



**LIST PRICE GUIDE**  
**ALL PRICES IN U.S. DOLLARS**  
**Effective: January 2, 2023**

**See Tab "Terms-Conditions" for our current General Terms and Conditions of Sale**

Items noted with a "★" are subject to a non-standard distributor discount.

Items noted with a "◆" are subject to a \$88 per inlet and/or outlet upcharge if fitted with British Instantaneous (BIM or BIF), Japanese Instantaneous (JIM or JIF) or Storz connections

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Style	Description	US\$ List Price
4	<b>3/4" Drain-It Drain Valve</b>	292.00
7	<b>3/4" Drain Valve</b>	262.00
10	<b>Universal Spanner Wrench</b> Sold in quantity of eight (8)	448.00
14	<b>Folding Pocket Spanner</b> Sold in quantity of eight (8)	560.00
15	<b>Hydrant and Spanner Wrench</b> Sold in quantity of four (4) Replacement Insert (P/N 104718)	488.00 45.80
17	<b>Adjustable Hydrant Wrench</b> Sold in quantity of four (4)	384.00
19	<b>Universal Suction Spanner Wrench</b> Sold in quantity of eight (8)	1,504.00
35	<b>Line Gauge</b> 2 1/2" (65 mm) 3" (75 mm)	640.00 1,170.00
40	<b>Horizontal Tool Bracket 1 1/2" - 2 1/2"</b> Sold in quantity of four (4)	368.00
42	<b>Vertical Tool Bracket 1 1/2" and 2 1/2"</b> Sold in quantity of four (4)	368.00
44	<b>Pressure - Vacuum Panel Adapter</b>	144.00
46	<b>Fitzall Combination Spanner</b> Sold in quantity of eight (8)	496.00
53	<b>Intake Pressure Relief Valve</b>	852.00
57	<b>Quarter Turn Drain Valve</b>	200.00
59	<b>Intake Pressure Relief Valve</b>	1,000.00
78	<b>Hose and Ladder Strap</b> Sold in quantity of eight (8)	976.00
102	<b>5" Top-Mount Remote Control</b>	422.40
285	<b>Gate Valve</b> 2 1/2" (65 mm)	<b>Cast</b> 1,252.00
350	<b>Mounting Plate</b> 3/4" - 1 1/2" NH (19 - 38 mm) 2 1/2" NH (65 mm) 3 1/2" NH (89 mm) 4 1/2" NH (114 mm) 6" NH (153 mm)	<b>Chrome</b> 88.00 96.00 252.00 290.00 324.00

Style	Description	US\$ List Price		
<b>373</b>	<b>E-Z Lok Nozzle Holder</b>			
	1 1/2" (38 mm)			202.00
	2 1/2" (65 mm)			210.00
<b>416</b>	<b>Threaded Tip</b>			<b>Pyrolite®</b>
	1 1/2" F x 1 1/2" M (38 x 38 mm)			410.00
<b>439</b>	<b>Dual Stacked Tips</b>			
	1 1/2" F with 15/16" and 1/2" Discharges (38 mm F with 24 and 13 mm Discharge)			296.00
	1 1/2" F with 1 1/8" and 1/2" Discharges (38 mm F with 29 and 13 mm Discharge)			296.00
	1 1/2" F with 1 1/16" and 15/16" Discharges (38 mm F with 27 and 24 mm Discharge)			296.00
<b>441</b>	<b>3-Wrench Holder</b>			
	Sold in quantity of four (4)			696.00
<b>443</b>	<b>3-Wrench Holder</b>			
	with Wrenches (One (1) Style 15 and Two (2) Style 10)			
	Sold in quantity of four (4)			1,632.00
<b>446</b>	<b>2-Wrench Holder</b>			
	Sold in quantity of four (4)			600.00
<b>447</b>	<b>2-Wrench Holder</b>			
	with Wrenches (Two (2) Style 46)			
	Sold in quantity of four (4)			1,096.00
<b>448</b>	<b>2-Wrench Holder</b>			
	with Wrenches (Two (2) Style 10)			
	Sold in quantity of four (4)			1,048.00
<b>485</b>	<b>Brass Mini Stream Shaper</b>			<b>Cast</b>
	2 1/2" (65 mm)			738.00
<b>487</b>	<b>GP Deluge Tip</b>			252.00
<b>489</b>	<b>Plain Deluge Tip</b>	<b>Aluminum</b>	<b>Cast</b>	<b>Chrome</b>
	2 1/2" F (65 mm)	574.00	640.00	740.00
	3" F (75 mm)	690.00	740.00	--
<b>535</b>	<b>2 1/2" Cellar Nozzle</b>			1,062.00
<b>536</b>	<b>1 1/2" Cellar Nozzle</b>			804.00
<b>583</b>	<b>Hose Hoist</b>			594.00
<b>599</b>	<b>Valve Manifold</b>			Price on Application
<b>624</b>	<b>ProVenger™ Quick-Attack™ Foam Tube</b>			256.00
<b>627</b>	<b>4-Way Hydrant Valve</b>			7,712.00

Style	Description	US\$ List Price
630	<b>30° Angle Elbow</b> 2 1/2" F x 2 1/2" M (65 x 65 mm)	<b>Chrome</b> 610.00
631	<b>60° Angle Elbow</b>	526.00
635	<b>Continuous Swiveling Elbow - Cast</b> 1 1/2" F NPT x 1 1/2" M NH or NPSH (4 5/8" Long) (38 x 38 mm)	394.00
	2" F NPT x 1 1/2" M NH or NPSH (4 5/8" Long) (51 x 38 mm)	394.00
	2 1/2" F NPT x 2 1/2" M NH or NPSH (5" Long) (65 x 65 mm)	930.00
637	<b>4-Way Hydrant Valve Bracket</b>	806.00
638	<b>ProVenger™ Quick-Attack™ Foam Tube</b>	334.00
650	<b>Swiveling Elbow</b> 4" (102 mm)	1,702.00
	5" (127 mm)	1,874.00
	6" (153 mm)	2,046.00
730	<b>AeroMaster12 Monitor Foam Tube</b>	5,622.00
737	<b>Akromatic 1250 Foam Tube</b>	1,130.00
738	<b>Akromatic 2000 Foam Tube</b>	1,360.00
753	<b>High Pressure Trigger Shutoff</b>	1,432.00
770	<b>Quick-Attack™ Foam Tube</b>	1,050.00
790	<b>Quick-Attack™ Foam Tube</b>	332.00
792	<b>Quick-Attack Foam Tube</b>	462.00
793	<b>Quick-Attack Foam Tube</b>	462.00
794	<b>Quick-Attack Foam Tube</b>	676.00
796	<b>Quick-Attack Foam Tube</b>	458.00
866	<b>Mid-X Medium Expansion Foam Tube</b>	1,152.00
1030	<b>1" Forestry Nozzle</b>	210.00
1034	<b>1 1/2" Coast Guard Fog Head</b>	236.00
1048	<b>2 1/2" Coast Guard Fog Head</b>	262.00
1088	<b>Piercing Applicator</b> 1 1/2" F x 3 Feet (38 mm x .91 m)	1,404.00
	1 1/2" F x 6 Feet (38 mm x 1.83 m)	1,496.00

Style	Description	US\$ List Price	
<b>1125</b>	<b>Shutoff</b> 1 1/2" F x 1 1/2" M (38 x 38 mm)	<b>Cast</b>	1,052.00
<b>1262</b>	<b>Clapper Valve Siamese</b> 2 1/2" M x (2) 2 1/2" F (65 x 65 mm) 3" M x (2) 2 1/2" F (75 x 65 mm) 3" M x (2) 3" F (75 x 75 mm)		1,968.00 2,152.00 2,500.00
<b>1267</b>	<b>Clapper Valve Siamese</b> 2 1/2" F x (2) 2 1/2" F (65 x 65 mm) 3" F x (2) 2 1/2" F (75 x 65 mm) 4" M or F x (2) 2 1/2" F (102 x 65 mm) 4" Storz x (2) 2 1/2" F (102 x 65 mm) 4 1/2" M or F x (2) 2 1/2" F (114 x 65 mm) 5" M or F x (2) 2 1/2" F (127 x 65 mm) 5" Storz x (2) 2 1/2" F (127 x 65 mm) 6" M or F x (2) 2 1/2" F (153 x 65 mm)		2,518.00 2,706.00 2,644.00 2,644.00 2,848.00 3,010.00 3,010.00 3,296.00
<b>1417</b>	<b>Plain Tip</b>		178.00
<b>1420</b>	<b>Triple Stacked Tips</b>		520.00
<b>1422</b>	<b>Rigid Direct Connect Base</b>		524.00
<b>1441</b>	<b>Shutoff and Dual Stacked Tips</b> <b>Available with or without Pistol Grip</b> 15/16" and 1/2" Tips (24 and 13 mm)	◇	858.00
<b>1443</b>	<b>Shutoff with Dual Stacked Tips</b> <b>Available with or without Pistol Grip</b> 1 1/8" and 1/2" Tips (29 and 13 mm)	◇	994.00
<b>1445</b>	<b>Shutoff with Straight Tip</b> <b>Available with or without Pistol Grip</b>	◇	754.00
<b>1446</b>	<b>Shutoff with Plain Tip</b> <b>Available with or without Pistol Grip</b>	◇	890.00
<b>1477</b>	<b>Push/Pull Remote Control</b> with Style 1490 Recessed T-Handle Ball Joint Assembly for Style 1477 (P/N 1477-0001)		210.00 36.00
<b>1482</b>	<b>Hydrant Wye</b> 2 1/2" F x (2) 2 1/2" M (65 x 65 mm) 3" F x (2) 2 1/2" M (75 x 65 mm) 3 1/2" F x (2) 2 1/2" M (89 x 65 mm) 4" F x (2) 2 1/2" M (102 x 65 mm) 4 1/2" F x (2) 2 1/2" M (114 x 65 mm) 5" F x (2) 2 1/2" M (127 x 65 mm) 6" F x (2) 2 1/2" M (153 x 65 mm)	<b>Cast</b>	<b>Chrome</b> 3,304.00 4,254.00 4,254.00 3,660.00 3,976.00 4,292.00 4,520.00 3,750.00 4,806.00 -- 4,378.00 4,492.00 4,864.00 5,120.00
<b>1489</b>	<b>Plain T-Handle</b>		116.00
<b>1490</b>	<b>T-Handle with Recess</b>		62.00
<b>1494</b>	<b>Electric Ladder Pipe</b>		19,748.00

