimed 15 cm riser with pre-glued purple 1/ 2" fittings	80	\$19.56
HI-IHRISER12R	Reclaimed 30 cm riser with pre-glued purple 1/ 2" fittings	200	21.95
HI-IHRISER18R	Reclaimed 46 cm riser with pre-glued purple 1/ 2" fittings	100	25.84
HI-IHRISER24R	Reclaimed 61 cm riser with pre-glued purple 1/ 2" fittings	100	29.77
HI-IHRISER36R	Reclaimed 91 cm riser with pre-glued purple 1/ 2" fittings	25	34.42

IH Risers Components



Code	Description	Bag/Box Qty	List Price
HI-IH250	1/ 2" flexible PVC hose: 76 m (250'), (17.3 mm OD x 12.7 mm ID)	1	\$578.82
HI-IHFIT3850	3/8" PVC x 1/2" MPT IH Fitting	2,000	1.89
HI-IHFIT3850NP	3/8" PVC x 1/2" MPT IH Fitting (reclaimed)	2,000	1.89
HI-SCREENCV	Check Valve Screen Assembly (2.7 m)	25/500	5.06

Rigid Risers



Code	Description	Bag/Box Qty	List Price
HI-RR12	30 cm Rigid Riser	100/1,000	\$1.36
HI-RR12T	30 cm Rigid Riser with 1/2" threaded base	50/500	3.64
HI-RR12B	30 cm Rigid Riser with 6 mm barb base	100/1,000	1.96

Root Zone Watering System

**RZWS, Tree and Shrub Subsurface Watering System, with locking cap and StrataRoot™ baffles**

Code	Description	Qty/Box	List Price
HI-RZWS10	Basic 25 cm (10") Root Zone Watering System, including StrataRoot™ System and cap ready to accept customer-provided irrigation hardware; bubbler, swing joint and check valve not included	20	\$52.74
HI-RZWS1025	RZWS-10 with a factory installed 0.90 l/m (0.25 GPM) bubbler (PCB25) and ½" swing joint	20	64.77
HI-RZWS1050	RZWS-10 with a factory installed 1.90 l/m (0.50 GPM) bubbler (PCB50) and ½" swing joint	20	64.77
HI-RZWS1025CV	RZWS-10-25 with a factory installed Hunter check valve (HCV)	20	99.43
HI-RZWS1050CV	RZWS-10-50 with a factory installed Hunter check valve (HCV)	20	99.43
HI-RZWS18	Basic 45 cm (18") Root Zone Watering System, including StrataRoot™ baffles and cap ready to accept customer-provided irrigation hardware; bubbler, swing joint and check valve not included	12	105.43
HI-RZWS1825	RZWS-18 with a factory installed 0.90 l/m (0.25 GPM) bubbler (PCB25) and ½" swing joint	12	129.55
HI-RZWS1850	RZWS-18 with a factory installed 1.90 l/m (0.50 GPM) bubbler (PCB50) and ½" swing joint	12	129.55
HI-RZWS1825CV	RZWS-18-25 with a factory installed Hunter check valve (HCV)	12	165.70
HI-RZWS1850CV	RZWS-18-50 with a factory installed Hunter check valve (HCV)	12	165.70
HI-RZWS36	Basic 90 cm (36") Root Zone Watering System, including StrataRoot™ baffles and cap ready to accept customer-provided irrigation hardware; bubbler, swing joint and check valve not included	6	120.55
HI-RZWS3625	RZWS-36 with a factory installed 0.90 l/m (0.25 GPM) bubbler (PCB25) and ½" swing joint	6	155.16
HI-RZWS3650	RZWS-36 with a factory installed 1.90 l/m (0.50 GPM) bubbler (PCB50) and ½" swing joint	6	155.16
HI-RZWS3625CV	RZWS-36-25 with a factory installed Hunter check valve (HCV)	6	186.80
HI-RZWS3650CV	RZWS-36-50 with a factory installed Hunter check valve (HCV)	6	186.80

RZWS Accessories

Code	Description	Qty/Box	List Price
HI-913300SP	Replacement new style snap-on locking cap for RZWS-18 and RZWS-36	1	\$12.66
HI-913301SP	Purple reclaimed cap for new style snap-on locking RZWS-18 and RZWS-36 models	1	15.83
HI-RZWSCAP	Replacement cap for RZWS-18 and RZWS-36 (old style)	1	12.66
HI-RZWSRCCAP	Purple Replacement cap for RZWS-18 and RZWS-36 (old style)	1	15.83
HI-RZWS10CAPSP	Replacement black cap for RZWS-10 models	1	12.66
HI-RZWS10RCC	Purple Replacement cap for RZWS-10 models	1	15.83
HI-RZWSLEEVE	Field-installed sleeve made from landscape filter fabric for sandy soils.	1	17.65

Root Zone Watering System

**RZWS, Tree and Shrub Subsurface Watering System, with locking cap and StrataRoot™ baffles**

Code	Description	Qty/Box	List Price
HI-RZWS10R	Basic 25 cm (10") Root Zone Watering System, including StrataRoot™ System and cap ready to accept customer-provided irrigation hardware; bubbler, swing joint and check valve not included	20	\$58.74
HI-RZWS1025R	RZWS-10 with a factory installed 0.90 l/m (0.25 GPM) bubbler (PCB25) and ½" swing joint	20	70.85
HI-RZWS1050R	RZWS-10 with a factory installed 1.90 l/m (0.50 GPM) bubbler (PCB50) and ½" swing joint	20	70.85
HI-RZWS1025CVR	RZWS-10-25 with a factory installed Hunter check valve (HCV)	20	105.43
HI-RZWS1050CVR	RZWS-10-50 with a factory installed Hunter check valve (HCV)	20	105.43
HI-RZWS18R	Basic 45 cm (18") Root Zone Watering System, including StrataRoot™ baffles and cap ready to accept customer-provided irrigation hardware; bubbler, swing joint and check valve not included	12	111.46
HI-RZWS1825R	RZWS-18 with a factory installed 0.90 l/m (0.25 GPM) bubbler (PCB25) and ½" swing joint	12	135.60
HI-RZWS1850R	RZWS-18 with a factory installed 1.90 l/m (0.50 GPM) bubbler (PCB50) and ½" swing joint	12	135.60
HI-RZWS1825CVR	RZWS-18-25 with a factory installed Hunter check valve (HCV)	12	171.72
HI-RZWS1850CVR	RZWS-18-50 with a factory installed Hunter check valve (HCV)	12	171.72
HI-RZWS36R	Basic 90 cm (36") Root Zone Watering System, including StrataRoot™ baffles and cap ready to accept customer-provided irrigation hardware; bubbler, swing joint and check valve not included	6	126.51
HI-RZWS3625R	RZWS-36 with a factory installed 0.90 l/m (0.25 GPM) bubbler (PCB25) and ½" swing joint	6	161.19
HI-RZWS3650R	RZWS-36 with a factory installed 1.90 l/m (0.50 GPM) bubbler (PCB50) and ½" swing joint	6	161.19
HI-RZWS3625CVR	RZWS-36-25 with a factory installed Hunter check valve (HCV)	6	192.82
HI-RZWS3650CVR	RZWS-36-50 with a factory installed Hunter check valve (HCV)	6	192.82

RZWS-E, Tree and Shrub Subsurface Watering System with top servicable cap

Code	Description	Qty/Box	List Price
HI-RZWSE1825	45cm (18") Root Zone Water System with a factory installed 0.90 l/m (0.25 GPM) bubbler (PCB25) and ½" swing joint	20	\$87.39
HI-RZWSE1850	45cm (18") Root Zone Water System with a factory installed 1.90 l/m (0.50 GPM) bubbler (PCB50) and ½" swing joint	20	87.39
HI-RZWSE3625	90cm (18") Root Zone Water System with a factory installed 0.90 l/m (0.25 GPM) bubbler (PCB25) and ½" swing joint	20	105.43
HI-RZWSE3650	90cm (18") Root Zone Water System with a factory installed 1.90 l/m (0.50 GPM) bubbler (PCB50) and ½" swing joint	20	105.43



Multi-Purpose Box



Code	Description	Qty/Box	List Price
HI-MB0811	Multi-purpose box with dark brown lid 20 x 28cm	10	\$71.58
HI-MB0811B	Multi-purpose box with black lid 20 x 28cm	10	71.58
HI-MB0811G	Multi-purpose box with green lid 20 x 28cm	10	71.58
HI-MB0811T	Multi-purpose box with tan lid 20 x 28cm	10	71.58
HI-MB0811R	Multi-purpose box with purple lid 20 x 28cm	10	71.58
HI-MBBOX	Multi-purpose box, dark brown, 20 x 28cm	10	53.73
HI-MBLID	Multi-purpose Lid, dark brown	10	17.88
HI-MBLIDB	Multi-purpose Lid, black	10	17.88
HI-MBLIDG	Multi-purpose Lid, green	10	17.88
HI-MBLIDT	Multi-purpose Lid, tan	10	17.88
HI-MBLIDR	Multi-purpose Lid, purple (reclaimed)	10	17.88

Micro System Accessories



Code	Description	Bag/Box Qty	List Price
HI-AFVT	Automatic flush valve with 1/2" MPT connection	1/10	\$35.85
HI-PLDAVR	1/2" MPT air and vacuum relief valve	10/100	35.23
HI-AVR075	3/4" MPT air and vacuum relief valve	16	35.85

Drip Control Zone Kit



Ships assembled for immediate installation

Code	Description	Qty/Box	List Price
HI-PCZ10125B	1" BSP Drip Zone Control Kit with PGV flow control valve 1.7 bar (25 PSI) regulator, 3/4" outlet	1	\$235.71
HI-PCZ10140B	1" BSP Drip Zone Control Kit with PGV flow control valve 2.8 bar (40 PSI) regulator, 3/4" outlet	1	235.71
HI-269205	Reclaimed water ID handle for PGV101 Series	1	7.78
HI-HY075	3/4" NPT WYE filter with 150 mesh stainless steel screen	5	60.17
HI-HFR07525	Pressure regulating filter, 3/4" inlet and outlet, 1.7 bar (25 PSI) regulation	5	125.29
HI-HFR07540	Pressure regulating filter, 3/4" inlet and outlet, 2.8 bar (40 PSI) regulation	5	125.29



Swing Joint – Threaded

SJ: Swing Joint, Pre-assembled Leak-free Design with 4 Swing Elbows

Code	Description	Qty/Box	List Price
HI-SJ506	1/2" x 15 cm (6") standard swing joint, 4 swing elbows	150	\$7.43
HI-SJ512	1/2" x 30 cm (12") standard swing joint, 4 swing elbows	100	8.95
HI-SJ706	3/4" x 15 cm (6") standard swing joint, 4 swing elbows	150	8.21
HI-SJ712	3/4" x 30 cm (12") standard swing joint, 4 swing elbows	100	9.41
HI-SJ7506	3/4" x 1/2" x 15 cm (6") swing joint, 4 swing elbows	200	8.47
HI-SJ7512	3/4" x 1/2" x 30 cm (12") standard swing joint, 4 swing elbows	100	9.41

Hunter Flexible Tubing – Swing Pipe



SJ: Swing Joint, Pre-assembled Leak-free Design with 4 Swing Elbows

Code	Description	Qty	List Price
HI-FLEXSG	Soft grip, flexible tubing, 30 m (100') coil	75/pallet	\$136.45
HI-FLEXSG18	Soft grip, flexible tubing, precut 45 cm (18") segments	200/Box	2.74

Hunter Spiral Barb Elbows



Code	Description	Qty/Box	List Price
HI-HSBE050	1/2" male x insert poly barb elbow	200	\$0.99
HI-HSBE075	3/4" male x insert poly barb elbow	200	1.04
HI-HSBETOOL	Installation tool	1	19.03

TOOLS & ACCESSORIES

"T" handle tool

HI-053191
List Price \$7.46



Rotor pitot gauge & tube assembly

HI-280100
List Price \$169.84



Nozzle Insertion Collar

HI-123200
List Price \$2.58



Valve box hand pump

HI-460302
List Price \$129.66



Hunter Wrench

HI-172000
List Price \$1.31



Emitter tool

HI-HEMT
List Price \$68.62



Nelson/Hunter
Marker Flags
Bundle of 100
HC-FLAG1
List Price \$69.60



Articulated Risers



Code	Description	Qty/Bag	List Price
HC-AR15150	Articulated Riser, 15mm x 150mm, 3 Elbows	10	\$3.12
HC-AR15200	Articulated Riser, 15mm x 200mm, 3 Elbows	10	3.40
HC-AR15300	Articulated Riser, 15mm x 300mm, 3 Elbows	10	3.74
HC-AR20200	Articulated Riser, 20mm x 200mm, 3 Elbows	10	4.03
HC-AR20300	Articulated Riser, 20mm x 300mm, 3 Elbows	10	4.67
HC-AR25200	Articulated Riser, 25mm x 200mm, 3 Elbows	5	6.69
HC-AR25300	Articulated Riser, 25mm x 300mm, 3 Elbows	5	6.84
HC-ARE15	1/2" Male x Female Elbow for Articulated Riser	20	0.70
HC-ARE20	3/4" Male x Female Elbow for Articulated Riser	20	0.78
HC-ARE25	1" Male x Female Elbow for Articulated Riser	20	1.27



MP Quick Connector

Code	Description	Qty/Box	List Price
HC-MPQCB	MP Quick Connector - with LTO Barb (for PE Pipe) Assembled	50	\$10.36
HC-MPQCL	MP Quick Connector - with 2 Piece LTO Barb (FT5) for PE Pipe	50	11.77
HC-MPQCS	MP Quick Connector - with 15mm PVC Spigot (for PVC Pipe) Assembled	50	10.36

MP Quick Connector Components & Accessories

Code	Description	Qty/Box	List Price
HC-MPQCE	MP 15mm NPT 90° PVC Elbow x 10mm Compression	1	\$6.22
9774	MP LTO for PE Pipe	1	3.10
10623	MP 15mm PVC Spigot x 10mm Compression	1	2.40
9099	MP Riser Tubing, 10mm x 150m Roll	1	695.13
10301	MP QC Goof Plug	1	3.05
9813	MP QC Coupler	1	4.53
9810	MP QC LTO Punch Tool for LD PE Pipe	1	44.88

MP Riser

Code	Description	Qty/Box	List Price
HC-MPRB	MP Riser - with LTO Barb (for PE Pipe) - Assembled	10	\$24.81
HC-MPRS	MP Riser - with 15 mm PVC Spigot (for PVC Pipe) - Assembled	10	24.81

MP Riser Components

Code	Description	Qty/Box	List Price
10970MP	MP Riser Stake	1	\$8.55
10594	MPR to ACME Adapter	1	5.12
9677	MP Stake Adapter	1	3.51
9774	MP LTO for PE Pipe	1	3.10
10623	MP 15mm PVC Spigot x 10mm MP Riser Tubing	1	2.40
9099	MP Riser Tubing, 10mm x 150m Roll	1	695.13