Style	Description	US\$ List Price
<b>1495</b>	<b>Ladder Pipe</b> with Pipe, 3 Tips and 2 Tip Mounting Brackets	15,592.00
	less Pipe and Tips	12,566.00
	Mounting Fixture	730.00
<b>1496</b>	<b>Classic Ladder Pipe (750 gpm max)</b> less Pipe and Tips	11,110.00
<b>1499</b>	<b>Plain Tip</b>	192.00
<b>1520</b>	<b>1 1/2" SaberJet Nozzle with Pistol Grip</b> 1/2" or 5/8" Tip Option (13 or 16 mm)	◇ 1,660.00
	Tip Replacement Kit	326.00
<b>1523</b>	<b>Mid-Range SaberJet Nozzle with Pistol Grip</b> 3/4", 7/8", 15/16" or 1" Tip Option (19, 22, 24 or 25 mm)	◇ 1,678.00
	Tip Replacement Kit	326.00
<b>1528</b>	<b>2 1/2" SaberJet Nozzle with Pistol Grip</b> 1 1/8" Tip Option (29 mm)	◇ 1,770.00
	Tip Replacement Kit	326.00
<b>1573</b>	<b>Water Thief</b>	◇ 2,698.00
<b>1578</b>	<b>SaberMaster 1250 Electric Nozzle</b> Some older monitors will require a PC board	4,590.00
<b>1581</b>	<b>Leader Line Wye</b> Retrofit Kit - To upgrade 1 1/2" (38 mm) Gated Wye Handles with older style Tork-Lok® mechanism to stainless steel (P/N 1581-0061)	1,280.00 535.50
<b>1582</b>	<b>Hydrant Wye</b> 2 1/2" F x (2) 2 1/2" M (65 x 65 mm) 3" F x (2) 2 1/2" M (75 x 65 mm) 3 1/2" F x (2) 2 1/2" M (89 x 65 mm) 4" F x (2) 2 1/2" M (102 x 65 mm) 4" Storz x (2) 2 1/2" M (102 x 65 mm) 4 1/2" F x (2) 2 1/2" M (114 x 65 mm) 5" F x (2) 2 1/2" M (127 x 65 mm) 5" Storz x (2) 2 1/2" M (127 x 65 mm) 6" F x (2) 2 1/2" M (153 x 65 mm) Retrofit Kit - To upgrade 2 1/2" (65 mm) Gated Wye Handles with older style Tork-Lok mechanism to stainless steel (P/N 1582-0053)	2,386.00 2,548.00 2,722.00 2,794.00 2,794.00 2,864.00 3,084.00 3,084.00 3,220.00 666.40
<b>1583</b>	<b>Suction Siamese</b> (2) 2 1/2" F x 2 1/2" M or F (65 x 65 mm) (2) 2 1/2" F x 3" M or F (65 x 75 mm) (2) 2 1/2" F x 4" M or F (65 x 102 mm) (2) 2 1/2" F x 4" Storz (65 x 102 mm) (2) 2 1/2" F x 4 1/2" M or F (65 x 114 mm) (2) 2 1/2" F x 5" M or F (65 x 127 mm) (2) 2 1/2" F x 5" Storz (65 x 127 mm) (2) 2 1/2" F x 6" M or F (65 x 153 mm) Retrofit Kit - To upgrade 2 1/2" (65 mm) Suction Siamese Handles with older style Tork-Lok mechanism to stainless steel (P/N 1582-0053)	2,410.00 2,620.00 2,864.00 2,864.00 2,940.00 3,174.00 3,174.00 3,312.00 666.40

Style	Description	US\$ List Price
1602	1" ProVenger™ Selectable Gallonage Nozzle with Removable Pistol Grip	◇ 700.00
1616	1 1/2" ProVenger™ Selectable Gallonage Nozzle with Removable Pistol Grip	◇ 942.00
1702	1" Turbojet Nozzle Available with or without Pistol Grip	◇ 1,160.00
1703	High Pressure Turbojet Tip	776.00
1704	1" Turbojet Nozzle Available with or without Pistol Grip	◇ 1,244.00
1711	High Pressure Turbojet Tip	840.00
1714	1 1/2" Turbojet Tip	842.00
1720	1 1/2" Turbojet Nozzle Available with or without Pistol Grip	◇ 1,198.00
	ZT Conversion Kit	◇ 532.00
1720ZT	1 1/2" Turbojet Zero Torque™ Nozzle	1,538.00
1723	Mid-Range Turbojet Nozzle Available with or without Pistol Grip	◇ 1,372.00
	ZT Conversion Kit	◇ 532.00
1723ZT	Mid-Range Turbojet Zero Torque™ Nozzle	◇ 1,712.00
1733	2 1/2" High-Range Turbojet® Nozzle Available with or without Pistol Grip	◇ 1,470.00
	ZT Conversion Kit	◇ 532.00
1733ZT	2 1/2" High-Range Turbojet Zero Torque Nozzle	1,810.00
1737	Mid-Range Turbojet Tip	948.00
1744	1 1/2" High-Range Turbojet Tip with 1 1/2" Inlet	1,002.00
1745	TurboMaster™ Master Stream	2,218.00
1755	TurboMaster™ Master Stream	1,932.00
1763	Wide-Range Turbojet Nozzle Available with or without Pistol Grip	◇ 1,282.00
	ZT Conversion Kit	◇ 532.00
1763ZT	Wide-Range Turbojet Zero Torque Nozzle	1,622.00
1766	Wide-Range Turbojet Tip	910.00

Style	Description	US\$ List Price	
1820	<b>UltraJet Nozzle with 1.5" (38mm) or 2.5" (65mm) inlet and Removable Pistol Grip</b> 3/4", 7/8", 15/16" or 1" Tip Option (19, 22, 24 or 25 mm) Tip Replacement Kit ZT Conversion Kit	◇	1,642.00 326.00 532.00
1828	<b>2 1/2" Hydrant Valve</b> Retrofit Kit - To upgrade 2 1/2" (65 mm) Hydrant Valve Handles with older style Tork-Lok mechanism to stainless steel (P/N 1582-0053)	◇	1,332.00 666.40
2015	<b>Coast Guard Applicator</b>		1,052.00
2032	<b>1 1/2" CG-15 Nozzle</b>		1,112.00
2033	<b>1 1/2" Fog Tip with Chain</b>		252.00
2046	<b>2 1/2" CG-25 Nozzle</b>		1,312.00
2047	<b>2 1/2" Fog Tip with Chain</b>		286.00
2055	<b>Fog Applicator</b> 4' Long (1.22 m) 6' Long (1.83 m) 10' Long (3 m)		1,000.00 1,034.00 1,176.00
2069	<b>4AN Nozzle</b>		1,322.00
2073	<b>1 1/2" Fog Tip with Chain</b>		290.00
2074	<b>4AN Nozzle</b>		1,820.00
2077	<b>2 1/2" Fog Tip with Chain</b>		426.00
2102	<b>1" Shutoff with Pistol Grip</b>	◇	610.00
2120	<b>In-Line Eductor</b>	◇	<b>Cast</b> 2,458.00 <b>Chrome</b> 2,944.00
2126	<b>2 1/2" x 1 1/2" Shutoff</b> <b>Available with or without Pistol Grip</b> ZT Conversion Kit	◇ ◇	698.00 532.00
2126ZT	<b>2 1/2" X 1 1/2" Zero Torque Shutoff</b>		1,038.00
2127	<b>1 1/2" x 1 1/2" Shutoff</b> <b>Available with or without Pistol Grip</b> ZT Conversion Kit	◇ ◇	562.00 532.00
2127ZT	<b>1 1/2" x 1 1/2" Zero Torque Shutoff</b>	◇	990.00
2130	<b>2 1/2" x 2 1/2" Shutoff</b> <b>with 2" (38mm) Waterway</b>	◇	1,132.00
2155	<b>Black Widow Hydraulic Master Stream Nozzle</b> 300 - 1250 GPM		2,066.00



Style	Description	US\$ List Price
2156	<b>Black Widow Hydraulic Master Stream Nozzle - Brass</b> 300 - 1250 GPM	2,260.00
2171	<b>Single Gallonage Master Stream Nozzle</b>	3,622.00
2188	<b>Renegade™ Fixed Flow Nozzle</b>	14,812.00
2189	<b>Renegade™ Adjustable Flow Nozzle</b>	14,600.00
2225	<b>2 1/2" Coast Guard Applicator</b> 6' long (1.8 m)	898.00
	10' long (3 m)	1,128.00
	12' long (3.7 m)	1,128.00
2285	<b>Gate Valve</b> 2 1/2" (65 mm)	◇ 1,060.00
2286	<b>Gate Valve</b> 3", 3 1/2" and 4" Threaded (75, 89 and 102 mm)	2,214.00
	4 1/2" and 5" Threaded (114 and 127 mm)	2,398.00
	Additional Charge per Storz on each side	88.00
2325	<b>95 GPM In-Line Eductor</b>	◇ 1,576.00
2328	<b>90 GPM In-Line Eductor with 1 1/2" Inlet and Shutoff Valve</b>	◇ 1,732.00
2390	<b>Axial Playpipe</b>	◇ 1,136.00
2393	<b>Axial Playpipe with Stacked Tips</b>	◇ 1,656.00
2415	<b>1 1/2" Coast Guard Applicator</b>	516.00
2420	<b>Triple Stacked Tips</b>	672.00
2431	<b>1 1/2" Saber Shutoff</b> <b>Available with or without Pistol Grip</b>	◇ 592.00
	ZT Conversion Kit	◇ 532.00
2433	<b>2 1/2" Saber Shutoff</b> <b>Available with or without Pistol Grip</b>	◇ 762.00
	ZT Conversion Kit	◇ 532.00
2441	<b>3-Wrench Holder</b> Sold in quantity of four (4)	528.00
2443	<b>3-Wrench Holder with Wrenches (One (1) Style 15, Two (2) Style 10)</b> Sold in quantity of four (4)	1,464.00
2446	<b>2-Wrench Holder</b> Sold in quantity of four (4)	512.00
2448	<b>2-Wrench Holder with Wrenches (Two (2) Style 10)</b> Sold in quantity of four (4)	960.00

Style	Description	US\$ List Price
2491	3.5" Deluge Tip with Stream Disrupter	3,672.00
2498	Triple Stacked Deluge Tips	870.00
2499	Quad Stacked Deluge Tips	798.00
2580	1 1/2" Wye	◇ 850.00
2581	Leader Line Wye	◇ 788.00
2681	Leader Line Wye	◇ 1,150.00
2775	Hydrant Mount	◇ 2,666.00
2901	90 GPM In-Line Eductor	1,772.00
3000	<b>AeroMaster 12™ 3000 gpm Electric Monitor</b> 12V or 24V Monitor with Onboard Electronics Includes Position Feedback, Stow Functionality, Wireless Receiver and Obstacle Avoidance	20,782.00
	<b>AeroMaster12 Options:</b>	
	Position Indicator	1,346.00
	Custom Color for Monitor (Black, Lime, Yellow, White)	348.00
	<b>Nozzle Options</b>	
	Style 3700 Akromatic 3000 GPM (12000 LPM) Electric Nozzle	7,414.00
	Style 3701 Selectable Fixed Orifice Electric Nozzle	7,548.00
	Style 730 AeroMaster12 Foam Tube	5,622.00
	<b>Control Options:</b>	
60470002	Wireless Remote Controller 2.4 GHz (batteries included)	2,308.00
60410008	4 Switch Control Box Including Stow	1,454.00
60410023	3 Switch Control Box (no Stow)	1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve	2,196.00
60412002	CAN Tether Controller with Panel Mount Connector	3,296.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
3015	1 1/2" Brass Fog Nozzle	◇ 926.00
3016	1 1/2" Brass Fog Nozzle	◇ 960.00
3019	1 1/2" Brass Fog Nozzle with Pistol Grip	◇ 942.00
3020	1 1/2" Shipboard Vari-Nozzle with Pistol Grip	◇ 1,010.00
3021	1 1/2" Brass Fog Nozzle with Pistol Grip	◇ 978.00
3022	1 1/2" Shipboard Vari-Nozzle	◇ 938.00
3023	1 1/2" Shipboard Vari-Nozzle with Pistol Grip	◇ 1,034.00
3025	2 1/2" Brass Fog Nozzle	◇ 1,820.00
3030	Jet Ratio Controller with Pickup Assembly	◇ 2,794.00
3060	60 GPM Pyrolite In-Line Eductor	◇ 1,640.00
3071	95 GPM Brass In-Line Eductor	2,764.00

Style	Description	US\$ List Price
3095	<b>95 GPM Pyrolite® In-Line Eductor</b>	◇ 1,546.00
	Eductor with On-Board Foam Access	◇ 2,504.00
3096	<b>95 GPM Truck Foam System</b>	
	95 GPM (360 LPM) Truck Kit - 1 Tank Includes: Eductor, Foam Panel, (1) 2" (51 mm) Valve with built in Check Valve, (1) Check Valve, (2) 1" (25 mm) Valves, (4) 1477 Remotes with Tags	7,382.00
	95 GPM (360 LPM) Eductor Only	2,808.00
	95 GPM (360 LPM) Metering Panel Only	1,044.00
3097	<b>95 GPM Portable By-Pass Eductor</b>	3,362.00
3120	<b>120 GPM Foam Nozzle without Pickup Tube</b>	◇ 1,902.00
3125	<b>125 GPM Pyrolite In-Line Eductor</b>	◇ 1,626.00
	Eductor with On-Board Foam Access	◇ 2,584.00
3126	<b>125 GPM Foam Truck System</b>	
	125 GPM (475 LPM) Truck Kit - 1 Tank Includes: Eductor, Foam Panel, (1) 2" (51 mm) Valve with built in Check Valve, (1) Check Valve, (2) 1" (25 mm) Valves, (4) 1477 Remotes with Tags	7,354.00
	125 GPM (475 LPM) Eductor Only	2,764.00
	125 GPM (475 LPM) Metering Panel Only	1,060.00
3128	<b>Off-Truck Foam Access Kit</b>	1,482.00
3250	<b>250 GPM Pyrolite In-Line Eductor</b>	2,470.00
3293	<b>FireFox™ Electric Nozzle</b>	
	12V or 24V Low Flow Nozzle, Adjustable 30, 60, 95, 125 GPM (115, 230, 360, 475 LPM) Fixed 60, 95, 125, 150, 175, 200 GPM (230, 360, 475, 550, 660, 750 LPM)	2,114.00
	12V or 24V Mid Flow Nozzle, Adjustable 125, 175, 250, 350 GPM (475, 660, 950, 1325 LPM) Fixed 250, 300, 375 GPM	2,114.00
	(950, 1140, 1420 LPM) 12V or 24V High Flow Nozzle, Fixed 350, 400, 450, 500 GPM (1325, 1525, 1700, 1900 LPM)	2,430.00
	<b>Nozzle Options:</b>	
	Flat Disperse Pattern	130.00

Style	Description	US\$ List Price
<b>3350</b>	<b>TuckAway™ Electric Monitor</b> 12V or 24V Monitor and Logic Box	16,466.00
	<b>TuckAway Options:</b>	
	Wireless Remote Controller with Receiver	3,696.00
60410008	4 Switch Control Box Including Stow	1,454.00
60412002	CAN Tether Controller with Panel Mount Connector	3,296.00
	12V Auxiliary Battery with 4' (1.2 m) Cable	1,312.00
	Style 5177 1250 GPM (4800 LPM) Electric Nozzle	2,668.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
<b>3351</b>	<b>TuckAway Bumper Turret with Auto Level</b> 12V or 24V Monitor & Logic Box	19,346.00
	<b>TuckAway Options:</b>	
	Wireless Remote Controller with Receiver	3,696.00
	Special Manual Override	2,032.00
60350009	CAN Proportional Joystick with Trigger for Valve	2,196.00
	Style 5177 Akromatic Nozzle	2,668.00
	Position Indicator	1,346.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
<b>3352</b>	<b>TuckAway Bumper Turret</b> 12V or 24V Monitor & Logic Box	21,294.00
<b>3353</b>	<b>TuckAway Roof Turret</b> 12V or 24V Monitor & Logic Box	20,754.00
<b>3354</b>	<b>TuckAway Roof Turret (Inverted Mount)</b> 12V or 24V Monitor & Logic Box	19,916.00
<b>3356</b>	<b>Trident HFRT-10 High Flow Electric Turret</b> <b>Standard Turret 3.5" NH Threaded Outlet:</b> 12V or 24V Monitor, Logic Box	26,708.00
	<b>Standard Turret Nozzle Options</b>	
	Style 1578 1250 GPM Electric SaberMaster Nozzle	4,590.00
	Style 5075 Akromatic 1250 Flat Disperse Electric Nozzle	3,344.00
	Style 5177 Akromatic 1250 Electric Nozzle	2,668.00
	Style 5178 2000 GPM (7600 LPM) Electric Nozzle	3,432.00
	Style 3624 Automatic Master Stream Foam Nozzle	17,238.00
	Style 3626 Foam Nozzle (1000 gpm / 3800 lpm)	6,306.00
	<b>Custom Options</b>	
	Custom Color for Turret (Red, Lime, Yellow, White)	348.00
	Rear Inlet Option (4" Flange, 4" or 5" Victaulic)	2,566.00
	Low Profile Rear Inlet Option (4" Flange only)	2,566.00
	Inside-the-Cab Manual Override	5,120.00
	Dry Chem Nozzle	4,448.00