MP Riser Accessories

Code	Description	Qty/Box	List Price
10301	MP Riser Goof Plug	1	\$3.05
10615	MP Riser Cap	1	2.84
9813	MP Riser Coupler	1	4.53
9810	MP Riser LTO Hand Punch Tool for LD PE Pipe (Blue)	1	44.88
10288	MP Riser Stake Installation Tool	1	38.43

MP Regulator/Drain Check ACME Thread

Code	Description	Qty/Box	List Price
10407-030	Regulator Drain Check (MPRDC) - 30 PSI	150	\$23.69
10407-040	Regulator Drain Check (MPRDC) - 40 PSI	150	23.69
10407-050	Regulator Drain Check (MPRDC) - 50 PSI	150	23.69
10099-030	Regulator (MPR) - 30 PSI	150	21.50
10099-040	Regulator (MPR) - 40 PSI	150	21.50
10099-050	Regulator (MPR) - 50 PSI	150	21.50



EZ Irrigation Cable

1 Core Direct Burial

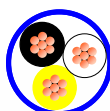


Code	Description	Qty/Box	List Price
HC-IC0115500	EZ Irrigation Cable 1 Core 1.5mm ² 500m	1	\$477.00
HC-IC0125500	EZ Irrigation Cable 1 Core 2.5mm ² 500m	1	847.95
HC-IC0140500	EZ Irrigation Cable 1 Core 4.0mm ² 500m	1	1,425.75
HC-IC0160500	EZ Irrigation Cable 1 Core 6.0mm ² 500m	1	2,148.30



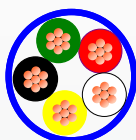
2 Core Direct Burial w/- Rip Cord

Code	Description	Qty/Box	List Price
HC-IC0210100	EZ Irrigation Cable 2 Core 1.0mm ² 100m	1	\$187.53
HC-IC0210500	EZ Irrigation Cable 2 Core 1.0mm ² 500m	1	937.69
HC-IC0215100	EZ Irrigation Cable 2 Core 1.5mm ² 100m	1	237.48
HC-IC0215500	EZ Irrigation Cable 2 Core 1.5mm ² 500m	1	1,187.39
HC-IC0225500	EZ Irrigation Cable 2 Core 2.5mm ² 500m	1	1,869.89
HC-IC0240500	EZ Irrigation Cable 2 Core 4.0mm ² 500m	1	3,343.63



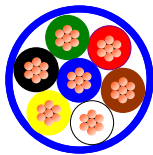
3 Core Direct Burial w/- Rip Cord

Code	Description	Qty/Box	List Price
HC-IC0305050	EZ Irrigation Cable 3 Core 0.5mm ² 50m	1	\$66.63
HC-IC0305100	EZ Irrigation Cable 3 Core 0.5mm ² 100m	1	133.25
HC-IC0305500	EZ Irrigation Cable 3 Core 0.5mm ² 500m	1	666.38
HC-IC0310100	EZ Irrigation Cable 3 Core 1.0mm ² 100m	1	254.57
HC-IC0310500	EZ Irrigation Cable 3 Core 1.0mm ² 500m	1	1,272.86
HC-IC0315100	EZ Irrigation Cable 3 Core 1.5mm ² 100m	1	330.23
HC-IC0315500	EZ Irrigation Cable 3 Core 1.5mm ² 500m	1	1,659.39
HC-IC03151000	EZ Irrigation Cable 3 Core 1.5mm ² 1,000m	1	3,318.77
HC-IC0325500	EZ Irrigation Cable 3 Core 2.5mm ² 500m	1	2,912.00

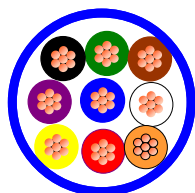


5 Core Direct Burial w/- Rip Cord

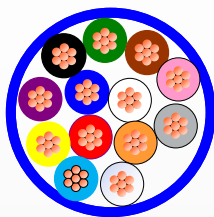
Code	Description	Qty/Box	List Price
HC-IC0505020	EZ Irrigation Cable 5 Core 0.5mm ² 20m	1	\$56.05
HC-IC0505050	EZ Irrigation Cable 5 Core 0.5mm ² 50m	1	104.62
HC-IC0505100	EZ Irrigation Cable 5 Core 0.5mm ² 100m	1	209.31
HC-IC0505500	EZ Irrigation Cable 5 Core 0.5mm ² 500m	1	1,046.39
HC-IC0510100	EZ Irrigation Cable 5 Core 1.0mm ² 100m	1	424.55
HC-IC0510500	EZ Irrigation Cable 5 Core 1.0mm ² 500m	1	2,131.06
HC-IC0515100	EZ Irrigation Cable 5 Core 1.5mm ² 100m	1	558.45
HC-IC0515500	EZ Irrigation Cable 5 Core 1.5mm ² 500m	1	2,800.53
HC-IC0525500	EZ Irrigation Cable 5 Core 2.5mm ² 500m	1	4,975.91

**EZ Irrigation Cable****7 Core Direct Burial w/- Rip Cord**

Code	Description	Qty/Box	List Price
HC-IC0705020	EZ Irrigation Cable 7 Core 0.5mm ² 20m	1	\$70.23
HC-IC0705050	EZ Irrigation Cable 7 Core 0.5mm ² 50m	1	137.67
HC-IC0705100	EZ Irrigation Cable 7 Core 0.5mm ² 100m	1	275.34
HC-IC0705500	EZ Irrigation Cable 7 Core 0.5mm ² 500m	1	1,384.96
HC-IC0710100	EZ Irrigation Cable 7 Core 1.0mm ² 100m	1	574.11
HC-IC0710500	EZ Irrigation Cable 7 Core 1.0mm ² 500m	1	2,878.88
HC-IC0715100	EZ Irrigation Cable 7 Core 1.5mm ² 100m	1	749.16
HC-IC0715500	EZ Irrigation Cable 7 Core 1.5mm ² 500m	1	3,754.43
HC-IC0725500	EZ Irrigation Cable 7 Core 2.5mm ² 500m	1	6,508.48

**9 Core Direct Burial w/- Rip Cord**

Code	Description	Qty/Box	List Price
HC-IC0905020	EZ Irrigation Cable 9 Core 0.5mm ² 20m	1	\$90.09
HC-IC0905050	EZ Irrigation Cable 9 Core 0.5mm ² 50m	1	181.03
HC-IC0905100	EZ Irrigation Cable 9 Core 0.5mm ² 100m	1	362.12
HC-IC0905500	EZ Irrigation Cable 9 Core 0.5mm ² 500m	1	1,818.96
HC-IC0910100	EZ Irrigation Cable 9 Core 1.0mm ² 100m	1	721.40
HC-IC0910500	EZ Irrigation Cable 9 Core 1.0mm ² 500m	1	3,615.24
HC-IC0915100	EZ Irrigation Cable 9 Core 1.5mm ² 100m	1	948.32
HC-IC0915500	EZ Irrigation Cable 9 Core 1.5mm ² 500m	1	4,750.40
HC-IC0925500	EZ Irrigation Cable 9 Core 2.5mm ² 500m	1	8,419.78

**13 Core Direct Burial w/- Rip Cord**

Code	Description	Qty/Box	List Price
HC-IC1305050	EZ Irrigation Cable 13 Core 0.5mm ² 50m	1	\$251.06
HC-IC1305100	EZ Irrigation Cable 13 Core 0.5mm ² 100m	1	502.22
HC-IC1305500	EZ Irrigation Cable 13 Core 0.5mm ² 500m	1	2,519.37
HC-IC1310100	EZ Irrigation Cable 13 Core 1.0mm ² 100m	1	1,008.05
HC-IC1310500	EZ Irrigation Cable 13 Core 1.0mm ² 500m	1	5,048.36
HC-IC1315100	EZ Irrigation Cable 13 Core 1.5mm ² 100m	1	1,301.92
HC-IC1315500	EZ Irrigation Cable 13 Core 1.5mm ² 500m	1	6,517.94

Cable Size Tables

TABLE 1 - ALLOWABLE DISTANCES FOR VARIOUS WIRE SIZES* - CONVENTIONAL CONTROLLER

Control Wire (mm ²)						
Ground Wire (mm ²)	0.5	1.0	1.5	2.5	4.0	6.0
0.5	157	209	235	261	279	289
1.0	209	314	377	449	503	538
1.5	235	377	470	588	684	754
2.5	261	449	588	783	965	1,103
4.0	279	503	684	965	1,257	1,502
6.0	289	538	751	1,103	1,502	1,864

Note: Maximum one-way distance in metres between controller and solenoid assuming 370 mA inrush current, AVL = 4 volts, 1 valve on at a time

Table 1 is for a single active solenoid. With two solenoids operating simultaneously on the same wires, the wire distances should be halved.

TABLE 2 - ALLOWABLE DISTANCES FOR VARIOUS WIRE SIZES - EZ DECODER CONTROLLER

Wire Size (mm ²)	Distance				
	1 solenoid	2 solenoids per output	3 Active solenoids	4 Active solenoids	5 Active solenoids
	(m)	(m)	(m)	(m)	(m)
0.5	174	87	58	44	35
1.0	348	174	116	87	70
1.5	522	261	174	131	104
2.5	871	435	290	218	174
4.0	1393	697	464	348	279

Note: Distances in the Wiring Table are calculated based on 50 Hz with a wire temperature of 38°C and a 10% safety factor. An active P/MV will count as another solenoid if it is operated by an EZ-1 decoder.

ID Decoder Irrigation Cable

2 Core Direct Burial

Code	Description	Qty/Box	List Price
HC-ID07BLU100	ID0.7 Decoder Irrigation Cable Twisted 2 Core 16 AWG (1.35mm ²) 100m	1	\$457.77
HC-ID07BLU	ID0.7 Decoder Irrigation Cable Twisted 2 Core 16 AWG (1.35mm ²) 500m	1	2,288.87
HC-ID1BLU100	ID1 Decoder Irrigation Cable Twisted 2 Core 14 AWG (2.1mm ²) 100m	1	563.15
HC-ID1BLU	ID1 Decoder Irrigation Cable Twisted 2 Core 14 AWG (2.1mm ²) 500m	1	2,815.75
HC-ID2BLU	ID2 Decoder Irrigation Cable Twisted 2 Core 12 AWG (3.3mm ²) 500m	1	3,929.24

ID WIRE MAXIMUM WIRE RUNS - ACC2 & PILOT CONTROLLER

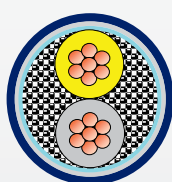
ID 0.7 Wire	ID 1 Wire	ID 2 Wire
900m with legacy DUAL™ systems	1,500m with legacy DUAL™ systems	2,300m with legacy DUAL™ systems
1.8 km with ICD systems	3 km with ICD systems	4.5 km with ICD systems

Hydrawise Flow Meter Shielded Communication Cable

2 Core Direct Burial

Code	Description	Qty/Box	List Price
HC-FMC0210100	Hydrawise Flow Meter Communications Cable Shielded Twisted 2 Core Plus Drain 1.0m ² 100m	1	\$569.66
HC-FMC0210300	Hydrawise Flow Meter Communications Cable Shielded Twisted 2 Core Plus Drain 1.0m ² 300m	1	1,708.98

Note: Meter must be hardwired to the controller via shielded cable, minimum 0.75mm² wire, up to 300m from the controller.



Irrigation Cable Connectors

WeatherProof & UnderGround IDEAL Cable Connectors

Code	Description	Qty/Box	List Price
HC-WC61J	Weatherproof IDEAL Cable Connector Model 61	150	\$1.72
HC-WC62J	Weatherproof IDEAL Cable Connector Model 62	100	2.17
HC-WC63J	Weatherproof IDEAL Cable Connector Model 63	50	2.59
HC-WC60B	Underground IDEAL Cable Connector Model 60	100	3.47
HC-WC64B	Underground IDEAL Cable Connector Model 64	50	4.41
HC-WC61C	Weatherproof IDEAL Cable Connector Model 61 Card of 25	1	52.68
HC-WC62C	Weatherproof IDEAL Cable Connector Model 62 Card of 20	1	52.68
HC-WC63C	Weatherproof IDEAL Cable Connector Model 63 Card of 15	1	48.16
HC-WC60C	Underground IDEAL Cable Connector Model 60 Card of 25	1	105.35

IDEAL Cable Connector Tools

Code	Description	Qty/Box	List Price
HC-WCSTTOOL	Spin-Twist IDEAL Connector Tool	1	\$36.12
HC-WCECSTOOL	Ergonomic IDEAL Premium Cable Stripper 0.5mm ² - 4.0mm ²	1	31.50

IDC Insulation Displacement Cable Connectors

Code	Description	Qty/Box	List Price
HC-WCUR2	UR2 IDEAL IDC Cable Connector	100	\$0.52
HC-WC316IR	316IR 3M IDC Cable Connector	30	3.97
HC-WC314	314 3M IDC Cable Connector	50	3.92

Direct Bury Cable Connectors

Code	Description	Qty/Box	List Price
HC-WCDBRY6	DBR/Y-6 3M Direct Bury Cable Connector	100	\$6.92

Cable Connector Chart

Cable Combinations:

Model:	Size:	0.5mm ²	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	6.0mm ²
	Qty:	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4
WeatherProof							
HC-WC61 IDEAL Grey/Orange		MIN 2x 0.5mm ²					
HC-WC62 IDEAL Grey/Red			MIN 3x 1.0mm ²				
HC-WC63 IDEAL Grey/Dark Blue					MIN 3x 2.5mm ²		
UnderGround							
HC-WC60 IDEAL Grey/Grey			MIN 2x 1.0mm ²				
HC-WC64 IDEAL Grey/Dark Blue			MIN 2x 1.0mm ²				
IDC							
HC-WCUR2 IDEAL Red							
HC-WC316IR 3M Black							
HC-WC314 3M Blue							
Direct Bury							
HC-WCDBRY6 3M Red/Yellow			MIN 2x 1.0mm ²				
	Size:	0.5mm ²	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	6.0mm ²
	Qty:	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4

Earth Grounding & Control



For Hunter Commercial Controllers

Code	Description	Qty/Box	List Price
HC-DCFD	DCFD - Inline Decoder Cable Fuse Device	1	\$399.69
HC-DCFD2	DCFD - 2 Way Decoder Cable Fuse Device	5	404.64
HC-DCFD3	DCFD - 3 Way Decoder Cable Fuse Device	5	552.66
HC-GR096	Decoder Grounding Rod 5/8" x 8' with 4.5m x 5.3mm ² (#10AWG) insulated wire	1	231.82
HC-GP036	Decoder Grounding Plate 4" x 36" with 3m x 5.3mm ² (#10AWG) insulated wire	1	571.03
HC-GR096C	Controller Grounding Rod 5/8" x 8' with 4.5m x 13.3mm ² (#6AWG) insulated wire	1	293.27
HC-GP096	Controller Grounding Plate 4" x 96" with 7m x 13.3mm ² (#6AWG) insulated wire	1	978.43
HC-GRCLAMP	Grounding Rod Clamp 5/8"	1	19.16
HC-GPSET	Powerset Earth Contact Backfill 22.7kg bag	1	694.17

NEW Hunter® Branded Commercial Series Valve Boxes**170mm Round Commercial Valve Box - 230mm Deep**

HDPE Construction, Overlay Lid

(common industry size names: 7" ROUND)

Code	Description	Qty/Box	List Price
HC-CVB07RD2	170mm RND x 230mm Deep Valve Box W/Lid Black/Green		\$37.76
HC-CVB07RD4	170mm RND x 230mm Deep Valve Box W/Lid Purple/Purple (RW)		37.76

170mm Round Commercial Valve Box Lid

(will directly replace Dura or Toro/Dura lids)

HC-CVBL07RD1	170mm RND Lid Green		\$14.58
HC-CVBL07RD4	170mm RND Lid Purple		14.58

170mm Round Commercial Valve Box Body

HC-CVBB07RD2	170mm RND Vlv Box Body Black		\$32.09
HC-CVBB07RD4	170mm RND Vlv Box Body Purple		32.09

250mm Round Commercial Valve Box - 260mm Deep

HDPE Construction, Overlay Lid C/W Recessed Nut

(common industry size names: 0910, 10" Round)



Code	Description	Qty/Box	List Price
HC-CVB10RD2	250mm RND x 260mm Deep Valve Box W/Lid Black/Green		\$50.58
HC-CVB07RD4	250mm RND x 260mm Deep Valve Box W/Lid Purple/Purple (RW)		50.58

250mm Round Commercial Valve Box Lid

(will directly replace Dura or Toro/Dura lids)

HC-CVBL10RD1	250mm RND Lid Green		\$28.38
HC-CVBL10RD4	250mm RND Lid Purple		28.38

250mm Round Commercial Valve Box Body

HC-CVBB10RD2	250mm RND Valve Box Body Black		\$38.93
HC-CVBB10RD4	250mm RND Valve Box Body Purple		38.93

Note: All commercial valve boxes are for use in non-vehicular traffic areas

NEW Hunter® Branded Commercial Series Valve Boxes**250mm x 380mm Rectangular Commercial Valve Box – 280mm Deep**

HDPE Construction, Overlay Lid C/W Recessed Nut
(common industry size names: 10 x 15", Mini Standard)

Code	Description	Qty/Box	List Price
HC-CVB10102	250mm X 380mm RCT X 280mm Deep Valve Box W/Lid Black/Green		\$57.61
HC-CVB10104	250mm X 380mm RCT X 280mm Deep Valve Box W/Lid Purple/Purple (RW)		57.61

250mm x 380mm Rectangular Commercial Valve Box Lid

HC-CVBL101	250mm x 380mm RCT Lid Green	\$28.81
HC-CVBL104	250mm x 380mm RCT Lid Purple (RW)	28.81

250mm x 380mm Rectangular Commercial Valve Box Body – 280mm Deep

HC-CVBB10102	250mm x 380mm RCT x 280mm Deep Valve Box Body Black	\$48.97
HC-CVBB10104	250mm x 380mm RCT x 280mm Deep Valve Box Body Purple (RW)	48.97

**305mm x 430mm Rectangular Commercial Valve Box – 175mm Deep**

HDPE Construction, Overlay Lid C/W Recessed Nut
(common industry size names: 1419-6, 12 x 17")

Code	Description	Qty/Box	List Price
HC-CVB12062	305mm x 430mm RCT x 175mm Deep Valve Box w/Lid Black/Green		\$87.69
HC-CVB12064	305mm x 430mm RCT x 175mm Deep Valve Box w/Lid Purple/Purple (RW)		87.69

**305mm x 430mm Rectangular Commercial Valve Box – 310mm Deep**

HDPE Construction, Overlay Lid C/W Recessed Nut
(common industry size names: 1419-12, 12 x 17", Standard)

HC-CVB12122	305mm x 430mm RCT x 310mm Deep Valve Box w/Lid Black/Green	\$109.60
HC-CVB12124	305mm x 430mm RCT x 310mm Deep Valve Box w/Lid Purple/Purple (RW)	109.60

**305mm x 430mm Rectangular Commercial Valve Box Extension Body – 175mm Deep**

HC-CVBE12062	305mm x 430mm RCT x 175mm Deep Valve Box Extension Black	\$71.22
HC-CVBE12064	305mm x 430mm RCT x 175mm Deep Valve Box Extension Purple (RW)	71.22

Note: All commercial valve boxes are for use in non-vehicular traffic areas

**Hunter® Branded Commercial Series Valve Boxes****305mm x 430mm Rectangular Commercial Valve Box Lid**

(will directly replace Dura or Toro/Dura lids)

Code	Description	Qty/Box	List Price
HC-CVBL121	305mm x 430mm RCT Lid Green		\$42.71
HC-CVBL124	305mm x 430mm RCT Lid Purple (RW)		42.71

305mm x 430mm Rectangular Commercial Valve Box Body – 175mm Deep

HC-CVBB12062	305mm x 430mm RCT x 175mm Deep Valve Box Body Black		\$71.74
HC-CVBB12064	305mm x 430mm RCT x 175mm Deep Valve Box Body Purple (RW)		71.74

305mm x 430mm Rectangular Commercial Valve Box Body- 310mm Deep

HC-CVBB12122	305mm x 430mm RCT x 310mm Deep Valve Box Body Black		\$101.82
HC-CVBB12124	305mm x 430mm RCT x 310mm Deep Valve Box Body Purple (RW)		101.82

**380mm x 540mm Rectangular Commercial Valve Box – 175mm Deep**

HDPE Construction, Overlay Lid C/W Recessed Nut

(common industry size names: 1420-6, 15 x 21", 13 x 20, Jumbo, Super Jumbo)

Code	Description	Qty/Box	List Price
HC-CVB15062	380mm x 540mm RCT x 175mm Deep Valve Box W/Lid Black/Green		\$169.52
HC-CVB15064	380mm x 540mm RCT x 175mm Deep Valve Box W/Lid Purple/Purple (RW)		169.52

**380mm x 540mm Rectangular Commercial Valve Box – 310mm Deep**

HDPE Construction, Overlay Lid C/W Recessed Nut

(common industry size names: 1420-12, 15 x 21", 13 x 20, Jumbo, Super Jumbo)

HC-CVB15122	380mm x 540mm RCT x 310mm Deep Valve Box W/Lid Black/Green		\$219.26
HC-CVB15124	380mm x 540mm RCT x 310mm Deep Valve Box W/Lid Purple/Purple (RW)		219.26

**380mm x 540mm Rectangular Commercial Valve Box Extension Body – 175mm Deep**

HC-CVBE15062	380mm x 540mm RCT x 175mm Deep Valve Box Extension Black		\$163.86
HC-CVBE15064	380mm x 540mm RCT x 175mm Deep Valve Box Extension Purple (RW)		163.86

Note: All commercial valve boxes are for use in non-vehicular traffic areas

NEW Hunter® Branded Commercial Series Valve Boxes**380mm x 540mm Rectangular Commercial Valve Box Lid**

(will directly replace Dura or Toro/Dura lids)

Code	Description	Qty/Box	List Price
HC-CVBL151	380mm x 540mm RCT Lid Green		\$89.97
HC-CVBL154	380mm x 540mm RCT Lid Purple (RW)		89.97

380mm x 540mm Rectangular Commercial Valve Box Body – 175mm Deep

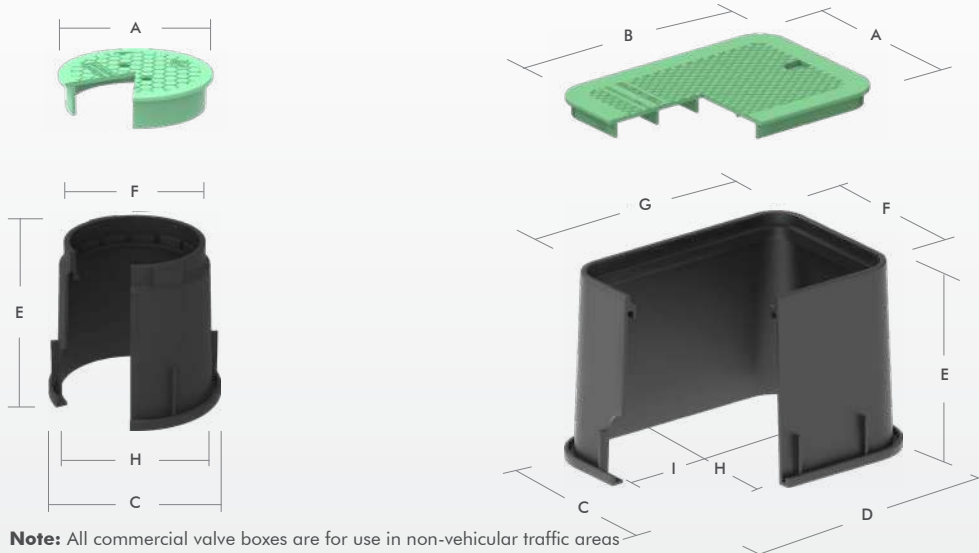
HC-CVBB15062	380mm x 540mm RCT x 175mm Deep Valve Box Body Black		\$102.86
HC-CVBB15064	380mm Xx540mm RCT x 175mm Deep Valve Box Body Purple (RW)		102.86

380mm x 540mm Rectangular Commercial Valve Box Body - 310mm Deep

HC-CVBB15122	380mm x 540mm RCT x 310mm Deep Valve Box Body Black		\$218.80
HC-CVBB15124	380mm x 540mm RCT x 310mm Deep Valve Box Body Purple (RW)		218.80

Note: All commercial valve boxes are for use in non-vehicular traffic areas**Hunter® Branded Commercial Series Valve Box Dimensions**

Model	External Dimensions (mm)					Internal Dimensions (mm)			
	Top		Bottom		Height	Clear Access Top Opening		Internal Base Opening	
	Width	Length	Width	Length		Width	Length	Width	Length
	A	B	C	D	E	F	G	H	I
HC-CVB07RD	173		234		229	157		220	
HC-CVB10RD	251		324		261	215		292	
HC-CVB1010	248	390	340	483	278	190	325	305	443
HC-CVB1206	303	432	353	488	183	240	355	312	444
HC-CVB1212	303	432	396	543	315	240	355	352	503
HC-CVB1506	384	546	449	622	183	320	470	395	570
HC-CVB1512	384	546	480	650	315	320	470	411	579



Modular Manifold Fittings

Rated to 200 PSI (1400 Kpa)

Code	Description	Qty/Bag	List Price
HC-MM100TEE	MANIFOLD TEE - UNION 1" BSP	20	\$11.24
HC-MM100CRS	MANIFOLD CROSS - UNION 1" BSP	10	16.15
HC-MM100ELB	MANIFOLD ELBOW – UNION 1" BSP	20	10.98
HC-MM100INL	MANIFOLD INLET – 1" BSP X COUPLING	20	4.98
HC-MM100CAP	MANIFOLD END CAP X COUPLING	20	4.28
HC-MM100CUP	MANIFOLD COUPLING X COUPLING	20	2.49
HC-MM100CLP	MANIFOLD CLIP – PLAIN (2 per joint)	20	1.72
HC-MM100CLPW	MANIFOLD CLIP – WALL MOUNT (2 per joint)	20	1.72
HC-MM100NIP	MANIFOLD NIPPLE 1" BSP X ACME (included with Tee, Cross, Elbow & some Valve Adaptors)	20	2.55
HC-MM100VA	MANIFOLD VALVE ADAPTOR 1" BSP X BSP (for the other side of the valve)	20	6.45
HC-MM100VAU	MANIFOLD VALVE ADAPTOR - UNION 1" BSP (for the other side of the valve)	20	9.58
HC-MM100VA19	MANIFOLD VALVE ADAPTOR 1" BSP x 19MM LDPE (for the other side of the valve)	20	8.94
HC-MM100VA25	MANIFOLD VALVE ADAPTOR 1" BSP x 25MM LDPE (for the other side of the valve)	20	9.39
HC-MM100TEE2	2 Zone Modular Manifold – 1" BSP Male Inlet	1	40.19
HC-MM100TEE3	3 Zone Modular Manifold – 1" BSP Male Inlet	1	59.06
HC-MM100TEE4	4 Zone Modular Manifold – 1" BSP Male Inlet	1	77.92
HC-MM100CRS6	6 Zone Modular Manifold – 1" BSP Male Inlet	1	81.73

Male Ultra Zone Manifold Fittings

Rated to 150 PSI (1035 Kpa)

Code	Description	Qty/Box	List Price
 LAS-1301-010	1" Tee - Nut x MTHD x VCONN	25	\$41.05
 LAS-1301-210	1" Double Tee - Nut x MTHD x VCONN (2)	25	80.15
 LAS-1301-310	1" Triple Tee - Nut x MTHD x VCONN (3)	25	120.37
 LAS-1301-410	1" Quad Tee - Nut x MTHD x VCONN (4)	25	172.27
 LAS-1303-010	1" Tee - VCONN x VCONN x Nut	20	41.02
 LAS-1304-010	1" Tee - Slip x MTHD x VCONN	20	39.91
 LAS-1306-010	1" Elbow - MTHD x VCONN	25	34.99
 LAS-1312-010	1" Elbow - Nut x VCONN	25	38.71
 LAS-1320-010	1" Cross - Nut x MTHD x VCONN x VCONN	15	54.57
 LAS-1321-010	1" Cross - Slip x MTHD x VCONN x VCONN	15	53.67
 LAS-1329-010	1" Adapter - Slip x Nut	40	22.37
 LAS-1330-010	1" Coupling - FT HD x O-Ring	100	8.96
 LAS-1330-131	1" x 3/4" Coupling - FT HD x O-Ring	100	8.96
 LAS-1336-010	1" Valve Adapter - Slip x VCONN	40	23.17
 LAS-1348-010	1" Cap - FT HD x O-Ring	100	8.94



1" Body Diameter Swing joint

Rated to 315 PSI (2170 Kpa)

Description	Qty/Box	List Price
1" Body Diameter 3 Elbow Swing Joint - Any Inlet/Any Outlet	15	\$114.13
1" Body Diameter 5 Elbow Triple Top Swing Joint - Any Inlet/Any Outlet	15	182.47

Note: All Swing Joints are 30 cm (12") lay arm. For 45cm (18") lay arm use '18' instead of '12' for last digits of the code and add \$13.94 to the list price

3 Elbow Code	5 Elbow Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	
LAS-G165-212	LAS-G165-412	BSP M	1"	BSP M	1"	I25 - I40
LAS-G16A-212	LAS-G16A-412	BSP M	1"	ACME	1 1/4"	G35 - G85
LAS-G168-212	LAS-G168-412	BSP M	1"	ACME	1 1/2"	G835 - G885
LAS-G125-212	LAS-G125-412	Spigot	1"	BSP M	1"	I25 - I40
LAS-G12A-212	LAS-G12A-412	Spigot	1"	ACME	1 1/4"	G35 - G85
LAS-G128-212	LAS-G128-412	Spigot	1"	ACME	1 1/2"	G835 - G885
LAS-G1M5-212	LAS-G1M5-412	ACME	1 1/2"	BSP M	1"	I25 - I40
LAS-G1MA-212	LAS-G1MA-412	ACME	1 1/2"	ACME	1 1/4"	G35 - G85
LAS-G1M0-212	LAS-G1M0-412	ACME	1 1/2"	ACME	1 1/2"	G835 - G885