Style	Description	US\$ List Price
<b>3356</b>	<b>Trident HFRT-10 High Flow Electric Turret</b> <i>(continued)</i>	
	<b>Controller Options</b>	
	Wireless Remote Controller with Receiver	3,696.00
60350009	CAN Standard Proportional Joystick	2,196.00
60350012	CAN ARFF Proportional Joystick	3,262.00
60410008	CAN Four Switch Toggle Operator Station (Standard)	1,454.00
60410034	CAN Four Switch Toggle Operator Station (Standard) + Oscillation	1,454.00
60410029	CAN Four Switch Toggle Operator Station (Standard) + Water On/Off	1,454.00
	CAN Direction Indicator Module	1,346.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
	<b>Dual Gallonage Turret w/Integrated Flanged Nozzle:</b>	
	<i>Available flow options:</i>	
	375/750 gpm (1500/3000 lpm)	
	500/1000 gpm (1900/3800 lpm)	
	600/1200 gpm (2250/4500 lpm)	
	660/1320 gpm (2500/5000 lpm)	
	750/1500 gpm (3000/6000 lpm)	
	1000/2000 gpm (3800/7600 lpm)	
	12V or 24V Monitor, Logic Box and integrated non-aspirated fog nozzle (specify flow)	42,992.00
	12V or 24V Monitor, Logic Box (w/connector kit) and Dual Gallonage Aspirated Foam Tube (up to 6000 lpm, specify flow)	42,992.00
	12V or 24V Monitor, Logic Box (w/connector kit) and Dual Gallonage Aspirated Foam Tube (3800/7600 lpm)	47,140.00
	<b>Custom Options</b>	
	Cowling (Black, includes lights with harness)	3,218.00
	Custom Color for Cowling (Red, Lime, Yellow, White)	696.00
	Custom Color for Turret (Red, Lime, Yellow, White)	348.00
	Rear Inlet Option (4" Flange, 4" or 5" Victaulic)	2,566.00
	Low Profile Rear Inlet Option (4" Flange only)	2,566.00
	Inside-the-Cab Manual Override	5,120.00
	Dry Chem Nozzle	4,448.00
	<b>Controller Options</b>	
	Wireless Remote Controller with Receiver	3,696.00
60350009	CAN Standard Proportional Joystick	2,196.00
60350012	CAN ARFF Proportional Joystick	3,262.00
60410008	CAN Four Switch Toggle Operator Station (Standard)	1,454.00
60410034	CAN Four Switch Toggle Operator Station (Standard) + Oscillation	1,454.00
60410029	CAN Four Switch Toggle Operator Station (Standard) + Water On/Off	1,454.00
60410028	CAN Four Switch Toggle Operator Station (Auxiliary Hi/Lo Flow)	1,988.00
	CAN Direction Indicator Module	1,346.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
<b>3406</b>	<b>Electric Riser for Flanged Monitors</b>	6,246.00
<b>3414</b>	<b>Apollo Single Inlet Portable Monitor</b>	
	Single Inlet Ground Base and Liftoff (Monitor) plus Pipe and Quad Stacked Tips	6,590.00
	Single Inlet Ground Base and Liftoff (Monitor) only	5,264.00
	Liftoff (Monitor) Only	2,322.00
	Ground Base Only	2,942.00
	Spike Cover Kit	184.50

Style	Description	US\$ List Price
<b>3416</b>	<b>Apollo Single Inlet Portable and Deck Monitor</b>	
	Single Inlet Ground Base, Liftoff (Monitor) and Truck Mount Flange plus Pipe and Quad Stacked Tips	7,104.00
	Single Inlet Ground Base, Liftoff (Monitor) and Truck Mount Flange only	5,778.00
	Truck Mount Flange (Direct Mount)	514.00
	Liftoff (Monitor) Only	2,322.00
	Ground Base Only	2,942.00
	Spike Cover Kit	184.50
<b>3419</b>	<b>Apollo PE Portable Electric Monitor</b>	
	with Single Inlet Ground Base, 3505 Storage Bracket, Handheld Wireless Control, Panel Mount CAN Control Truck Mount Flange, Truck Power Harness and 5177 Akromatic Nozzle	21,084.00
	Apollo PE Liftoff Only	10,414.00
	<b>Monitor Options:</b>	
	Dual Inlet Ground Base Only - 2 1/2" (65 mm) Inlets	◇ 2,524.00
	Dual Inlet Ground Base Only - 3" (75 mm) Inlets	◇ 2,680.00
	Single Inlet Ground Base Only	2,942.00
	Truck Mount Flange (Direct Mount)	588.00
	Spare Battery Charging Kit, include: Battery Pack, DC charging cable and mounting bracket	1,782.00
	Spare Battery Pack	1,604.00
	Truck Power Harness for Spare Battery Kit	54.00
	AC Charging Kit	244.00
	<b>Nozzle Options:</b>	
	Style 5177 1250 GPM (4800 LPM) Electric Nozzle	2,668.00
	Style 3485 Mini Stream Shaper	450.00
	Style 2499 Quad Stack Tips	798.00
	<b>Control Options:</b>	
	Handheld Wireless Control	2,308.00
60410034	4 Switch Control Box Including Oscillation	1,454.00
60412002	CAN Tether Controller with Panel Mount Connector	3,296.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide Above prices do not include cost of network cabling</i>	
<b>3421</b>	<b>Apollo Dual-Inlet Portable Monitor</b>	
	2 1/2" (65 mm) Inlet Ground Base and Liftoff (Monitor) only plus Pipe and Quad Stacked Tips	◇ 6,172.00
	2 1/2" (65 mm) Inlet Ground Base and Liftoff (Monitor) only	◇ 4,846.00
	3" (75 mm) Inlet Ground Base and Liftoff (Monitor) plus Pipe and Quad Stacked Tips	◇ 6,328.00
	3" (75 mm) Inlet Ground Base and Liftoff (Monitor) only	◇ 5,002.00
	Liftoff (Monitor) Only	2,322.00
	Ground Base Only - 2 1/2" (65 mm) Inlets	◇ 2,524.00
	Ground Base Only - 3" (75 mm) Inlets	◇ 2,680.00
	Spike Cover Kit	184.50

Style	Description	US\$ List Price
<b>3423</b>	<b>Apollo Dual-Inlet Portable and Deck Monitor</b>	
	2 1/2" (65 mm) Inlet Ground Base, Liftoff (Monitor) and Truck Mount Flange plus Pipe and Quad Stacked Tips	◇ 6,686.00
	2 1/2" (65 mm) Inlet Ground Base, Liftoff (Monitor) and Truck Mount Flange only	◇ 5,360.00
	3" (75 mm) Inlet Ground Base, Liftoff (Monitor) and Truck Mount Flange plus Pipe and Quad Stacked Tips	◇ 6,842.00
	3" (75 mm) Inlet Ground Base, Liftoff (Monitor) and Truck Mount Flange only	◇ 5,516.00
	Truck Mount Flange (Direct Mount)	514.00
	Liftoff (Monitor) Only	2,322.00
	Ground Base Only - 2 1/2" (65 mm) Inlets	◇ 2,524.00
	Ground Base Only - 3" (75 mm) Inlets	◇ 2,680.00
	Spike Cover Kit	184.50
<b>3426</b>	<b>3" Apollo Single Waterway Monitor</b>	
	with Pipe and Deluge Tip	3,342.00
	less Pipe and Deluge Tip	2,240.00
<b>3430</b>	<b>GP Manual Monitor</b>	2,196.00
	Style 487 GP Deluge Tip	252.00
	Style 489 Plain Deluge Tip	574.00
<b>3431</b>	<b>Apollo Hi-Riser™ Single Inlet Portable and Deck Monitor</b>	
	with Liftoff (Monitor), Truck Mount and Ground Base plus Pipe, Quad Stacked Tips and Style 5160 Nozzle	11,216.00
	with Liftoff (Monitor), Truck Mount Flange and Ground Base plus Pipe and Quad Stacked Tips	9,386.00
	with Liftoff (Monitor), Truck Mount Flange, and Ground Base	8,060.00
	Liftoff and Truck Mount Flange	5,118.00
	Hi-Riser Truck Mount Flange (Direct Mount)	914.00
	Hi-Riser Stow Indicator Light	914.00
	Spike Cover Kit	184.50
<b>3432</b>	<b>Platform Monitor</b>	15,110.00
<b>3433</b>	<b>Apollo Hi-Riser Dual-Inlet Portable and Deck Monitor</b>	
	with Liftoff (Monitor), Truck Mount and Ground Base plus Pipe, Quad Stacked Tips and Style 5160 Nozzle	10,798.00
	with Liftoff (Monitor), Truck Mount and Ground Base plus Pipe and Quad Stacked Tips	8,968.00
	with Liftoff (Monitor), Truck Mount and Ground Base	7,642.00
	Liftoff (Monitor) and Truck Mount Flange	5,118.00
	Hi-Riser Truck Mount Flange (Direct Mount)	914.00
	Hi-Riser Stow Indicator Light	914.00
	Spike Cover Kit	184.50
<b>3436</b>	<b>Apollo 4" Single Waterway Monitor</b>	7,484.00
<b>3437</b>	<b>Omega™ 4" Single Waterway Monitor</b>	10,472.00

Style	Description	US\$ List Price
<b>3440</b>	<b>DeckMaster™ Electric Monitor</b> 12V or 24V Monitor and Logic Box	13,630.00
	<b>DeckMaster Options:</b>	
	Position Feedback	2,116.00
	Position Indicator including Position Feedback	3,462.00
	Style 3406 Electric Riser	6,246.00
	Custom Color for Monitor (Black, Lime Yellow, White)	348.00
	<b>Nozzle Options:</b>	
	Style 1578 1250 GPM (4800 LPM) Electric Nozzle	4,590.00
	Style 5177 1250 GPM (4800 LPM) Electric Nozzle	2,668.00
	<b>Control Options:</b>	
	Wireless Remote Controller with Receiver	3,696.00
60410008	4 Switch Control Box Including Stow	1,454.00
60412002	CAN Tether Controller with Panel Mount Connector	3,296.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
<b>3444</b>	<b>Mercury™ Quick Attack LE Monitor</b> Quick Attack Monitor, Mounting Bracket and Style 4446 Nozzle	◇ 4,444.00
	Quick Attack Monitor Only	◇ 2,926.00
	Mounting Bracket	328.00
	Style 3448 Mercury FlowGuard™	◇ 1,092.00
	<b>Mercury Options:</b>	
	Style 4445 Fixed Gallonage Nozzle	816.00
	Style 4446 Adjustable Gallonage Nozzle	1,190.00
	Style 3621 Foam Tube (for 4445 or 4446 Only)	1,002.00
	Style 489 Deluge Tip	574.00
	Style 2420 Triple Stack Tip	672.00
	Style 5148 Oscillating Nozzle	3,374.00
<b>3446</b>	<b>MercuryMaster1000™</b> MercuryMaster1000 Monitor	◇ 5,596.00
	<b>MercuryMaster1000 Options:</b>	
	Style 5147 Adjustable Flow Nozzle	1,416.00
	Style 5148 Oscillating Nozzle	3,374.00
	Style 2498 Triple Stacked Tips	870.00
	Style 489 Deluge Tip	574.00
	Storage Bracket	392.00
<b>3448</b>	<b>Mercury FlowGuard™</b>	◇ 1,092.00
<b>3450</b>	<b>Ultra High Pressure Bumper Turret</b>	27,369.00