1 1/4" Body Diameter Swing joint

Rated to 315 PSI (2170 Kpa)

Description	Qty/Box	List Price
1 1/4" Body Diameter 3 Elbow Swing Joint - Any Inlet/Any Outlet	15	\$164.59
1 1/4" Body Diameter 5 Elbow Triple Top Swing Joint - Any Inlet/Any Outlet	15	239.93

Note: All Swing Joints are 30 cm (12") lay arm. For 45cm (18") lay arm use '18' instead of '12' for last digits of the code and add \$13.94 to the list price

3 Elbow Code	5 Elbow Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	
LAS-G265-212	LAS-G265-412	BSP M	1 1/4"	BSP M	1 1/4"	
LAS-G260-212	LAS-G260-412	BSP M	1 1/4"	ACME	1 1/4"	G35 - G85
LAS-G268-212	LAS-G268-412	BSP M	1 1/4"	ACME	1 1/2"	G835 - G885
LAS-G225-212	LAS-G225-412	Spigot	1 1/4"	BSP M	1 1/4"	
LAS-G220-212	LAS-G220-412	Spigot	1 1/4"	ACME	1 1/4"	G35 - G85
LAS-G228-212	LAS-G228-412	Spigot	1 1/4"	ACME	1 1/2"	G835 - G885
LAS-G2M5-212	LAS-G2M5-412	ACME	1 1/2"	BSP M	1 1/4"	
LAS-G2MA-212	LAS-G2MA-412	ACME	1 1/2"	ACME	1 1/4"	G35 - G85
LAS-G2M0-212	LAS-G2M0-412	ACME	1 1/2"	ACME	1 1/2"	G835 - G885

1½" Body Diameter Swing joint

Rated to 315 PSI (2170 Kpa)

Description	Qty/Box	List Price
1½" Body Diameter 3 Elbow Swing Joint - Any Inlet/Any Outlet	10	\$200.33
1½" Body Diameter 5 Elbow Triple Top Swing Joint - Any Inlet/Any Outlet	10	286.50

Note: All Swing Joints are 30 cm (12") lay arm. For 45cm (18") lay arm use '18' instead of '12' for last digits of the code and add \$13.94 to the list price

3 Elbow Code	5 Elbow Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	
LAS-G365-212	LAS-G365-412	BSP M	1 1/2"	BSP M	1 1/2"	I90
LAS-G360-212	LAS-G360-412	BSP M	1 1/2"	ACME	1 1/2"	G880 - G885 - G995
LAS-G325-212	LAS-G325-412	Spigot	1 1/2"	BSP M	1 1/2"	I90
LAS-G320-212	LAS-G320-412	Spigot	1 1/2"	ACME	1 1/2"	G880 - G995
LAS-G3M5-212	LAS-G3M5-412	ACME	1 1/2"	BSP M	1 1/2"	I90
LAS-G3M0-212	LAS-G3M0-412	ACME	1 1/2"	ACME	1 1/2"	G880 - G995

2" Body Diameter Swing joint

Rated to 315 PSI (2170 Kpa)

Description	Qty/Box	List Price
2" Body Diameter 3 Elbow Swing Joint - Any Inlet/Any Outlet	10	\$595.70
2" Body Diameter 4 Elbow Swing Joint - Any Inlet/Any Outlet	10	881.61

Note: All Swing Joints are 30 cm (12") lay arm. For 45cm (18") lay arm use '18' instead of '12' for last digits of the code and add 25% extra to the list price

3 Elbow Code	4 Elbow Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size
LAS-G465-312	LAS-G465-912	BSP M	2"	BSP M	2"
LAS-G46D-312	LAS-G46D-912	BSP M	2"	BSP M	1 1/2"
LAS-G461-312	LAS-G461-912	BSP M	2"	Socket	2"
LAS-G425-312	LAS-G425-912	Spigot	2"	BSP M	2"
LAS-G42D-312	LAS-G42D-912	Spigot	2"	BSP M	1 1/2"
LAS-G421-312	LAS-G421-912	Spigot	2"	Socket	2"

3" Body Diameter Swing joint

Rated to 315 PSI (2170 Kpa)

Description	Qty/Box	List Price
3" Body Diameter 3 Elbow Swing Joint - Any Inlet/Any Outlet	10	\$1,181.46
3" Body Diameter 4 Elbow Swing Joint - Any Inlet/Any Outlet	10	1,654.04

Note: All Swing Joints are 30 cm (12") lay arm. For 45cm (18") lay arm use '18' instead of '12' for last digits of the code and add 25% extra to the list price

3 Elbow Code	4 Elbow Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size
LAS-G565-312	LAS-G565-912	BSP M	3"	BSP M	3"
LAS-G56E-312	LAS-G56E-912	BSP M	3"	BSP M	2"
LAS-G561-312	LAS-G561-912	BSP M	3"	Socket	3"
LAS-G525-312	LAS-G525-912	Spigot	3"	BSP M	3"
LAS-G52E-312	LAS-G52E-912	Spigot	3"	BSP M	2"
LAS-G521-312	LAS-G521-912	Spigot	3"	Socket	3"

ACME Test Cap



Code	Description	Size	Qty/Box	List Price
LAS-G548-012	ACME Test Cap	1 1/4"	25	\$16.53
LAS-G548-015	ACME Test Cap	1 1/2"	25	17.86

Snaplok QC Outlet Stabilised Swing joint

Rated to 315 PSI (2170 Kpa)

Description	Qty/Box	List Price
1" Body Diameter 3 Elbow Swing Joint with Snaplok Fittings - Any Inlet, 3/4" BSPM Outlet	15	\$243.81
1" Body Diameter 3 Elbow Swing Joint with Snaplok Fittings - Any Inlet, 1" BSPM Outlet	15	243.81

Note: All Swing Joints are 30 cm (12") lay arm. For 45cm (18") lay arm use '18' instead of '12' for last digits of the code and add \$13.94 to the list price

3 Elbow Code	Inle Style	Inlet Size	Outlet Style	Outlet Size	
LAS-G16T-212	BSP M	1"	BSP M	3/4"	for Hunter 3 & 33 QC Valves
LAS-G12T-212	Spigot	1"	BSP M	3/4"	for Hunter 3 & 33 QC Valves
LAS-G1MT-212	ACME	1 1/2"	BSP M	3/4"	for Hunter 3 & 33 QC Valves
LAS-G16U-212	BSP M	1"	BSP M	1"	for Hunter 5 QC Valves
LAS-G12U-212	Spigot	1"	BSP M	1"	for Hunter 5 QC Valves
LAS-G1MU-212	ACME	1 1/2"	BSP M	1"	for Hunter 5 QC Valves



ACME Service Fittings: Service Elbow



Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	Box Qty.	Price
LAS-307-251	Socket	2"	ACME F	1 1/2"	10	\$38.04
LAS-307-337	Socket	3"	ACME F	1 1/2"	5	105.17

ACME Service Fittings: Service Tee



Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	Box Qty.	Price
LAS-302-251	Socket	2"	ACME F	1 1/2"	10	\$47.56
LAS-302-337	Socket	3"	ACME F	1 1/2"	5	141.45

ACME Service Fittings: Reducing Bushing



Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	Box Qty.	Price
LAS-338-337	Spigot	3"	ACME F	1 1/2"	5	\$136.15

ACME Service Fittings: Double Swing Tee



Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	Box Qty.	Price
LAS-305-015	ACME F	1 1/2"	ACME F	1 1/2"	10	\$47.56

Metric Tap't Fittings: Tap't Saddles



Code	Inlet Size	Outlet Style	Outlet Size	Box Qty.	Price
LAS-7364-J015	63mm	ACME F	1 1/2"	5	\$134.47
LAS-7364-K015	75mm	ACME F	1 1/2"	5	166.46
LAS-7364-L015	90mm	ACME F	1 1/2"	5	206.83

Metric Tap't Fittings: Tap't Hybrid Coupling (End of the line)



Code	Inlet Size	Outlet Style	Outlet Size	Box Qty.	Price
LAS-P7330-J015	63mm	ACME F	1 1/2"	25	\$191.47

BSPF to ACME Adapter: Convert BSP for Hunter G Series Rotor



Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size		Box Qty.	Price
LAS-G008-132	BSP F	1"	ACME M	1 1/4"	G35-G85	25	\$36.84
LAS-G208-012	BSP F	1 1/4"	ACME M	1 1/4"	G35-G85	25	28.67
LAS-G308-015	BSP F	1 1/2"	ACME M	1 1/2"	G835 - G995	25	43.74
HI-475500	BSP F	1"	ACME M	1 1/2"	G835 - G885	25	43.74
HI-475300	BSP F	1 1/4"	ACME M	1 1/2"	G835 - G885	25	43.74
HI-107262	BSP F	1 1/2"	ACME M	1 1/4"	G35-G85	25	28.67

Swing Joint: Inlet Connectors



Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size		Box Qty.	Price
LAS-G120-000	Spigot	1"	ACME M	1"		5	\$28.40
LAS-G220-000	Spigot	1 1/4"	ACME M	1 1/4"		5	34.99
LAS-G320-000	Spigot	1 1/2"	ACME M	1 1/2"		5	46.41
LAS-G160-000	BSP M	1"	ACME M	1"		5	37.07
LAS-G260-000	BSP M	1 1/4"	ACME M	1 1/4"		5	34.99
LAS-G360-000	BSP M	1 1/2"	ACME M	1 1/2"		5	46.41
LAS-G001-014	ACME M	1 1/2"	ACME M	1"		5	28.40
LAS-G001-016	ACME M	1 1/2"	ACME M	1 1/4"		5	34.99
LAS-G001-004	ACME M	1 1/2"	ACME M	1 1/2"		5	46.41

Swing Joint: Outlet Elbows



Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size		Box Qty.	Price
LAS-G104-000	ACME F	1"	BSP M	1" 5		5	\$29.96
LAS-G204-000	ACME F	1 1/4"	BSP M	1 1/4"		5	50.18
LAS-G304-000	ACME F	1 1/2"	BSP M	1 1/2"		5	55.70
LAS-G108-211	ACME F	1"	ACME M	1 1/2"		5	71.21
LAS-G208-212	ACME F	1 1/4"	ACME M	1 1/2"		5	91.51
LAS-G100-002	ACME F	1"	ACME M	1"		5	58.61
LAS-G200-002	ACME F	1 1/4"	ACME M	1 1/4"		5	85.75
LAS-G300-002	ACME F	1 1/2"	ACME M	1 1/2"		5	102.20
LAS-G108-132	ACME F	1"	ACME M	1 1/4"		5	71.21



Swing Joint Replacement Parts: Swing Arm 12"

Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	Box Qty.	Price
LAS-G100-212	ACME F	1"	ACME M	1"	5	\$107.82
LAS-G200-212	ACME F	1 1/4"	ACME M	1 1/4"	5	128.95
LAS-G300-212	ACME F	1 1/2"	ACME M	1 1/2"	5	162.81



Swing Joint Replacement Parts: O-Rings

Code	Description	Nominal Size (in)	Box Qty.	Price
LAS-G53010	O-Ring	1"	10	\$8.99
LAS-G53012	O-Ring	1 1/4"	10	12.37
LAS-G53015	O-Ring	1 1/2"	10	13.94



Swing Joint Replacement Parts: Male Brass Stabiliser Elbow

Code	Inlet Style	Inlet Size	Outlet Style	Outlet Size	Box Qty.	Price
LAS-G001-013	ACME F	1"	BSP M	3/4"	5	\$150.14
LAS-G001-023	ACME F	1"	BSP M	1"	5	143.67



Swing Joint Replacement Parts: SnapLok

Code	Description	Swing Joint Size	Outlet Size	Box Qty.	Price
LAS-G001-012	Snaplok Fitting	1"	1" x 3/4"	5	\$62.48

Cable, Valve Location & Testing

Meter / Testers



Code	Description	List Price
TC-24BK	Station Master Pro Irrigation System Troubleshooter kit, tone tester & case	\$590.00
TC-24B	Station Master Pro Irrigation System Troubleshooter	477.90
TC-701KG	Tone & Probe Tracing Kit, Tone Tester & Case	359.90
TC-CMA360B	Pro Milliamp Clamp Meter, Decoder Network Troubleshooting	1,032.50
TC-PM100	Multimeter Pocket	263.38
TC-MM200	Multimeter Compact	658.26
TC-MM810	Multimeter. Full	1,145.90

Locators



NEW



Code	Description	List Price
TC-521A	Irrigation System Wire & Valve Locator Kit T	\$2,655.00
TC-521E	Irrigation System Wire & Valve Locator Kit Enhanced	3,053.25
TC-551	Irrigation System Wire & Valve Locator Kit. Dual Simultaneous Direct Frequencies plus Peak & Null Antennas	5,428.00
TC-508SG	Wire Finder Mini Locator Kit	1,837.38
TC-501	Tracker II Cable Locator Kit	3,038.50
TC-PE2003G	Pulser Ground Fault Locator Kit	4,277.50
TC-BLL200	Buried Line Locator Kit	10,053.95

Markers



Code	Description	List Price
TC-EML100	Marker Mate™ Electronic Marker Locator	\$4,632.39
TC-OM01	Omni Maker II Ball Purple (Non Potable)	61.60
TC-OM02	Omni Maker II Ball Orange/Black (CATV)	61.60
TC-OM03	Omni Maker II Ball - Yellow (Gas)	61.60
TC-OM04	Omni Maker II Ball - Yellow/Black(Fibre Optic)	57.47
TC-OM05	Omni Maker II Ball - Orange (Telephone)	57.47
TC-OM06	Omni Maker II Ball - Green (Sanitary)	61.60
TC-OM07	Omni Maker II Ball - Red/Blue (Europower)	61.60
TC-OM08	Omni Maker II Ball - Blue (Water)	57.47
TC-OM09	Omni Maker II Ball - Red (Power)	57.47
TC-SM11	Spike Marker - Purple (Non Potable)	53.28
TC-SM12	Spike Marker - Orange/Black (CATV)	53.28
TC-SM13	Spike Marker - Yellow (Gas)	53.28
TC-SM14	Spike Marker - Yellow/ Black (Fibre Optic)	53.28
TC-SM15	Spike Marker - Orange (Telephone)	53.28
TC-SM16	Spike Marker - Green (Sanitary)	53.28
TC-SM17	Spike Marker - Red/Blue (Europower)	53.28
TC-SM18	Spike Marker - Blue (Water)	53.28
TC-SM19	Spike Marker, Red , (Power)	53.28
NEW TC-SMFIX	Spike Marker Fixing Kit	10.33

Tool Kits



Code	Description	List Price
TC-ITKSPECIALIST	ITK Specialist Tool Kit	\$2,377.89
TC-ITKTECH	ITK Technician Tool Kit	1,345.39
TC-ITKSPECIALISTBCKP	ITK Specialist Backpack Tool Kit	2,768.76
TC-ITKTECHBCKP	ITK Technician Backpack Tool Kit	1,736.26

Tool Bags



Code	Description	List Price
TC-PA9000	Tempo Pro Tool Backpack	\$589.94
TC-PA9100	Tempo 20 Litre Bucket Bag	153.40
TC-PA9150	Tempo Technician Tool Bag	199.07

Hand Tools



Code	Description	List Price
TC-PA1117	Paladin Wire Stripper 0.5 -2.5 mm2	\$69.09
TC-PA1175	Paladin Pro Grip Contour Cable Cutter	87.91
TC-PA1180	Paladin Crimper , Needle Nose, Button Splice	78.65
TC-PA6IN1	Paladin 6 in 1 Multi- Tool / Screwdriver	57.29



EX Transformer

EX: An economical, low-wattage power and control option for LED lighting projects

Code	Description	List Price
HI-EX150AM	230 V Metal Enclosure - 150w* Australian plug/cord	\$752.71
HI-EXPCE	Photocell 230v EX Transformer, AUS	72.09
HI-SURGEMOD	Surge Protection Module for LED Lighting Fixtures	115.34
HI-DIMLV	Low voltage Dimmer Control	466.23

WiFi Plug

Code	Description	List Price
NEW HI-FXWIFIPLUG	FX Luminaire Wi-Fi Plug	\$239.83

Evo™ Collection - Recycled Composite Materials

Code	Description	List Price
HI-EA51E4WFLEBC	Evo EA-51 Accent Light	\$216.40
HI-EW31E3WEBC	Evo EW-31 Petite Wall Wash	216.40
HI-EP31E2W12REBC	Evo EP-31 Petite Path Light	232.57

Up Lights

MU: Versatile, classic aluminum up light

Code	Description	List Price
HI-MULED20WFLELSFB	20W Equivalent LED Lamp, 2,700K. 35° (4W/4.3VA), 45° Angled Long Shroud, Black	\$435.23

Note: Includes fixture, specified MR-16 LED lamp (1), clear lens, 0.9 m lead wire, and spike (1)

PB: Compact wall-wash solution

Code	Description	List Price
HI-PB1LEDEFB	1 LED (1.9W/2.2VA), 90° Wide Beam Spread, Black	\$624.79

Note: Includes fixture, 1 LED board (1), 0.9 m lead wire, and spike (1)

Path & Area Lights

TM: The perfect addition to any pathway

Code	Description	List Price
HI-TMLED20W18RFB	20W Equivalent LED, 5" Hat Diameter, Black. Includes 18" Riser Assembly	\$440.75

Note: Includes fixture, 1 LED board (1), 3 m lead wire, and spike (1)

JS: Engineered for mid-sized landscapes

Code	Description	List Price
HI-JSLEDTAFB	Top Assembly, 6.3" Hat Diameter, Black	\$336.45
HI-G1LED18RAFB	Riser Assembly, 1 LED (1.9W/2.2VA) 18" Riser Height, Black	640.96

Note: Includes fixture, 1 LED board (1), 3m lead wire, and spike (1)

Code	Description	List Price
HI-MPJ1LEDEFB	M-PJ PATH LIGHT, 1 LED (2.0W/2.4VA), 22.1", BLACK	\$825.52
HI-MPZ1LEDEFB	M-PZ PATH LIGHT, 1 LED (2.0W/2.4VA), 22.1", BLACK	825.52
HI-PM1LEDEFB	PM PATH LIGHT, 1 LED (2.0W/2.4VA), 14", BLACK	879.41



Strip Lights

Code	Description	List Price
HI-SRP10W	3.1m(10') Strip Light	\$749.91
HI-SRP40W	12.2m(40') Strip Light	2,707.35
HI-SRPCHN	Aluminium Channel Mount	217.16
HI-SRPMNT	Hardscape Mount	54.99
HI-SRPCUT	Strip Light Cutter Tool	285.79
HI-SRPCONNECTRGBW	Jumper, Power Feed, End Connector	452.57

Wall Light



LF: LED under-the-cap hardscape wall light

Code	Description	List Price
HI-LF1LEDWEBS	1 LED (1.9W/2.2VA) Wall Lights, (Warm 2700K) CE Certified, Brass	\$460.01
HI-MS1LEDEAB	MS WALL LIGHT, 1 LED (2.04W/2.4VA), ANTIQUE BRONZE	614.43
Note: Includes fixture, 1 LED board (1), and 0.9 m lead wire		

Specialty Lights



Code	Description	List Price
HI-FCLED20WFLERGNP	FC IN-GRADE LIGHT, 4.0W/4.3VA, RING, NICKEL PLATE	\$986.31

Pendant Light



Code	Description	List Price
HI-VE1LEDEAB	VE DOWN LIGHT, 1 LED (2.0W/2.4VA), ANTIQUE BRONZE	\$866.21
HI-VE1LEDEFB	VE DOWN LIGHT, 1 LED (2.0W/2.4VA), BLACK	591.36

Down Light



JB: The original LED Down Light

Code	Description	List Price
HI-JB3LEDESSFB	3 LED (4.0W/4.4VA), 3" Straight Shroud, Bracket Mount, Black	\$686.13
Note: Includes fixture, 3 LED board (1), 0.9 m lead wire, beam angle lenses (2), and bracket mount (1)		

EXA Collection - High Output LED



Code	Description	List Price
HI-XA70H1WFLEFB	High Output Up-Light 18.0W 23.0VA Black	\$1,052.28
HI-XW70H1WEFB	High Output Wall Wash 18.0W 23.0VA Black	1,191.18
HI-XN70H1WFLRGFB	High Output In-Grade 18.0W 23.0VA Black	1,357.44



LUXOR Transformer

LUXOR: Lighting control with zoning, dimming, and RGBW color creation capabilities

Code	Description	List Price
HI-LUX300EUSS	Transformer 260 Watt, 230V CE Certified, Stainless Steel	\$5,198.67
HI-LSAT300EUSS	Satellite Controller 260 Watt 230V CE Certified, Stainless Steel	3,556.12

Note: Includes specified wattage capacity and Stainless Steel finish

LUXOR Controller Accessories

LUXOR: Lighting control with zoning, dimming, and RGBW colour creation capabilities

Code	Description	List Price
HI-WIFIMOD2	Controller Mount - Luxor Wi-Fi Module	\$778.08
HI-WIFIMOD2RMT	Remote Mount - Luxor Wi-Fi Module	862.96
HI-LAM	Luxor Lighting Assignment Module	432.91
HI-LINKMODE	Luxor Wireless Linking Module, International	534.76
HI-SURGEMOD	Lighting Fixture surge Module	115.34

Luxor Cube

Code	Description	List Price
HI-LCMLV	Cube Module 12 V AC	\$438.56
HI-LCMHV	Cube Module 120-230 VA	438.56
HI-LCMRLY010V	Cube Module Relay and 0-10 V	438.56

Up Lights

NP: Versatile LED Up Light, and is engineered to accommodate all aspects of your up-lighting needs

Code	Description	List Price
HI-NPZDCEFB	9.0W/11VA, RGB-W, 45° Angled Long Shroud, Black	\$1,262.07

Note: Includes fixture, ZDC LED board (1), 0.9 m lead wire, beam angle lenses (2), and spike

LC: High-performance wall wash light

Code	Description	List Price
HI-LCZDCEFB	9.0W/11.0VA, 100° Wide Beam Spread, Black	\$1,398.16

Note: Includes fixture, ZDC LED board (1), 0.9 m lead wire, and spike (1)

Path & Area Lights

CA: The classic path light that complements any garden

Code	Description	List Price
HI-CALEDTAFB	Top Assembly, 7.3" Hat Diameter, Black	\$378.63
HI-GZDC18RAFB	Riser Assembly, 6.0W/7.2VA, RGB-W, 18" Riser Height, Black	1,322.71

Note: Includes fixture, ZDC LED board (1), 3 m lead wire, spike (1)

PM: Modern mini-bollard

Code	Description	List Price
HI-PMZDCEFB	9.1W/11.0VA, RGB-W, 14" Height, Black	\$1,561.16

Note: Includes fixture, ZDC LED board (1), 0.9 m lead wire, and spike (1)

Strip Lights



Code	Description	List Price
HI-SRP20RGBW	6.1 (20') Strip Light	\$2,406.23
HI-SRPCHN	Aluminum channel mount	217.16
HI-SRPMNT	Hardscape Mount	54.99
HI-SRPCUT	Strip Light Cutter Tool	285.79
HI-SRPCONNECTRGBW	Jumper, Power Feed, End Connector RGBW	452.57
HI-SRPRGBWT	T Connector RGBW	86.51

Wall Lights



LF: LED under-the-cap hardscape wall light

Code	Description	List Price
HI-LFZDCEBS	3.6W/4.3VA, Wall Light, RGB-W, Brass	\$923.49

Note: Includes fixture, LED board (1), and 0.9 m lead wire

Up/Down Light



NL: Wall-mounted, geometric sconce light

Code	Description	List Price
HI-NLZDCUDECRFB	18.2W/22.0VA, Up & Down (Dbl Watt), Black	\$1,837.94

Note: Includes fixture, ZDC LED board (2), 0.9 m lead wire, and mounting bracket (1)

Down Light



JB: The original LED Down Light

Code	Description	List Price
HI-JBZDCESSFB	6.0W/7.2VA, RGB-W, 3" Straight Shroud, Bracket Mount, Black	\$1,284.46

Note: Includes fixture, ZDC LED board (1), 0.9 m lead wire, and bracket mount (1)

In-Grade & Well Lights



FC: Ideal fit for any in-grade, uplighting application

Code	Description	List Price
HI-FCZDCERGF	9.1W/11.0 VA, RGB-W, Ring Faceplate, Nickel Plate	\$1,431.74

Note: Includes fixture, specified faceplate (1), ZDC LED board (1), installation sleeve (1), 0.9 m lead wire

EXA Collection - High Output LED



Code	Description	List Price
HI-XA70ZDCWFEFB	High Output Up-Light 21.0W 25.0VA Black	\$1,542.70
HI-XW70ZDCEFB	High Output Wall Wash 21.0W 25.0VA Black	1,681.60
HI-XN70ZDCWFRGFB	High Output In-Grade 21.0W 25.0VA Black	1,847.86

Mounting Options

Code	Description	List Price
HI-EKITWALL	Strain Relief and Connector	\$33.32
HI-JB1GNWNM	Single Gang Junction Box	96.20
HI-753900	Slotted Spike, Included with Most Uplights	34.63
HI-250015840000	Slotted Spike – Large, Heavier Fixtures	42.59
HI-EKITSPIKE	CE installation kit for up lights and path lights. Includes spike, junction box, O-ring, strain relief, and connector for low-voltage fixtures. Required accessory for path light CE compliance	61.18
HI-250020020000	3 Prong Spike, Heavy Fixtures	59.46
HI-MM050FB	Small Mount ½", Included with Directional Downlight	63.60
HI-MJB050FB	Small Junction Box Mount ½"	130.57
HI-GMFB	Ground Mount with ½" thread. Includes a 2.0" (40 mm) PVC Schedule 40 conduit and can be used as a junction box for CE certification. Required for path lights. Black	291.57
HI-PMFB	Above Grade Mount Kit, Uplight and Pathlight	191.33
HI-GMSS	SS Gutter Mount Kit ½"	122.49
HI-PDMFB	Deck Mount, PM Mini Bollard	125.05
HI-MPLDMFB	Deck Mount, M-PL and M-PK Pathlight	68.06
HI-MPJDMFB	Deck Mount, M-PJ Pathlight	68.06
HI-MPZDMFB	Deck Mount, M-PZ	68.06
HI-CSKITMPL	Stabiliser Kit, M-PJ, M-PK, M-PL, M-PZ Pathlights	107.26

NEW G4 LED Lamps for Outdoor Lighting

Code	Description	List Price
HI-G4LED10X	G4LED 1.0VA Outdoor Lighting Lamp	\$70.89
HI-G4LED20X	G4LED 1.3VA Outdoor Lighting Lamp	70.89
HI-G4LED35X	G4LED 1.7VA Outdoor Lighting Lamp	70.89

NEW MR16 LED ECO Lamps for Outdoor Lighting

Code	Description	List Price
HI-MR16ECO20WXX	MR16LED ECO 6.0VA Outdoor Lighting Lamp	\$57.85
HI-MR16ECO50WXX	MR16LED ECO 8.5VA Outdoor Lighting Lamp	57.85

MR16 LED Lamps for Outdoor Lighting

Code	Description	List Price
HI-MR16LED20XXX	MR16LED 4.0W 4.3VA Outdoor Lighting Lamp	\$116.87
HI-MR16LED35WFL	MR16LED 5.0W 5.4VA Outdoor Lighting Lamp	127.29
HI-MR16LED50WFL	MR16LED 6.0W 6.5VA Outdoor Lighting Lamp	177.01
HI-MR16ZD35WFL	MR16LED-ZD 5.0W 5.3VA Zone and Dim Outdoor Lighting Lamp	287.04
HI-MR16ZD50WFL	MR16LED-ZD 6.0W 6.5VA Zone and Dim Outdoor Lighting Lamp	325.46

Note: ZD lamps are for use with Luxor Controllers to create individually controlled fixtures, groups and dimming on a two wire path with any brand of fixture that utilise MR16 Lamps

2nd Generation Integrated LED Replacement Kits

Code	Description	List Price
HI-KIT1LEDRDW	Round 1LED Replacement Kit with Zoning Capability	\$219.89
HI-KIT3LEDRDW	Round 3LED Replacement Kit with Zoning Capability	303.31
HI-KIT6LEDRDW	Round 6LED Replacement Kit with Zoning Capability	426.04
HI-KIT9LEDRDW	Round 9LED Replacement Kit with Zoning Capability	525.33
Note: Zoning capable fixtures can be used with Luxor Controllers to create individually activated fixtures and groups on a two wire path.		
HI-KITZD1LEDRDW	Round 1LED Replacement Kit with Zoning and Dimming Capability	305.99
HI-KITZD3LEDRDW	Round 3LED Replacement Kit with Zoning and Dimming Capability	389.41
HI-KITZD6LEDRDW	Round 6LED Replacement Kit with Zoning and Dimming Capability	512.13
HI-KITZD9LEDRDW	Round 9LED Replacement Kit with Zoning and Dimming Capability	611.43
HI-ZDCKITM	Round 32mm Dia. Replacement Kit with Zoning, Dimming and Colour Capability	797.09
HI-ZDCKITL	Round 50mm Dia. Replacement Kit with Zoning, Dimming and Colour Capability	797.09
HI-ZDCKITR	Linear (Rectangular) Replacement Kit with Zoning, Dimming and Colour Capability	508.49

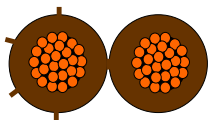
Note: ZD and ZDC fixtures are for use with Luxor Controllers to create individually controlled fixtures, groups, dimming and themes on a two wire path.