Style	Description	US\$ List Price
<b>3462</b>	<b>Forestry Monitor</b>	
	12V or 24V Monitor with Harness, Low- or Mid-Flow Nozzle, CAN Proportional Joystick w/20' Harness	8,498.00
	12V or 24V Monitor Only	3,798.00
	<b>Monitor Options:</b>	
	2" (51 mm) NPT Quick Disconnect	518.00
	12V or 24V Low Flow Nozzle, Adjustable 30, 60, 95, 125 (Fixed 60, 95, 125, 150, 175, 200)	2,114.00
	12V or 24V Mid Flow Nozzle, Adjustable 125, 175, 250, 300 (Fixed 250, 300)	2,114.00
	Flat Disperse Pattern	130.00
	Custom Color for Monitor (Black, Lime Yellow, White)	348.00
	<b>Control Options:</b>	
60350009	CAN Proportional Joystick w/20' Harness	2,586.00
	Wireless Remote Controller with Receiver	3,696.00
	<b>Valve Options:</b>	
	2" (51 mm) Electric Valve (including Harness)	2,209.40
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide Above prices do not include cost of network cabling</i>	
<b>3463</b>	<b>FireFox™ Electric Monitor</b>	
	12V or 24V Monitor and Logic Box	7,292.00
	<b>FireFox Options:</b>	
	2" (51 mm) NPT Quick Disconnect	518.00
	Position Feedback	2,116.00
	Position Indicator including Position Feedback	3,462.00
	12V or 24V Low Flow Nozzle, Adjustable 30, 60, 95, 125 (Fixed 60, 95, 125, 150, 175, 200)	2,114.00
	12V or 24V Mid Flow Nozzle, Adjustable 125, 175, 250, 350 (Fixed 250, 300, 375)	2,114.00
	12V or 24V High Flow Nozzle, Fixed 350, 400, 450, 500	2,430.00
	Flat Disperse Pattern	130.00
	Custom Color for Monitor (Black, Lime, Yellow, White)	348.00
	<b>Control Options:</b>	
	Wireless Remote Controller with Receiver	3,696.00
60410023	3 Switch Control Box (no Stow)	1,454.00
60410008	4 Switch Control Box Including Stow	1,454.00
60410029	4 Switch Control Box Including Valve	1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve	2,196.00
60350012	CAN ARFF Proportional Joystick	3,262.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide Above prices do not include cost of network cabling</i>	
	<b>Valve Options:</b>	
	2" (51 mm) Electric Valve (including Harness)	2,159.40
	2 1/2" (65 mm) Electric Valve (including Harness)	2,293.20
<b>3470</b>	<b>Gemini™ Monitor - Pyrolite®</b>	
	with Pipe and Deluge Tip	8,980.00
	less Pipe and Deluge Tip	7,608.00

Style	Description	US\$ List Price
<b>3476</b>	<b>Gemini Hydraulic Monitor with Manual Override - Brass</b>	
	with Akromatic Nozzle Style 5056	21,264.00
	less Nozzle	17,684.00
<b>3479</b>	<b>Gemini Electric Monitor 12V Monitor and Logic Box</b>	
	12V or 24V Monitor and Logic Box	18,292.00
	Custom Color for Monitor (Black, Lime, Yellow, White)	348.00
	<b>Gemini Options:</b>	
	Wireless Remote Controller with Receiver	3,696.00
60410023	3 Switch Control Box (no Stow)	1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve	2,196.00
60412002	CAN Tether Controller with Panel Mount Connector	3,296.00
60450007	12V Auxiliary Battery with 4' (1.2 m) Cable	1,312.00
	Style 1578 1250 GPM (4800 LPM) Electric Nozzle	4,590.00
	Style 5177 1250 GPM (4800 LPM) Electric Nozzle	2,668.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
<b>3480</b>	<b>StreamMaster II™ 2000 gpm Electric Monitor</b>	
	12V or 24V Monitor with Onboard Electronics	
	Includes Position Feedback, Stow Functionality, Wireless Receiver and Obstacle Avoidance	9,058.00
	<b>StreamMaster II Options:</b>	
	Position Indicator	1,346.00
	Style 3406 Electric Riser	6,246.00
	Custom Color for Monitor (Black, Lime, Yellow, White)	348.00
	<b>Nozzle Options</b>	
	Style 1578 1250 GPM (4800 LPM) Electric Nozzle	4,590.00
	Style 5177 1250 GPM (4800 LPM) Electric Nozzle	2,668.00
	Style 5178 2000 GPM (7600 LPM) Electric Nozzle	3,432.00
	<b>Control Options:</b>	
60470002	Wireless Remote Controller 2.4 GHz (batteries included)	2,308.00
60470003	Wireless Remote Controller 900 MHz (batteries included)	2,308.00
60410008	4 Switch Control Box Including Stow	1,454.00
60410023	3 Switch Control Box (no Stow)	1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve	2,196.00
60412002	CAN Tether Controller with Panel Mount Connector	3,296.00
60450007	12V Auxiliary Battery with 4' (1.2 m) Cable	1,312.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
<b>3481</b>	<b>StreamMaster II™ 1250, 1500 or 2000 gpm Manual Monitor</b>	6,020.00
<b>3482</b>	<b>StreamMaster II™ 1250 gpm Electric Monitor</b>	
	12V or 24V Monitor with Onboard Electronics	
	Includes Position Feedback, Stow Functionality, Wireless Receiver and Obstacle Avoidance	8,486.00
	<b>StreamMaster II Options:</b>	
	Position Indicator	1,346.00
	Style 3406 Electric Riser	6,246.00
	Custom Color for Monitor (Black, Lime, Yellow, White)	348.00
	<b>Nozzle Options</b>	
	Style 1578 1250 GPM (4800 LPM) Electric Nozzle	4,590.00
	Style 5177 1250 GPM (4800 LPM) Electric Nozzle	2,668.00

Style	Description	US\$ List Price		
<b>3482</b>	<b>StreamMaster II™ 1250 gpm Electric Monitor</b> <i>(continued)</i>			
	<b>Control Options:</b>			
60470002	Wireless Remote Controller 2.4 GHz (batteries included)			2,308.00
60470003	Wireless Remote Controller 900 MHz (batteries included)			2,308.00
60410008	4 Switch Control Box Including Stow			1,454.00
60410023	3 Switch Control Box (no Stow)			1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve			2,196.00
60412002	CAN Tether Controller with Panel Mount Connector			3,296.00
60450007	12V Auxiliary Battery with 4' (1.2 m) Cable			1,312.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>			
	<i>Above prices do not include cost of network cabling</i>			
<b>3485</b>	<b>Mini Stream Shaper</b>			<b>Pyrolite®</b>
	1 1/2" (38 mm)			252.00
	2 1/2" (65 mm)			450.00
	3 1/2" (89 mm)			522.00
<b>3486</b>	<b>StreamMaster II with AVM</b>			
	S1 -- Ladder, Right Valve			12,336.00
	S2 -- Ladder, Left Valve			12,336.00
	S3 -- Platform, Right Valve			12,052.00
	S4 -- Platform, Left Valve			12,052.00
	S5 -- Platform, Two Valve			12,802.00
	Optional AVM Paint			348.00
	Custom Color for Monitor (Black, Lime, Yellow, White)			348.00
	<b>Nozzle Options</b>			
	Style 1578 1250 GPM (4800 LPM) Electric Nozzle			4,590.00
	Style 5177 1250 GPM (4800 LPM) Electric Nozzle			2,668.00
	Style 5178 2000 GPM (7600 LPM) Electric Nozzle			3,432.00
	<b>Control Options:</b>			
60470002	Wireless Remote Controller 2.4 GHz (batteries included)			2,308.00
60470003	Wireless Remote Controller 900 MHz (batteries included)			2,308.00
60410008	4 Switch Control Box Including Stow			1,454.00
60410023	3 Switch Control Box (no Stow)			1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve			2,196.00
60412002	CAN Tether Controller with Panel Mount Connector			3,296.00
60450007	12V Auxiliary Battery with 4' (1.2 m) Cable			1,312.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>			
	<i>Above prices do not include cost of network cabling</i>			
<b>3487</b>	<b>Manual StreamMaster II with AVM</b>			
	S1 -- Ladder, Right Valve			9,288.00
	S2 -- Ladder, Left Valve			9,288.00
	S3 -- Platform, Right Valve			8,992.00
	S4 -- Platform, Left Valve			8,992.00
	S5 -- Platform, Two Valve			9,776.00
<b>3488</b>	<b>Discharge Pipe</b>	<b>Pyrolite®</b>	<b>Cast</b>	<b>Chrome</b>
	2 1/2" F x 2 1/2" M (65 x 65 mm)	528.00	726.00	864.00
	3 1/2" F x 2 1/2" M (89 x 65 mm)	574.00	804.00	976.00
	3 1/2" F x 3" M (89 x 75 mm)	--	944.00	1,172.00