FX Outdoor Lighting Cable

2 Core Figure 8 Direct Burial

Code	Description	Qty/Box	List Price
HC-OLC0225020	FX Outdoor Lighting Cable 2 Core 2.5mm ² 20M	1	\$83.01
HC-OLC0225050	FX Outdoor Lighting Cable 2 Core 2.5mm ² 50M	1	207.64
HC-OLC0225100	FX Outdoor Lighting Cable 2 Core 2.5mm ² 100M	1	426.69
HC-OLC0240050	FX Outdoor Lighting Cable 2 Core 4mm ² 50M	1	302.25
HC-OLC0240100	FX Outdoor Lighting Cable 2 Core 4mm ² 100M	1	621.50
HC-OLC0260100	FX Outdoor Lighting Cable 2 Core 6mm ² 100M	1	929.92
HC-OLC02100100	FX Outdoor Lighting Cable 2 Core 10mm ² 100M	1	1,431.27



Cable Size Table

FX Outdoor Lighting Cable sizing per run can be calculated on the FX Luminaire website:

<https://www.fxl.com/voltage-drop-calculator>

FX Luminaire Lamps								
Small			Medium			Large		
Model	Watts	VA	Model	Watts	VA	Model	Watts	VA
			MR16	5.0	5.4			
			MR16	6.0	6.5			
MR16	4.0	4.3	ZD-MR16	5.0	5.3	6 LED	10.1	9.3
1 LED	2.0	2.2	ZD-MR16	6.0	6.5	9 LED	11.2	12.2
3 LED	4.2	4.5	ZDC Medium	9.1	7.2	ZDC Large	11.0	11.0

HC - OLC 02xxxxx FX Cable Size - Maximum Number of FX Luminaire Lamps

Cable Run Length	2.5mm ²	4.0mm ²	6.0mm ²	2.5mm ²	4.0mm ²	6.0mm ²	2.5mm ²	4.0mm ²	6.0mm ²
m									
30	15			9			6		
40	11			7	15		4	10	
50	9	21		5	12			8	13
60	7	16		4	10	16		6	11
80	5	12	20		7	12		5	8
100	4	10	16		6	10		4	6

FX Luminaire Transformer - Maximum Number FX Luminaire Lamps

EX Transformer	28	18	11
Luxor Controller	56	38	25

Outdoor Lighting Cable Connectors

Weather Proof & Underground Ideal Cable Connectors

Code	Description	Qty/Box	List Price
HC-WC62J	Weatherproof IDEAL Cable Connector Model 62	100	\$2.17
HC-WC63J	Weatherproof IDEAL Cable Connector Model 63	50	2.59
HC-WC60B	Underground IDEAL Cable Connector Model 60	100	3.47
HC-WC64B	Underground IDEAL Cable Connector Model 64	50	4.41
HC-WC62C	Weatherproof IDEAL Cable Connector Model 62 Card of 20	1	52.68
HC-WC63C	Weatherproof IDEAL Cable Connector Model 63 Card of 15	1	48.16
HC-WC60C	Underground IDEAL Cable Connector Model 60 Crd of 25	1	105.35





IDEAL Cable Connector Tools

Code	Description	Qty/Box	List Price
HC-WCSTTOOL	Spin-Twist IDEAL Connector Tool	1	\$36.12
HC-WCECSTOOL	Ergonomic IDEAL Premium Cable Stripper 0.5mm ² - 4.0mm ²	1	31.50

Direct Bury Cable Connector

Code	Description	Qty/Box	List Price
HC-WCDBRY6	DBR/Y-6 3M Direct Bury Cable Connector	100	\$6.92

Heat Shrink Cable Connectors

Code	Description	Qty/Box	List Price
HC-WCMH14BC	Medium Heat Shrink 3M Cable Connector - Blue	25	\$2.81
HC-WCMH10BC	Large Heat Shrink 3M Cable Connector - Yellow	25	3.93
HC-WCLSBLU	Small Heat Shrink LightingShrink Cable Connector - Blue	20	6.70
HC-WCLSYLW	Medium Heat Shrink LightingShrink Cable Connector - Yellow	20	11.06
HC-WCLSRED	Large Heat Shrink LightingShrink Cable Connector - Red	8	30.78

LightingShrink Cable Connector Tool

Code	Description	Qty/Box	List Price
HC-WCLSTOOL	LightingShrink Ratcheting Crimping Tool	1	\$224.40

Cable Connector Chart

Cable Combinations:

Model :	Size:	2.5mm ²			4.0mm ²			6.0mm ²			10mm ²		
	Qty:	2	3	4	2	3	4	2	3	4	2	3	4
WeatherProof													
HC-WC62 IDEAL Grey/Red													
HC-WC63 IDEAL Grey/Dark Blue													
UnderGround													
HC-WC60 IDEAL Grey/Grey													
HC-WC64 IDEAL Grey/Dark Blue													
Direct Bury													
HC-WCDBRY6 3M Red/Yellow													
Heat Shrink													
HC-WCMH14BC													
HC-WCMH10BC													
Lighting Shrink													
HC-WCLSBLU													
HC-WCLSYLW													
HC-WCLSRED													
	Size:	2.5mm ²			4.0mm ²			6.0mm ²			10mm ²		
	Qty:	2	3	4	2	3	4	2	3	4	2	3	4



B Series: Gear Driven Rotors

G-80B/G-84B/G-85B/G-35B Rotors with 1 1/4" Acme threaded inlet

Code	Description	Qty/Box	List Price
HI-G80Bxxx	Full-circle opposing nozzles, block check valve	6	\$508.73
HI-G84Bxxx	Full-circle, block check valve	6	609.33
HI-G85Bxxx	Full/part-circle, block check valve	6	609.33
HI-G35B6S	Full/part-circle, block check valve	12	383.88

Note: Insert the "xx" nozzle selection when ordering G-80B/G-84B/G-85B Rotors. G-35B Rotors include a #6 factory-installed nozzle and also include a nozzle rack with nozzles #2 through #12 and a self-adjusting variable stator. G-70B and G-75B Rotors include a #25 factory-installed nozzle and also include a nozzle pack with nozzles #15 through #28 and a self-adjusting variable stator. Acme inlet threads are standard on all models that start with "G" and swing joints with Acme outlet fittings must be used. Acme adapter fittings can be found on page 150.

Note: The replacement for G-70-B-25S and G-75-B-25S models is G-80-B-25S and G-85-B-25S Rotors.



TTS 800 Series: Total-Top-Service Gear Driven Rotors

TTS-800 Riserless Body Assembly. Check-O-Matic & Valve-In-Head with riserless body assembly 1 1/2" Acme threaded inlet

Code	Description	Qty/Box	List Price
HI-GT800C	Riserless body assembly, Check-O-Matic	4	\$578.54
HI-GT800EP5	Riserless body assembly, electric valve-in-head, 50 PSI (3.5 bar; 350 kPa)	4	748.56
HI-GT800EP6	Riserless body assembly, electric valve-in-head, 65 PSI (4.5 bar; 450 kPa)	4	748.56
HI-GT800EP8	Riserless body assembly, electric valve-in-head, 80 PSI (5.5 bar; 550 kPa)	4	748.56
HI-GT800DP5	Riserless body assembly, electric valve-in-head, integrated Pilot-100 two-way module, 50 PSI (3.5 bar; 350 kPa)	4	1,395.63
HI-GT800DP6	Riserless body assembly, electric valve-in-head, integrated Pilot-100 two-way module, 65 PSI (4.5 bar; 450 kPa)	4	1,395.63
HI-GT800DP8	Riserless body assembly, electric valve-in-head, integrated Pilot-100 two-way module, 80 PSI (5.5 bar; 550 kPa)	4	1,395.63
HI-GT800DDP5	Riserless body assembly, electric valve-in-head, integrated Pilot-200 two-way module, 50 PSI (3.5 bar; 350 kPa)	4	1,554.65
HI-GT800DDP6	Riserless body assembly, electric valve-in-head, integrated Pilot-200 two-way module, 65 PSI (4.5 bar; 450 kPa)	4	1,554.65
HI-GT800DDP8	Riserless body assembly, electric valve-in-head, integrated Pilot-200 two-way module, 80 PSI (5.5 bar; 550 kPa)	4	1,554.65

Note: TTS-800 riserless body assemblies require the selection of an internal riser assembly to make a complete rotor. For example, a specification for a GT885E25P8 would require the purchase of a GT800EP8 + G885INT25. All DIH TTS rotors include two each of the DBRY-6 connectors for splice connection to the two-wire path. Acme inlet threads are standard on all models that start with "G" and swing joints with Acme outlet fittings must be used. Or, Acme adapter fittings can be found on page 150.

TTS-800 & G-800 Series Internal Riser Assemblies

Code	Description	Qty/Box	List Price
HI-G880INTxx	Full-circle opposing nozzles internal assembly, #xx nozzle	4	\$441.45
HI-G884INTxx	Full-circle internal assembly, #xx nozzle	4	540.16
HI-G885INTxx	Full/Part-circle internal assembly, #xx nozzle	4	540.16
HI-G835INTxx	Full/part-circle internal assembly, #xx nozzle	4	463.40

Note: Insert the "xx" nozzle selection when ordering the above G-880/G-884/G-885/G-835 rotors. Electric models also require the "x" pressure selection. G-880/G-884/G-885/G-835 electric rotors have adjustable regulation, P5 setting is recommended for nozzles #10 through #18 nozzles. P6 setting is recommended for nozzles #18 through #25. P8 setting is recommended for nozzles #25 through #53. For the G-835 electric rotors P5 setting is recommended for nozzles #2 through #12 nozzles. P6 setting is recommended for nozzles #10 through #12.



G-800 Series: Gear Driven Rotors



G-800 Riserless Body Assembly. Check-O-Matic & Valve-In-Head with riserless body assembly 1 1/2" Acme threaded inlet

Code	Description	Qty/Box	List Price
HI-G800C	Riserless body assembly, Check-O-Matic	4	\$512.73
HI-G800EP5	Riserless body assembly, electric valve-in-head, 50 PSI (3.5 bar; 350 kPa)	4	636.11
HI-G800EP6	Riserless body assembly, electric valve-in-head, 65 PSI (4.5 bar; 450 kPa)	4	636.11
HI-G800EP8	Riserless body assembly, electric valve-in-head, 80 PSI (5.5 bar; 550 kPa)	4	636.11
HI-G800DP5	Riserless body assembly, electric valve-in-head, integrated Pilot-100 two-way module, 50 PSI (3.5 bar; 350 kPa)	4	1,266.75
HI-G800DP6	Riserless body assembly, electric valve-in-head, integrated Pilot-100 two-way module, 65 PSI (4.5 bar; 450 kPa)	4	1,266.75
HI-G800DP8	Riserless body assembly, electric valve-in-head, integrated Pilot-100 two-way module, 80 PSI (5.5 bar; 550 kPa)	4	1,266.75
HI-G800DDP5	Riserless body assembly, electric valve-in-head, integrated Pilot-200 two-way module, 50 PSI (3.5 bar; 350 kPa)	4	1,414.82
HI-G800DDP6	Riserless body assembly, electric valve-in-head, integrated Pilot-200 two-way module, 65 PSI (4.5 bar; 450 kPa)	4	1,414.82
HI-G800DDP8	Riserless body assembly, electric valve-in-head, integrated Pilot-200 two-way module, 80 PSI (5.5 bar; 550 kPa)	4	1,414.82

Note: G-800 riserless body assemblies require the selection of an internal riser assembly to make a complete rotor. For example, a specification for a G885E25P8 would require the purchase of a G800EP8 + G885INT25. All DIH rotors include two each of the DBRY-6 connectors for splice connection to the two-wire path. Acme inlet threads are standard on all models that start with "G" and swing joints with Acme outlet fittings must be used. Or, Acme adapter fittings can be found on page 150.

TTS-800 & G-800 Series Internal Riser Assemblies



Code	Description	Qty/Box	List Price
HI-G880INTxx	Full-circle opposing nozzles internal assembly, #xx nozzle	4	\$441.45
HI-G884INTxx	Full-circle internal assembly, #xx nozzle	4	540.16
HI-G885INTxx	Full/part-circle internal assembly, #xx nozzle	4	540.16
HI-G835INTxx	Full/part-circle internal assembly, #xx nozzle	4	463.40

Note: Insert the "xx" nozzle selection when ordering the above G-880/G-884/G-885/G-835 rotors. Electric models also require the "x" pressure selection. G-880/G-884/G-885/G-835 electric rotors have adjustable regulation, P5 setting is recommended for nozzles #10 through #18 nozzles. P6 setting is recommended for nozzles #18 through #25. P8 setting is recommended for nozzles #25 through #53. For the G-835 electric rotors P5 setting is recommended for nozzles #2 through #12 nozzles. P6 setting is recommended for nozzles #10 through #12.



G-900 Series: Com & VIH Gear Driven Rotors

G900/G995 Check-O-Matic & Valve-In-Head with 1½" Acme threaded inlet

Code	Description	Qty/Box	List Price
HI-G990Cxxx	Full-Circle Opposing Nozzles, Check-O-Matic	4	\$1,014.49
HI-G995Cxxx	Adjustable arc part-circle, Check-O-Matic	4	1,115.96
HI-G990ExxPxx	Full-Circle Opposing Nozzles, Electric Valve-In-Head	4	1,181.75
HI-G995ExxPxx	Adjustable arc part-circle, electric valve-in-head	4	1,283.18

G-900 Series: Decoder-In-Head Gear Driven Rotors

G-990/G-995 Intergrated Two-Way Module with 1½" Acme threaded inlet

Code	Description	Qty/Box	List Price
HI-G990DxxPxx	Full-circle opposing nozzles, electric valve-in-head, integrated Pilot-100 two-way module	4	\$1,817.86
HI-G995DxxPxx	Adjustable arc part-circle, electric valve-in-head, integrated Pilot-100 two-way module	4	1,924.79
HI-G990DDxxPxx	Full-circle opposing nozzles, electric valve-in-head, integrated Pilot-200 two-way module	4	1,974.17
HI-G995DDxxPxx	Adjustable arc part-circle, electric valve-in-head, integrated Pilot-200 two-way module	4	2,078.36

Note: Insert the "xx" nozzle selection when ordering G-990/G-995 rotors. Electric models also require the "x" pressure selection. G-990/G-995 electric rotors have adjustable regulation with P8 (80 PSI; 5.5 bar; 550 kPa), P1 (100 PSI; 7.0 bar; 700 kPa), and P2 (120 PSI; 8.0 bar; 800 kPa) settings. P8 setting is recommended for nozzles #25 through #53. P1 setting is recommended for nozzles #53 through #73. P2 setting is recommended for nozzle #73. Acme inlet threads are standard on all models that start with "G" and swing joints with Acme outlet fittings must be used. Or, Acme adapter fittings can be found on page 150. All DIH Rotors include two each of the DBRY-6 connectors for in-ground splice connections to the two-wire path.

Rotor Accessories



Code	Description	Qty/Box	List Price
HI-G90HS100	Hose adapter* for G90 and G900 Series rotors	1	\$337.14
HI-G800HS100	Hose adapter* for G800 Series rotors	1	337.14
HI-987200SP	TTS-800 low-bounce rubber cover kit	1	360.57
HI-987201SP	TTS-800 Series Low-Bounce Rubber Cover Kit Green	1	360.57
HI-987100SP	TTS-800 no-bounce turf cup kit	1	448.53
HI-473900SP	G995 rubber kit cover (also G990 date codes 07/11 & after)	1	407.48

Note: *Hose adapters include a combination 3/4"/1" hose swivel.