Style	Description	US\$ List Price
<b>3491</b>	<b>Severe-Duty Stainless Steel Electric Monitor</b>	
	12V or 24V Monitor, 8' Wiring Harness and Logic Box	11,670.00
	<b>Nozzle Options:</b>	
	Style 489 Brass Smooth Bore Tip	640.00
	Style 4471 Brass AkroFoam 300-750 Electric Self Educting with Pickup Tube	6,788.00
	Style 4462 Brass Electric Rampage	5,164.00
	Style 5177 Aluminum 250 - 750 GPM (950 - 2900 LPM) Electric Nozzle	2,668.00
	Style 3293 Aluminum Electric Nozzle Up to 500 GPM (1900 LPM)	2,430.00
	<b>Control Options:</b>	
	Wireless Remote Controller with Receiver	3,696.00
60410023	3 Switch Control Box (no Stow)	1,454.00
60410008	4 Switch Control Box Including Stow	1,454.00
60410029	4 Switch Control Box Including Valve	1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve	2,196.00
60350012	CAN ARFF Proportional Joystick	3,262.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide Above prices do not include cost of network cabling</i>	
<b>3492</b>	<b>Severe-Duty Hydraulic Monitor Only</b>	9,556.00
	<b>Severe-Duty Options:</b>	
	Style 4460 Brass Rampage™ 500 & 750 GPM (1900 & 2900 LPM) Twist Shutoff Manual	1,336.00
	Style 2156 Brass Black Widow® 400-750 GPM (1525 & 2900 LPM) Hydraulic	2,260.00
	Style 5056 Brass Akromatic® 400-750 GPM (1525 & 2900 LPM) Hydraulic Pressure Balanced	3,580.00
<b>3493</b>	<b>Tank and Equipment Wash Down System</b>	Price on Application
<b>3499</b>	<b>Master Stacked Tips</b>	934.00
<b>3503</b>	<b>Apollo Top Mount</b>	896.00
<b>3505</b>	<b>Mount for Apollo Ground Base</b>	320.00
<b>3523</b>	<b>Omega XPV Monitor</b>	3,940.00
<b>3524</b>	<b>Omega SD Monitor</b>	4,174.00
	Additional Charge for Paint	148.00
<b>3525</b>	<b>Aries™ Monitor</b>	3,128.00
	Additional Charge for Paint	148.00
<b>3526</b>	<b>Omega™ 3" Single Waterway Monitor</b>	2,980.00
<b>3528</b>	<b>Omega XP Monitor</b>	2,356.00
	Additional Charge for Paint	148.00

Style	Description	US\$ List Price
<b>3530</b>	<b>Manual Elevated Monitor</b>	
	10' (3 m) tower with Nozzle	Price on Application
	15' (4.6 m) tower with Nozzle	Price on Application
	20' (6.1 m) tower with Nozzle	Price on Application
	<b>Nozzle Options:</b>	
	Monitor and Nozzle with 10' Cable	14,470.00
	Monitor and Nozzle with 15' Cable	14,690.00
	Monitor and Nozzle with 20' Cable	15,098.00
<b>3531</b>	<b>Oscillating Flange for Brass Monitor</b>	7,148.00
	Additional Charge for Paint	248.00
<b>3578</b>	<b>StreamMaster Electric Monitor</b>	
	12V or 24V Monitor and Logic Box with Stow Functionality	13,502.00
	<b>StreamMaster Options:</b>	
	Style 3406 Electric Riser	6,246.00
	Custom Color for Monitor (Black, Lime, Yellow, White)	348.00
	<b>Nozzle Options</b>	
	Style 1578 1250 GPM (4800 LPM) Electric Nozzle	4,590.00
	Style 5177 1250 GPM (4800 LPM) Electric Nozzle	2,668.00
	Style 5178 2000 GPM (7600 LPM) Electric Nozzle	3,432.00
	<b>Control Options:</b>	
	Wireless Remote Controller with Receiver	3,696.00
60410008	4 Switch Control Box Including Stow	1,454.00
60410023	3 Switch Control Box (no Stow)	1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve	2,196.00
60412002	CAN Tether Controller with Panel Mount Connector	3,296.00
60450007	12V Auxiliary Battery with 4' (1.2 m) Cable	1,312.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
<b>3580</b>	<b>Renegade™ Electric Monitor</b>	
	12V - 5000 GPM (19000 LPM) Monitor and Logic Box	37,068.00
	Custom Color for Monitor (Black, Lime, Yellow, White)	348.00
	<b>Control Options:</b>	
	Wireless Remote Controller with Receiver	3,696.00
60410008	4 Switch Control Box Including Stow	1,454.00
60410023	3 Switch Control Box (no Stow)	1,454.00
60350009	CAN Proportional Joystick with Trigger for Valve	2,196.00
60450007	12V Auxiliary Battery with 4' (1.2 m) Cable	1,312.00
60412002	CAN Tether Controller with Panel Mount Connector	3,296.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
	<b>Nozzle Options:</b>	
	5088 - Renegade 5000 Automatic	16,302.00
	2188 - Renegade Fixed Flow Nozzle (specify flow)	14,812.00
	2189 - Renegade Adjustable Flow Nozzle	14,600.00
<b>3590</b>	<b>Genesis™ Hydraulic Manual Monitor System</b>	
	Monitor System only	Price on Application
	with Monitor System and 2156 Nozzle	Price on Application
	with Monitor System and 5056 Nozzle	Price on Application
<b>3595</b>	<b>Genesis Electric Hydraulic Monitor System</b>	Price on Application

Style	Description	US\$ List Price
3600	<b>Switch Interface Transmitter (SIT) with Receiver</b>	2,528.00
	Switch Interface Transmitter (SIT) only	1,228.00
	Receiver Only	1,300.00
	<i>The full range of CAN enabled controls and their cabling can be found in the Style 60xx section of this guide</i>	
	<i>Above prices do not include cost of network cabling</i>	
3620	<b>1 1/2" Low Expansion FireFox Foam Tube</b>	970.00
3621	<b>2 1/2" Low Expansion Master Stream Foam Tube</b>	1,002.00
3623	<b>Dual Flow Automatic Master Stream Foam Nozzle</b>	8,640.00
3624	<b>3 1/2" Dual Flow Master Stream Foam Nozzle</b>	17,238.00
3625	<b>Master Stream Foam Nozzle</b>	1,434.00
3626	<b>Master Stream Foam Nozzle less Jaws</b>	2,376.00
	Manually Actuated Dispersion Jaw	2,942.00
	Air Actuated Dispersion Jaw	4,612.00
	Electrically Actuated Dispersion Jaw	6,306.00
3671	<b>Conquest™ Monitor Dual Handwheel (less nozzle)</b>	11,058.00
3678	<b>Remote Control Monitor System</b>	Price on Application
3679	<b>Conquest™ Monitor and Logic Box</b>	Price on Application
3690	<b>Storm™ Monitor less nozzle</b>	17,332.00
3698	<b>Storm Electric Programmable Monitor System</b>	Price on Application
3700	<b>AeroMaster 12™ Akromatic 3000 Nozzle</b>	7,414.00
	(available with or without Flat Disperse option)	
3701	<b>AeroMaster 12™ Selectable Fixed Orifice Nozzle</b>	7,548.00
	(available with or without Flat Disperse option)	
3716	<b>1 1/2" Industrial Turbojet® Nozzle</b>	◇ 1,320.00
3721	<b>1 1/2" Industrial Turbojet Nozzle with Pistol Grip</b>	◇ 1,390.00
3725	<b>2 1/2" Industrial Turbojet Nozzle</b>	◇ 1,834.00
3952	<b>95 GPM Foam Nozzle without Pickup Tube</b>	◇ 1,108.00
4039	<b>AkroChem™ 1250 gpm Manual Nozzle</b>	3,248.00
4040	<b>AkroChem™ 1250 gpm Electric Nozzle</b>	4,242.00
4042	<b>AkroChem™ 2000 gpm Electric Nozzle</b>	4,946.00
4116	<b>1 1/2" ProVenger™ Fixed Gallonage Nozzle with Removable Pistol Grip</b>	◇ 924.00
4445	<b>Mercury™ Nozzle 500 GPM Fixed Gallonage</b>	816.00

Style	Description	US\$ List Price
4446	<b>Mercury™ Nozzle 500 GPM Adjustable (NFPA, EN)</b>	1,190.00
4450	<b>Aquastream™ Master Stream with Teeth -- Brass</b>	894.00
4452	<b>Aquastream™ Master Stream with Teeth -- Pyrolite</b>	778.00
4460	<b>Rampage™ Master Stream with Twist Shutoff</b>	1,336.00
4461	<b>Rampage Master Stream</b>	1,278.00
4462	<b>Rampage Electric Master Stream</b> (must specify Standard or Severe Duty series)	5,164.00
4470	<b>AkroFoam™ Brass Master Stream Nozzle with Pickup Tube</b>	2,726.00
	AkroFoam Master Stream Nozzle with Pickup Tube and Valve	2,956.00
	AkroFoam Master Stream Nozzle with Quick connect Pickup Tube and Metering Head	3,752.00
	AkroFoam Master Stream Nozzle less Pickup Tube	2,260.00
	Optional Foam Shutoff	230.00
	Optional Drum Kit	202.00
4471	<b>AkroFoam™ Brass Master Stream Electric Nozzle with Pickup Tube</b>	6,788.00
	AkroFoam Master Stream Nozzle with Pickup Tube and Valve	7,018.00
	AkroFoam Master Stream Nozzle with Quick connect Pickup Tube and Metering Head	7,944.00
	AkroFoam Master Stream Nozzle less Pickup Tube (Must specify standard or Severe Duty Series)	6,322.00
	Optional Foam Shutoff	230.00
	Optional Drum Kit	202.00
4475	<b>AkroFoam™ Pyrolite Master Stream Nozzle with Pickup Tube and Metering Head</b>	2,944.00
	AkroFoam Master Stream Nozzle less Pickup Tube (Must specify standard or Severe Duty Series)	1,654.00
	Optional Foam Shutoff	230.00
	Optional Drum Kit	202.00
4478	<b>AkroFoam™ 2000 Master Stream Nozzle with Pickup Tube</b>	4,242.00
	AkroFoam™ 2000 Master Stream Nozzle with Pickup Tube and Foam Shutoff Valve	4,330.00
	AkroFoam™ 2000 Master Stream Nozzle Only	3,728.00
	AkroFoam™ 2000 Master Stream Nozzle with Metering Head and Pickup Tube	5,122.00
4479	<b>AkroFoam™ 2000 Master Stream Electric Nozzle with Pickup Tube</b>	7,020.00
	AkroFoam™ 2000 Master Stream Nozzle with Pickup Tube and Foam Shutoff Valve	7,250.00
	AkroFoam™ 2000 Master Stream Nozzle Only	6,648.00
	AkroFoam™ 2000 Master Stream Nozzle with Metering Head and Pickup Tube	8,042.00