Golf Rotor Tools



Code	Description	Qty	List Price
HI-382800SP	Arc adjustment/riser hold-up: G-85B and G-885	1	\$13.21
HI-803700SP	Nozzle removal/installation: G-85B and G-885 short/mid-range nozzles	1	93.81
HI-251000SP	Snap ring removal tool	1	69.65
HI-280500SP	Valve insertion/removal tool: G-90 and G-900 series	1	542.35
HI-604000SP	Valve insertion/removal tool: TTS and G-800 series	1	454.38
HI-475600SP	Valve insertion/removal pliers: TTS and G-800 series	1	135.57
HI-319100SP	T-handle tool: VIH selector, nozzle insertion, lift-up, and arc adjustment	1	7.46
HI-172000SP	Hunter wrench with hex for nozzle insertion and removal	1	1.31
HI-991200SP	Riser pressure gauge kit for G-80 (2019), G-84, and G-85 risers	1	219.86
HI-280100SP	Rotor pitot gauge and tube assembly	1	173.13
HI-460302SP	Hand pump for extracting water from rotor body	1	129.66
HI-475700SP	TTS and G-800 series tool kit: includes tool box and all items above except 280500SP	1	1,495.10

Pilot™ Network



Pilot-CC Command Center Software

Code	Description	Qty/Box	List Price
HI-PILOTCC	Central control software and documentation. Includes computer.	1	\$85,698.26
HI-PILOTMONITOR	Second monitor for Pilot-CCS dual monitor setup	1	2,589.38
HI-PILOTCOMPUTER	Computer with only PilotFCP Utility program installed	1	12,391.71



Pilot-FI Command Center Field Interface

Code	Description	Qty/Box	List Price
HI-PILOTFIHWR	Field interface for wired central control systems.	1	\$13,304.75
HI-PILOTFIUHFA	Field interface for UHF radio central control systems. Includes radio module. License specifying frequency required at time of order.	1	13,927.98

Pilot-FC Hardwire Field Controllers With Plastic Pedestal Enclosure



Communication Options

Code	Description
HI-PILOTFCxxS	Standalone field controller with no central communications xx-station plastic pedestal standalone field controller. Dual (120/230 VAC) voltage. Expandable to 80 stations with PILOT-FC-010 10-station output modules.
HI-PILOTFCxxHWR	Wired communications xx-station plastic pedestal hardwire field controller. Dual (120/230 VAC) voltage. Includes hardwire communication module. Expandable to 80 stations with PILOT-FC-010 10-station output modules.
HI-PILOTFCxxUHFA	UHF radio (license required) xx-station plastic pedestal UHF radio field controller. Dual (120/230 VAC) voltage. Includes UHF radio communication module. Expandable to 80 stations with PILOT-FC-010 10-station output modules. A license specifying frequency is required at time of order.

Pricing Table

Communication Options

Code		S	HWR	UHFA
HI-PILOTFC20xxx	(20-station)	\$16,768.65	\$18,362.90	\$23,739.88
HI-PILOTFC30xxx	(30-station)	\$19,000.60	\$20,594.85	\$25,971.82
HI-PILOTFC40xxx	(40-station)	\$21,232.55	\$22,826.79	\$28,203.79
HI-PILOTFC50xxx	(50-station)	\$23,754.35	\$25,348.60	\$30,725.60
HI-PILOTFC60xxx	(60-station)	\$25,986.32	\$27,580.59	\$32,957.55
HI-PILOTFC70xxx	(70-station)	\$28,218.27	\$29,812.54	\$35,189.52
HI-PILOTFC80xxx	(80-station)	\$30,450.24	\$32,044.49	\$37,421.46



Pilot-DH Integrated Hub With Plastic Pedestal Enclosure

Communication Options

Code	Description
HI-PILOTDHxxxS	Standalone field controller with no central communications xxx-station standalone two-way hub, dual (120/230 VAC) voltage, expandable to 999 stations with PILOT-DH-250 output modules
HI-PILOTDHxxxHWR	Wired communications xxx-station hardwire two-way hub, dual (120/230 VAC) voltage, expandable to 999 stations with PILOT-DH-250 output modules
HI-PILOTDHxxxUHFA	UHF radio (license required) xxx-station UHF radio two-way hub, dual (120/230 VAC) voltage, expandable to 999 stations with PILOT-DH-250 output modules, licence specifying frequency required at time of order.

Pricing Table

Communication Options

Code		S	HWR	UHFA
HI-PILOTDH250xxx	(250-station)	\$18,986.10	\$20,580.35	\$25,957.33
HI-PILOTDH500xxx	(500-station)	\$22,783.31	\$24,377.58	\$29,754.58
HI-PILOTDH750xxx	(750-station)	\$26,580.55	\$28,174.80	\$33,551.78
HI-PILOTDH999xxx	(999-station)	\$30,377.76	\$31,972.00	\$37,349.00

Pilot Two-Way Modules



Code	Description	Qty/Box	List Price
HI-PILOT100	1-station two-way module for use with PILOT-DH two-way hub.	1	\$425.69
HI-PILOT200	2-station two-way module for use with PILOT-DH two-way hub.	1	895.69
HI-PILOT400	4-station two-way module for use with PILOT-DH two-way hub.	1	1,385.57
HI-PILOT600	6-station two-way module for use with PILOT-DH two-way hub.	1	1,431.94
HI-PILOTSG	Inline surge arrester. (Required in DIH rotor installations.)	1	431.90
HI-DECSTAKE10	Universal Decoder Stake Kit - 10-Pack		167.30

Pilot Network Add-On Modules and Accessories

Code	Description	Qty/Box	List Price
HI-PILOTFC010	10-station output module for PILOT-FC field controller. Includes Safety Toggle™ switches.	1	\$2,231.95
HI-PILOTDH250	250-station expansion module and power supply.	1	3,797.23
HI-PILOTHWR	Hardwire communication module used to connect a standalone PILOT-FC field controller to a wired PILOT central control system	1	1,594.25
HI-PILOTMODUHFA	UHF radio communication module used to connect a standalone PILOT-FC field controller to a UHF radiobased PILOT central control system. Includes radio. License specifying frequency is required at time of order.	1	6,971.22
HI-PILOTMODLF	915 MHz radio communication module used to connect a standalone PILOT-FC field controller to a 915 MHz radio-based PILOT central control system. Radio is included. Check local radio regulations before ordering.	1	9,319.12
HI-PILOTFPFC	Replacement facepack for PILOT-FC field controller.	1	4,594.36
HI-PILOTFPDH	Replacement facepack for PILOT-DH two-way hub.	1	4,985.67

Pilot two-way module Accessories

Code	Description	Qty/Box	List Price
HI-ICDHP	Handheld decoder programmer and tester for Pilot, DUAL, and ICD two-way modules.	1	\$4,075.55

Pilot Field Controller Accessories

Code	Description	Qty/Box	List Price
HI-TRNR	Two-way handheld UHF radio for remote control. Includes charger and antenna. License specifying frequency required at time of order.	1	\$9,594.50

POGO Visual Insight Integrations

Upgrade your system to the Pilot Control Network, now featuring new POGO Visual Insight integrations, enhancing control, and playability. By merging POGO's hardware and data analysis with the Pilot Control Network, you will save time and optimise resources. Utilise real-time soil data for efficient irrigation adjustments, gain insights into turf performance, and swiftly identify issues through color-coded graphics. Additionally, simplify daily audits with instant calculations of DU and Soil EC per zone, offering an accurate portrayal of turf conditions without traditional lengthy analysis.

Code	Description	Qty/Box	List Price
HI-POGOWEATHER	POGO Weather Station with cellular communication. Active TurfPro Cloud subscription required. Go to pogoturfpro.com/cloud to setup subscription	1	Call
HI-POGOLOGGER	POGO Data Logger with cellular communication for use with other sensors. Active TurfPro Cloud subscription required. Go to pogoturfpro.com/cloud to setup subscription.	1	Call



Pilot Radio Accessories

Code	Description	Qty/Box	List Price
HI-RA5M	Omni-directional mast antenna for UHF radio systems. 5 dB gain. Includes mounting hardware. Does not include cable.	1	\$4,115.50
HI-RG850NFNF	RG8 cable for use with UHF mast antenna (RA5M). 50 ft. (15 m). Includes connectors for central interface.	1	1,303.52
HI-PILOTANT1	Standard omni-directional mast antenna for licence-free operation of Pilot 915 MHz radio systems; antenna will be positioned near the PILOTFI	1	4,100.61
HI-RA3F	Yagi directional antenna for UHF radio systems. 6 dB gain. Includes mounting hardware. Does not include cable.	1	1,708.84
HI-RA6F	Yagi directional antenna for UHF radio systems. 10 dB gain. Includes mounting hardware. Does not include cable.	1	1,932.49
HI-RG850NFUM	RG8 cable for UHF radio for use with Yagi antennas (RA6F and RA3F). 50 ft (15 m). Includes connectors.	1	1,723.75
HI-RASREM	Omni-directional stealth antenna for UHF radio systems. Includes L-mount bracket and 15 ft. (4.5 m) cable. Used to enhance radio reception for Pilot UHF systems.	1	1,753.50

Pilot Communication Control Cable

Code	Description	List Price
HI-GCBL	#18-4 (4 x 0.82 mm ²) shielded communication cable. 4,000 ft. (1,200 m) reels.	Call
HI-GCBLA	#18-4 (4 x 0.82 mm ²) shielded & armored communication cable. 4,000 ft. (1,200 m) reels.	Call

For Decoder System Cable & Connectors See Page 115-119.



Weather Stations

Code	Description	Qty/Box	List Price
HI-TWSUN	TurfWeather solar power kit for weather station.	1	2,289.93

3TN & 3NV NOZZLE CHART

14

15

16

17

18

19

3TN

Colour-Coded System

Odd numbers have colour box around number.



3NV

Colour-Coded System

Odd numbers have scalloped edge.

EVEN NOZZLE ODD NOZZLE

#	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19
Colour	Lt Blue	Beige	Beige	Gold	Gold	Lime	Lime	Lavender	Lavender	Grey	Grey
Stripe	Beige		Gold		Lime		Lavender		Grey		Turquoise
BAR	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0.4	1.28	1.59	1.89	2.30	2.68	3.10	3.59	4.08	4.61	5.14	5.79
0.7	1.66	2.04	2.46	2.99	3.48	4.01	4.65	5.29	5.98	6.62	7.45
1.0	2.00	2.50	2.99	3.63	4.27	4.88	5.71	6.47	7.30	8.09	9.12
1.4	2.34	2.87	3.48	4.20	4.92	5.63	6.58	7.49	8.44	9.38	10.56
1.7	2.61	3.22	3.86	4.69	5.52	6.32	7.38	8.36	9.46	10.48	11.81
2.1	2.87	3.52	4.23	5.14	6.01	6.92	8.09	9.15	10.37	11.46	12.90
2.8	3.29	4.05	4.88	5.94	6.96	7.98	9.34	10.59	11.96	13.24	14.91
3.4	3.67	4.54	5.48	6.66	7.79	8.93	10.44	11.84	13.32	14.79	16.69

#	#20	#21	#22	#23	#24	#25	#26	#27	#28	#29	#30
Colour	Turquoise	Turquoise	Yellow	Yellow	Red	Red	White	White	Blue	Blue	Dk Brown
Stripe		Yellow		Red		White		Blue		Dk Brown	
BAR	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0.4	6.43	6.96	7.72	8.40	9.23	9.99	10.86	11.61	12.68	13.55	14.49
0.7	8.28	9.00	9.99	10.82	11.96	12.90	14.00	15.00	16.35	17.48	18.69
1.0	10.18	11.01	12.22	13.24	14.61	15.78	17.14	18.39	20.02	21.42	22.93
1.4	11.73	12.71	14.11	15.32	16.88	18.24	19.79	21.23	23.12	24.71	26.45
1.7	13.13	14.23	15.78	17.10	18.88	20.36	22.14	23.73	25.85	27.63	29.59
2.1	14.38	15.59	17.25	18.77	20.70	22.33	24.26	26.00	28.31	30.28	32.39
2.8	16.61	18.01	19.94	21.65	23.88	25.77	28.00	30.65	32.70	34.97	37.43
3.4	18.54	20.13	22.29	24.22	26.72	28.80	31.33	33.57	36.56	39.13	41.86

#	#31	#32	#33	#34	#35	#36	#37	#38	#39	#40	#41
Colour	Dk Brown	Orange	Orange	Dk Green	Dk Green	Purple	Purple	Black	Black	Dk Turquoise	Dk Turquoise
Stripe	Orange		Dk Green		Purple		Black		Dk Turquoise		Mustard
BAR	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0.4	15.36	16.50	17.60	18.69	19.68	20.07	22.10	23.39	24.68	25.92	27.48
0.7	19.83	21.50	22.71	24.11	25.43	26.72	28.54	30.16	31.87	33.49	35.47
1.0	24.26	26.07	29.71	29.56	31.15	32.74	34.97	36.98	39.02	41.02	43.45
1.4	28.00	30.12	32.13	34.10	35.95	37.77	40.38	42.69	45.08	47.35	50.19
1.7	31.34	33.68	35.91	38.15	40.19	42.24	45.11	47.72	50.38	52.95	56.09
2.1	34.32	36.90	39.32	41.78	44.05	46.29	49.43	52.27	55.19	58.02	61.43
2.8	36.62	42.62	45.42	48.25	50.87	53.44	57.07	60.37	63.74	66.99	70.97
3.4	44.32	47.65	50.79	53.93	56.85	59.76	63.81	67.48	71.20	74.90	79.33

#	#42	#43	#44	#45	#46	#47	#48	#49	#50
Colour	Mustard	Mustard	Maroon	Maroon	Cream	Cream	Dark Blue	Dark Blue	Copper
Stripe		Maroon		Cream		Dark Blue		Copper	
BAR	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0.4	28.76	30.13	31.52	33.04	34.51	36.26	37.69	39.02	40.76
0.7	37.13	38.91	40.68	42.66	44.54	46.78	48.67	50.38	52.64
1.0	45.45	47.65	49.84	52.23	54.54	57.30	59.61	61.70	64.45
1.4	52.49	55.03	57.53	60.30	62.98	66.20	68.84	71.23	74.45
1.7	58.70	61.51	64.34	67.41	70.43	74.00	79.94	79.67	83.23
2.1	64.30	67.37	70.47	73.85	77.13	81.07	84.32	87.24	91.18
2.8	74.22	77.82	81.37	85.28	89.09	93.60	97.35	100.76	105.29
3.4	83.00	86.98	90.99	95.34	99.58	104.66	108.85	112.64	117.71

CONVERSION CHART

FLOW RATE

METRIC DATA			U.S DATA		
l/h (lph)	Lpm	m ³ /HR	g/h (gph)	g/m (gpm)	ft ³ /s
1	0.0167	0.001	0.264	0.00444	0.000098
60	1	0.06	15.9	0.264	0.00059
1000	16.7	1	264	4.4	0.0098
3.79	0.063	0.0038	1	0.0167	0.000037
227	3.79	0.227	60	1	0.0022
101941	1699	102	26930	449	1

PRESSURE

METRIC DATA			U.S DATA		
KPa	metres	bar	psi	ft	Inches (hg)
1	0.102	0.01	0.145	0.336	0.296
9.81	1	0.098	1.42	3.3	2.9
100	10.2	1	14.5	33.6	29.6
6.9	0.703	0.069	1	2.32	2.04
2.97	0.303	0.0297	0.43	1	0.88
3.38	0.344	0.0338	0.49	1.14	1

DISTANCE

METRIC DATA			U.S DATA		
m	cm	mm	ft	inches	yd
1	100	1000	3.281	39.4	1.094
0.01	1	10	0.0328	0.394	0.0109
0.001	0.1	1	0.00328	0.0394	0.00109
0.305	30.5	305	1	12	0.33
0.0253	2.54	25.4	0.083	1	0.028
0.914	91.4	914	3	36	1

NOZZLE CONVERSION CHART

Nozzle # Inches mm	#9 9/128 1.8	#10 5/64 2.0	#11 11/128 2.2	#12 3/32 2.4	#13 13/128 2.6	#14 7/64 2.8	#15 15/128 3.0	#16 1/8 3.2	#17 17/128 3.4	#18 9/64 3.6	#19 19/128 3.8	#20 5/32 4.0
Nozzle # Inches mm	#21 21/128 4.2	#22 11/64 4.4	#23 23/128 4.6	#24 3/16 4.8	#25 25/128 5.0	#26 13/64 5.2	#27 27/128 5.4	#28 7/32 5.6	#29 29/128 5.8	#30 15/64 6.0	#31 31/128 6.2	#32 1/4 6.4
Nozzle # Inches mm	#33 33/128 6.5	#34 17/64 6.7	#35 35/128 6.9	#36 9/32 7.1	#37 37/128 7.3	#38 19/64 7.5	#40 5/16 7.9	#42 21/64 8.3	#44 11/32 8.7	#46 23/64 9.1	#48 3/8 9.5	#50 25/64 9.9

AUSTRALIA (LIST PRICE EXC.GST)

Destination	Up To 1kg	>1kg Up To 3kg	>3kg Up To 5kg	Estimated Transit Days	Up To 10kg	>10kg Up To 20kg	>20kg Up To 30kg	Over 30kg (per pallet)	Estimated Transit Days
Queensland									
Brisbane Metro	14.00	18.00	24.00	Next Day or 2 Days	15.00	15.00	18.00	POA	Same Day
South Queensland					35.00	35.00	35.00	POA	Next Day
Nth & Central QLD					48.00	48.00	48.00	POA	Two Days
New South Wales									
Sydney Metro	14.00	18.00	24.00	Next Day or 2 Days	30.00	34.00	56.00	POA	Next Day
North Coast					30.00	48.00	60.00	POA	Next Day
Country NSW					30.00	48.00	60.00	POA	Two Days
Victoria									
Melbourne Metro	14.00	18.00	24.00	Next Day or 2 Days	30.00	34.00	56.00	POA	Two Days
Melbourne Outer					30.00	43.00	68.00	POA	Two Days
Country Victoria					30.00	43.00	68.00	POA	Three Days
South Australia									
Adelaide Metro	14.00	18.00	24.00	Next Day or 2 Days	30.00	34.00	56.00	POA	Three Days
Adelaide Outer					30.00	46.00	79.00	POA	Three Days
Country SA					30.00	46.00	79.00	POA	Four Days
Western Australia									
Perth Metro	14.00	18.00	24.00	Next Day or 2 Days	15.00	15.00	18.00	POA	Same Day
Perth Outer					35.00	35.00	35.00	POA	Next Day
Country WA					48.00	43.00	53.00	POA	Two Days
Tasmania									
Hobart Metro	14.00	18.00	24.00	Next Day or 2 Days	30.00	46.00	79.00	POA	Four Days
Launceston Metro					30.00	46.00	79.00	POA	Four Days
Country Tasmania					30.00	46.00	79.00	POA	Five Days
Northern Territory									
Darwin	14.00	18.00	24.00	Next Day or 2 Days	34.00	53.00	79.00	POA	Four Days
Country NT					48.00	53.00	79.00	POA	Five Days
Kununarra (WA)					34.00	53.00	79.00	POA	Five Days

NEW ZEALAND (LIST PRICE EXC.GST)

DESTINATION	Up To 5KG	>5KG Up To 10KG	>10KG Up To 20KG	ESTIMATED TRANSIT DAYS	>20KG Up To 50KG	>50KG Up To 100KG	>100KG Up To 150KG	>ABOVE 150KG	ESTIMATED TRANSIT DAYS
NORTH ISLAND									
Auckland	136.00	136.00	180.00	Next Day	POA	POA	POA	POA	Weekend Freight
Wellington	136.00	136.00	180.00	Next Day					
Country North Island	136.00	136.00	180.00	Next Day					
SOUTH ISLAND									
Christchurch	136.00	136.00	180.00	Next Day	POA	POA	POA	POA	Weekend Freight
Country South Island	136.00	136.00	180.00	Next Day					

Note: Freight rates quoted are NET (ie there is no discount applicable) before settlement discount. Settlement discount is applicable to freight charges. Rates quoted are exclusive of GST (and duty – New Zealand). Freight rates are per consignment or per pallet where noted.

In these terms and conditions "the Company" means Nelson Irrigation Corporation of Australia Pty Ltd ABN 61 064 013 001 (including its successors and assigns) and "Customer" means the buyer whose order for the purchase of Goods is accepted by the Company. "Goods" means all products and services agreed to be supplied by the Company to the Customer under any contract, arrangement order or understanding between the Company and the Customer, whether by way of sale or hire. Each time the Customer places an order with the Company the Customer accepts these Terms and Conditions as governing the supply of the goods or services ordered. Amendments to or deviations from these Terms and Conditions must be agreed in writing by the Company.

1. ACCEPTANCE OF ORDERS AND CONTRACTS All orders and contracts accepted or entered into by a representative of the Company are subject to, and shall not be binding on the Company until, acceptance and approval by the Company. The Company reserves the right to accept or reject any order in whole or in part for any reason, including without limitation the unavailability of any goods.
2. DELIVERY AND RISK
 - 2.1 The Company's policy is to make every effort to ensure prompt delivery of Goods ordered. The Company makes no warranty as to time of delivery or availability of Goods. In the event of any delay, the Company will affect delivery as soon as practicable.
 - 2.2 The Customer acknowledges that the Company shall be under no liability for either direct or consequential loss or damage to the Customer arising from delay or postponement in delivery.
 - 2.3 Unless otherwise agreed in writing all risk in and to the Goods purchased shall pass to the Customer upon delivery to the Customer or its agent or to a carrier commissioned by the Customer and any claims for damages or loss onwards cannot be accepted by the Company.
 - 2.4 No claims for damage in transit, shortage of delivery, or loss of goods will be entertained unless, in the case of damage in transit or shortage of delivery, a separate notice in writing is given to the Company and to the carrier concerned (if any) within seven days of the receipt of goods and, in the case of loss of goods, notice in writing is given to the Company and the carrier concerned (if any) within seven days of the date of the invoice.
 - 2.5 If the Company short supplies any Goods, it will rectify this by supplying the missing items.
3. GOODS RETURNED FOR CREDIT Goods, as listed in our published Price List may be credited if returned to the Company within 30 days of delivery, free into our store in original packing, in an unsoiled, undamaged and reusable condition. Returns are to be accompanied by a Delivery Docket stating original invoice number, date of purchase and reason for return. A 20% restocking fee will be charged on all Goods returned for credit. No Goods will be accepted for credit after 30 days unless prior arrangement has been made. Goods not listed in our published Price List or which are made to special order are not returnable for Credit.
4. WARRANTIES, LIABILITY AND DISCLAIMER
 - 4.1 The Company warrants that its products will be free from original defects in material and workmanship for a period of one year from the original sale when used within the working specifications for which the product was designed and under normal use and service. Goods sold shall have the benefit of any warranty given by the Manufacturer. The Manufacturer and the Company assume no responsibility for defect, damage or loss caused by or during installation or removal, or the unauthorised repair, of the Goods.
 - 4.2 The Company's liability for breach of the terms of this contract, breach of warranty, or breach of a Condition or Warranty implied by the Competition and Consumer Act 2010 (Cth) or otherwise implied into these terms by law shall hereby be limited to one or more of the following remedies, the choice of which is solely at the discretion of the Company: the replacement of the Goods OR the supply of equivalent goods OR repair of the Goods OR payment of the cost of repairing the Goods OR the cost of replacing the goods or of acquiring equivalent Goods.
 - 4.3 The Company shall under no circumstance be liable in any way whatsoever to the Customer or any other party for any crop losses or other consequential or indirect losses or damage of any kind arising directly or indirectly out of the supply, performance or use of the Goods or out of any breach of contract, negligence or other tort.
 - 4.4 To the extent permitted by law, the warranties and remedies contained in this clause 4 exclude and replace all other warranties and remedies, express or implied, whether arising from the Sale Of Goods Act (Qld) 1896, the Competition And Consumer Act 2010 or otherwise, including warranties of merchantability, fitness for particular purposes and all other obligations or liabilities of the Company Or Manufacturer.
 - 4.5 No agent, employee or representative of the Company has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein.
 - 4.6 The Purchaser represents to the Company that if a water supply is involved, unless otherwise specified, the water is clean and free of impurities AND that Goods are required for the Customer's Specifications detailed to the Company and for no other purpose, and agrees to indemnify the Company against all loss and expense suffered and incurred by the Company arising out of the falsity or breach of the said Representations.
5. ADVICE
 - 5.1 Any advice, recommendation, information, assistance or service by the Company in relation to the supply of Goods or use thereof is given in good faith and is believed to be appropriate and reliable. The Customer warrants and agrees that it will not rely on any such advice, recommendation, information, assistance or service, but enters into this agreement and acquires the Goods in reliance on its own judgment and with full opportunity to gain independent advice as to the nature and quality of the Goods and their suitability for the Customer's needs and specifications.
 - 5.2 Any liability arising out of or in respect of such advice, recommendation, information or service provided by the Company is hereby excluded.
6. FORCE MAJEURE The Company shall not be liable for failure or delay to supply the goods due to a cause beyond its control including but not limited to acts of God, strikes, lock outs or other industrial disturbances, fire, flood, explosion, riot, government interference and the like.
7. RETENTION OF TITLE
 - 7.1 As long as the Customer owes the Company any part of the price of Goods supplied at any time, the Company shall retain the legal title to all Goods supplied and not yet used or resold in the ordinary course of business.
 - 7.2 When such Goods are used, even with the loss of identity, the legal title to the resultant product ("Resultant Products") shall vest in the Company.
 - 7.3 Where the Company retains title, any Proceeds of sale of such Goods or Resultant Products must be received and kept by the Customer as trustee for the Company, be banked into a separate account, and be accounted for to the Company on demand.
 - 7.4 While such Goods or Resultant Products are in the possession of the Customer, the Customer must retain them in a good and merchantable condition and ensure that they are stored separately and marked as the property of the Company until paid for in full or collected by the Company, and must allow the Company and/or its servants or agents onto the premises where they are stored for the purpose of ensuring compliance with these terms or collecting the Goods.
8. PAYMENT AND DEFAULT
 - 8.1 Payment in full for Goods supplied shall be made by the Customer to the Company within 28 days from end of the month in which the Goods are despatched, or as specified by the Company. Settlement discount where applicable will be disallowed if payment is not made in full by the due date.
 - 8.2 In the event that payment to the Company becomes overdue, the Company may suspend the supply of Goods until the account is brought up to date, elect take immediate possession of Goods not paid for and /or choose to terminate the contract, without prejudice to any other rights the Company may have and without the Company being liable in any way to any person.
 - 8.3 Without in any way limiting the Company's right to require payment in full on the due date, the Company may at its sole discretion charge interest on overdue accounts at a rate that is 2% above the Company's prevailing bank overdraft rate, accruing from day to day, from the due date of the relevant invoice up to and including the day the relevant invoice was paid in full.
 - 8.4 The Customer shall pay all costs and expenses (including legal costs on an indemnity basis) incurred by the Company and/or its agents in relation to the recovery of any overdue account. The Customer further acknowledges that those expenses may be calculated on a commission basis at a percentage rate of up to 22% of the amount owing and expressly agrees to pay those expenses. Amounts received by the Company may be applied first against the costs of debt recovery and interest charges, and then to the overdue account.
9. SECURITY INTERESTS AND PERSONAL PROPERTY SECURITIES ACT 2009 (PPSA)
 - 9.1 Terms that are defined in the PPSA have the same meaning in this agreement as in the PPSA.
 - 9.2 The Company's Security Interests under this agreement are continuing interests irrespective of whether there are monies or obligations owing by the Customer at any particular time, and may be registered by the Company under the PPSA.
 - 9.3 The Customer acknowledges that, where any part of the purchase price for Goods remains outstanding, or where amounts are outstanding under a contract for the hire of Goods (where the hire is a PPS lease or constitutes a Security Interest), the Company shall have registrable Security Interests in:
 - a. Goods to which the Company retains title, including hired Goods;
 - b. Resultant Products to which the Company acquires title;
 - c. The proceeds of any Goods to which a Security Interest attaches under this agreement.
 - 9.4 Where permitted by the PPSA, the Customer:
 - a. waives any rights to receive the notifications, verifications, disclosures or other documentation referred to in the PPSA;
 - b. contracts out of sections 95, 96, 121(4), 125, 129, 130 (to the extent possible), 132(3)(d) and (4), 135, 142 and 143 of the PPSA, and nothing in those sections will apply to the sale of Goods
 - c. under these Terms;
 - 9.5 Where the Company has rights in addition to those contained in the PPSA, those rights continue to apply.
 - 9.6 The Customer must immediately upon the Company's request, do all things and execute all documents necessary to give effect to and preserve the priority of the security interests created under these Terms or arising under the PPSA.
 - 9.7 The Company may allocate amounts received from the Customer in any manner the Company determines, including in any manner required to preserve any Security Interest.
10. PRIVACY AUTHORITY Where Services are supplied to the Customer on credit the Customer irrevocably authorises the Company, its employees and agents to make such enquiries as it deems necessary to investigate the credit worthiness of the Customer from time to time including (but without limiting the generality of the foregoing) the making of enquiries of persons nominated as trade referees, the bankers of the Customer or any other credit providers (the information sources) and the Customer hereby authorises the information sources to disclose to the Company such information concerning the Customer which is within their possession and which is requested by the Company.
11. SEVERABILITY If any provision of part thereof is invalid, illegal or incapable of enforcement, then it shall be severed from the remainder of this Agreement, which shall remain in full force and effect unless the basic purpose of this Agreement would thereby be defeated.
12. GOVERNING LAW Agreements between the parties shall be deemed to be made in Queensland and shall be governed by the law of Queensland.



PEOPLE WITH A PASSION PRODUCTS WITH A PURPOSE



**NELSON IRRIGATION CORPORATION
OF AUSTRALIA PTY LTD**
ABN 61 064 013 001

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