Style	Description	US\$ List Price
4480	<b>AkroFoam™ Pyrolite Master Stream Electric Nozzle with Pickup Tube and Metering Head</b>	5,426.00
	AkroFoam Master Stream Nozzle less Pickup Tube (Must specify standard or Severe Duty Series)	4,136.00
	Optional Foam Shutoff	230.00
	Optional Drum Kit	202.00
4802	<b>1" Assault Nozzle with Spinning Teeth Available with or without Pistol Grip</b>	◇ 1,016.00
	Baffle Replacement Kit	72.00
4808	<b>Ultra High Pressure Nozzle with Pistol Grip and No Teeth 1500 max PSI</b>	1,882.00
4824	<b>1 1/2" High Range Assault Tip with Spinning Teeth</b>	940.00
	No Teeth Kit (smooth discharge ring)	146.00
	Baffle Replacement Kit	72.00
4826	<b>2 1/2" or 1 1/2" High Range Assault Nozzle with Spinning Teeth Available with or without Pistol Grip</b>	◇ 1,278.00
	No Teeth Kit (smooth discharge ring)	146.00
	Baffle Replacement Kit	72.00
	ZT Conversion Kit	◇ 532.00
4826ZT	<b>2 1/2" or 1 1/2" High Range Assault Zero Torque Nozzle with Spinning Teeth</b>	◇ 1,618.00
	Baffle Replacement Kit	122.00
4863	<b>Mid-Range Assault Nozzle with Spinning Teeth Available with or without Pistol Grip</b>	◇ 1,032.00
	Molded Teeth Kit	◇ 58.00
	Baffle Replacement Kit	122.00
	ZT Conversion Kit	◇ 532.00
4863ZT	<b>Mid-Range Assault Zero Torque Nozzle with Spinning Teeth</b>	◇ 1,372.00
	Molded Teeth Kit	◇ 58.00
	Baffle Replacement Kit	122.00
4866	<b>Mid-Range Assault Tip with Spinning Teeth</b>	788.00
	Molded Teeth Kit	◇ 58.00
	Baffle Replacement Kit	122.00
5055	<b>Akromatic 1000 Hydraulic Master Stream Nozzle</b>	2,414.00
5056	<b>Akromatic Hydraulic Master Stream Nozzle</b>	3,580.00
5071	<b>Akromatic 2000 Master Stream Nozzle</b>	4,232.00
5075	<b>Akromatic 1250 Electric Master Stream Nozzle</b>	3,344.00
5088	<b>Renegade™ 5000 Electric Master Stream Nozzle</b>	16,302.00
5098	<b>Akromatic 2000 Electric Master Stream Nozzle - Brass</b>	Price on Application



Style	Description	US\$ List Price
5147	<b>MercuryMaster™ Adjustable Flow Nozzle</b>	1,416.00
5148	<b>Oscillating Nozzle for MercuryMaster™ and Mercury™ Quick Attack LE Monitor</b>	3,374.00
5160	<b>Akromatic 1250 Master Stream Nozzle</b>	1,830.00
5170	<b>Akromatic 2000 Master Stream Nozzle</b>	2,642.00
5175	<b>Selectable Flow Electric Master Stream Nozzle</b>	3,312.00
5177	<b>Akromatic 1250 Electric Master Stream Nozzle</b>	2,668.00
5178	<b>Akromatic 2000 Electric Master Stream Nozzle</b>	3,432.00
<b><i>CAN Universal II Accessories and Controls</i></b>		
6032	<b>CAN Universal II Logic Box</b> Specify Monitor Style Number; provide serial number, if available	2,426.00
6033	<b>Electric Riser Controller</b>	1,706.00
6035	<b>CAN Proportional Joystick</b>	
60350009	Standard* with trigger	2,196.00
60350018	Pulse/Stream Joystick, provides Standard* joystick functions with two additional buttons to select between Pulse/Stream and normal valve control modes. Requires Pulse/Stream Valve for full functionality	2,378.00
60350012	ARFF Joystick with trigger for Valve; two buttons for Fog and Stream; and four switches for Stow/Deploy, Oscillation, High/Low Flow, Dry Chem <i>*Standard functions are stream/fog, right/left, raise/lower</i>	3,262.00
6036	<b>CAN Direction Indicator</b> Specify Portrait (Vertical) or Landscape (Horizontal)	1,346.00
6037	<b>CAN Wireless Interface</b>	
	2.4 GHz (for use with Style 3600 SIT)	1,300.00
	900 MHz (for use with Style 3600 SIT)	1,300.00
6039	<b>CAN Input/Output Module</b>	
60390005	CAN Input/Output Module Provides inputs for external OEM Open/Close switches and outputs for external valve Close/Open indicators	822.00
60390007	CAN Input/Output Module Provides inputs for external OEM Ladder Limit Switch (safe zone) and outputs for Discharge Valve Solenoid and "Monitor in Safe Zone" indicators	812.00
60390010	CAN Input/Output Module Provides inputs for Stow/Deploy and outputs for Monitor Deployed and Valve Discharge	812.00
60390011	CAN Input/Output Module Provides Auxiliary Agent (dry chem) and High Flow signal outputs	812.00

Style	Description	US\$ List Price
<b>6041</b>	<b>CAN Toggle Switch Station</b>	
60410023	3 Switch Standard* Functions	1,454.00
60410008	4 Switch Standard* Functions plus Stow and Deploy	1,454.00
60410034	4 Switch Standard* Functions plus Oscillation	1,454.00
60410028	4 Switch Auxiliary Functions only (Stow/Deploy, High/Low Flow, Oscillation On/Off, Water On/Off) to be used with 60350009	1,988.00
60410029	4 Switch Standard* Functions plus Water On/Off	1,454.00
	<i>*Standard functions are stream/fog, right/left, raise/lower</i>	
60411003	2 Switch Special plus Mini Joystick Joystick provides right/left/raise/lower, two switches provide valve on/off, and stream/fog	1,988.00
60411000	3 Switch Special plus Mini Joystick Joystick provides right/left/raise/lower, three switches provide stow/deploy, oscillation on/off, and stream/fog	1,988.00
60410035	OEM Interface Switchbox	774.00
60412002	Handheld Tether Controller with 30' (9.0m) coil cord Mini joystick provides Right/Left/Up/Down; four switches provide Fog/Stream, Stow/Deploy, Oscillation Set/Pause/Resume, Discharge On/Off including Panel Mount Interface (60510005)	3,296.00
60412007	Handheld Tether Controller with 30' (9.0m) coil cord Six toggle switches provide Right/Left, Up/Down, Fog/Stream, Stow/Deploy, Oscillation Set/Pause/Resume, Discharge On/Off including Panel Mount Interface (60510005)	3,296.00
60412008	Handheld Tether Controller with 30' (9.0m) coil cord Four toggle switches provide Right/Left, Up/Down, Fog/Stream, Stow/Deploy, Oscillation Set/Pause/Resume including Panel Mount Interface (60510005)	2,764.00
<b>6045</b>	<b>Apollo PE Battery Box</b>	1,604.00
<b>6047</b>	<b>Wireless Remote Controller</b>	
60470002	Wireless Remote Controller 2.4 GHz (batteries included)	2,308.00
60470003	Wireless Remote Controller 900 MHz (batteries included)	2,308.00
60470008	2-Pack 26650 Lithium Ion Batteries	100.30
60470010	Battery Charger for Lithium Ion Batteries	88.00
60470012	Wireless Remote Controller 2.4 GHz (batteries included) plus Battery Charger for Lithium Ion Batteries	2,396.00
60470011	Wireless Remote Controller 900 MHz (batteries included) plus Battery Charger for Lithium Ion Batteries	2,396.00
<b>6051</b>	<b>CAN Interface Modules</b>	
60510002	CAN to CAN Open Interface Module Provides interface to apparatus using CAN Open network to J1939 CAN monitor network	966.00
60510005	CAN Tether Connector provides panel mount CAN tether connector and interface to CAN monitor network, included with 6041200x above	568.00
	<b>CAN Universal II and Valve Networking Cable Components</b>	
721565	CAN Extension Harness, 20 ft (6m) for single control connection to onboard controller	390.00
721634	CAN Extension Harness, 30 ft (9m) for single control connection to onboard controller	687.70
721570	CAN Extension Harness, 20 ft (6m)	204.00
721572	CAN Extension Harness, 3 ft (.91m)	130.00
721573	CAN Extension Harness, 5 ft (1.5m)	138.00
721574	CAN Extension Harness, 10 ft (3m)	160.00
721575	CAN Extension Harness, 40 ft (12m)	308.00

Style	Description	US\$ List Price
	<b>CAN Universal II and Valve Networking Cable Components</b> <i>(continued)</i>	
721579	CAN Monitor Control Device Harness with Power Provides CAN plus power and ground for CAN joystick, toggle switch station, or direction indicator	150.00
721580	CAN Monitor Wireless Interface Harness Provides CAN plus power and ground for CAN wireless module	110.00
721582	Universal II J1 Interface Harness Provides access to Universal II logic box J1 input connector	304.00
721589	CAN Monitor Interface Harness Provides CAN (4 pin to 3 pin) less power	183.30
721592	Monitor Extension Harness Connects to existing monitor harness to provide 8 additional feet of length between the monitor and Universal II logic box (max 2 per monitor)	314.00
721615	Navigator Pro Display Pigtail Harness – includes CAN connection, power in and power out	160.00
721617	Navigator Pro Motor Pigtail Harness – includes CAN connection, power in & CAFS solenoid connection	96.00
721659	CAN Extension Harness, 6 in (.15 m)	118.00
742205	CAN Termination Plug One required at each end of CAN network	30.00
758306	CAN Network "T" One required at each CAN device	34.00
<b>7592</b>	<b>Piggy Back Remote Control 2 1/2"</b> for SZ Handles (One Side)	1,194.20
<b>7593</b>	<b>Piggy-Back Remote Control 2 1/2"</b> for TS and TSC Handles (One Side)	657.10
<b>7594</b>	<b>Piggy-Back Remote Control 2 1/2"</b> for TS and TSC Handles (Both Sides)	749.60
<b>7675</b>	<b>Slo-Cloz for Non-Locking Valves</b>	461.00
<b>7875</b>	<b>Slo-Cloz for Locking Valves</b>	391.60
<b>7725</b>	<b>Lightweight Apparatus Swing-Out™ Valve for Aerial Platforms</b>	
	2 1/2" (65 mm) Aluminum Valve with P1S X P1S X TSC	1,074.00
	2 1/2" (65 mm) Aluminum Valve with P1S X MES1S X TSC	1,340.00
	2 1/2" (65 mm) Aluminum Valve less Adapter with MES1S X TSC	1,174.00
	2 1/2" (65 mm) Aluminum Valve with F1S X M1S X TSC	1,212.00
<b>7940,-45,-50,-60</b>	<b>Butterfly Valve: 4", 4.5", 5", 6"</b>	see Valve Guide, next tab
<b>7980</b>	<b>Black Max™ Piston Intake Valve</b>	3,832.00
	<b>Additional Charge for:</b>	
	4", 5" and 6" Storz Cap and Chain (102, 127 and 153 mm)	282.00
	4" or 5" Full-Time Swivel Storz Inlet (102 or 127 mm)	410.00
	4" or 5" Male Inlet (102 or 127 mm)	410.00
	4.5" Inlet (110 mm)	410.00
	6" Storz Inlet (153 mm)	526.00
	Air Bleeder Diversion Hoses	310.00

Style	Description	US\$ List Price
<b>7982</b>	<b>Revolution™ Intake Valve with 30° Swivel Inlet</b>	3,046.00
	<b>Additional Charge for:</b>	
	4", 5" and 6" Storz Cap and Chain (102, 127 and 153 mm)	282.00
	4" or 5" Full-Time Swivel Storz Inlet (102 or 127 mm)	410.00
	4" or 5" Male Inlet (102 or 127 mm)	410.00
	4.5" Inlet (110 mm)	410.00
	6" Storz Inlet (153 mm)	526.00
	Drain Valve	102.00
	Custom Color (from our list of available colors)	348.00
	Specialty Color (minimums may apply)	Price on Application
<b>7983</b>	<b>Revolution™ Intake Valve</b>	2,942.00
	<b>Additional Charge for:</b>	
	4", 5" and 6" Storz Cap and Chain (102, 127 and 153 mm)	282.00
	4" or 5" Full-Time Swivel Storz Inlet (102 or 127 mm)	410.00
	4" or 5" Male Inlet (102 or 127 mm)	410.00
	4.5" Inlet (110 mm)	410.00
	6" Storz Inlet (153 mm)	526.00
	Drain Valve	102.00
	Custom Color (from our list of available colors)	348.00
	Specialty Color (minimums may apply)	Price on Application
<b>8620</b>	<b>2" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8625</b>	<b>2.5" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8630</b>	<b>3" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8635</b>	<b>3.5" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8803</b>	<b>Field Service/Conversion Kit with Metal Ball for Styles 7610, 7810 and 8810 Swing-Out Valves</b>	126.00
<b>8804</b>	<b>Field Service/Conversion Kit with Metal Ball for Styles 7615, 7815 and 8815 Swing-Out Valves</b>	160.00
<b>8810</b>	<b>1" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8815</b>	<b>1.5" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8820</b>	<b>2" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8825</b>	<b>2.5" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8830</b>	<b>3" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8835</b>	<b>3.5" Swing Out Valve, Metal Ball</b>	see Valve Guide, next tab
<b>8840</b>	<b>4" Swing Out Valve, Flat Ball</b>	see Valve Guide, next tab
<b>8903</b>	<b>G2 Field Service Kit with Polymer Ball for Style 7610, 7810, 8810, 8910</b>	122.00
<b>8904</b>	<b>G2 Field Service Kit with Polymer Ball for Style 7615, 7815, 8815, 8915</b>	152.00
<b>8905</b>	<b>G2 Field Service Kit with Polymer Ball for Style 7620, 7820, 8620, 8820, 8920</b>	188.00

Style	Description	US\$ List Price
8906	G2 Field Service Kit with Polymer Ball for Style 7625, 7825, 8625, 8825, 8925	190.00
8907	G2 Field Service Kit with Polymer Ball for Styles 7630, 7635, 7830, 7835, 8630, 8635, 8830, 8835, 8935	272.00
8908	G2 Field Service Kit with Polymer Ball for Styles 7840, 8940	322.00
8910	1" Swing Out Valve, Polymer Ball	see Valve Guide, next tab
8915	1.5" Swing Out Valve, Polymer Ball	see Valve Guide, next tab
8920	2" Swing Out Valve, Polymer Ball	see Valve Guide, next tab
8925	2.5" Swing Out Valve, Polymer Ball	see Valve Guide, next tab
8930	3" Swing Out Valve, Polymer Ball	see Valve Guide, next tab
8935	3.5" Swing Out Valve, Polymer Ball	see Valve Guide, next tab
8940	4" Swing Out Valve, Polymer Ball	see Valve Guide, next tab
9003	Handle Replacement Kit for Single Shutoff SaberJets	189.80
9004	Pistol Grip Replacement Kit with Hardware and 6 Color Clips	73.10
9005 90050001	Handle Replacement Kit for 2.5" Shutoffs Fits 7/16" trunnion; includes 6 color clips	73.10
9006 90060001	Handle Replacement Kit for 1.5" Shutoffs Fits 3/8" trunnion; includes 6 color clips	73.10
90060002	6 color clips only for Shutoff Handles	48.00
9108	Field Service Kit for Styles 1715, 1720, 4615, 4616	136.00
9110	Field Service Kit for Styles 1722, 1723P, 1725, 1729, 4625, 4626, 4629	216.00
9115	Field Service Kit for Styles 1701 and 1702 (Mfg. 1993-2000), 4612, 4613	162.00
9125	Field Service Kit for Style 815, 1480, 1481, 1581	172.00
9126	Field Service Kit for Style 820	186.00
9127	Field Service Kit for Style 825, 1482, 1483	208.00
9128	Field Service Kit for Style 828, 1582, 1583, 1828, 2582, 2583	196.00
9132	Handle Replacement Kit for 2581 Polymer Handle (fits square trunnion; round trunnion version no longer available)	39.30
9145	G2 Field Service/Conversion Kit with Stainless Ball for Style 7620, 7820, 8620, 8820, 8920	202.00

<b>Style</b>	<b>Description</b>	<b>US\$ List Price</b>
9146	G2 Field Service/Conversion Kit with Stainless Ball for Style 7625, 7825, 8625, 8825, 8925	204.00
9147	G2 Field Service/Conversion Kit with Stainless Ball for Styles 7630, 7635, 7835, 7830, 8630, 8635, 8830, 8835, 8930, 8935	298.00
9150	Field Service Kit for Styles 1110, 2110, 2111, 4510, 4511	162.00
9151	Field Service Kit for Styles 1115, 2115, 2116, 4507, 4508, 4512, 4513, 4515, 4516	140.00
9152	Field Service Kit for Styles 1125, 1128, 2126, 2127, 2129, 4525, 4526, 4529, 4530	186.00
9153	Field Service Kit for Style 2581, 2681	242.00
9155	Field Service Kit for Styles 3015, 3016, 3019, 3021	140.00
9163	Field Service Kit for Style 2069	178.00
9164	Field Service Kit for Style 2074	260.00
9166	Field Service Kit for Style 8840	288.00
9168	Field Service Kit for Style 7980	246.00
9170	Field Service Kit for Style 3460	426.00
9171	Field Service Kit for Style 3461	262.00
9178	Field Service Kit for Styles 4712, 4713, 4715, 4720, 4812, 4813, 4815, 4820	134.00
9179	Field Service Kit for Styles 4822, 4823, 4825, 4826	186.00
9180	Field Service Kit for Styles 1701, 1702, 1704, 4801, 4802	134.00
9182	Field Service Kit for Styles 1522, 1523, 1525 and 1526	188.00
9183	Field Service Kit for Styles 1512, 1513, 1515 and 1520	162.00
9184	Field Service Kit for Styles 1532, 1533, 1535 and 1536	188.00
9190	Field Service Kit for Styles 3411, 3421, 3431	178.00
9191	Field Service Kit for Style 911	162.00
9194	Field Service Kit for 3467 3" Valve Assembly with Ball	312.00
9195	Field Service Kit for Style 3465	100.00
9196	Field Service Kit for Style 3466	106.00
9197	Field Service Kit for 3467 3" Complete Assembly	220.00
9198	Field Service Kit for 3467 3" Valve Assembly Less Ball	174.00
9199	Field Service Kit for 3467 Panel Cover Subassembly	678.00

Style	Description	US\$ List Price
9200	Tool Kit for Nozzles	582.00
9204	Field Service Kit without Metal Ball for Styles 8620, 8820	56.00
9205	Field Service Kit without Metal Ball for Styles 8625, 8825	78.00
9206	Field Service Kit without Metal Ball for Styles 8630, 8635, 8830, 8835	82.00
9208	Field Service Kit without Metal Ball for Style 8810	56.00
9209	Field Service Kit without Metal Ball for Style 8815	56.00
9292	Field Service Kit for Style 922	186.00
9296	Eductor Conversion Kit for Styles 2959 & 2960	1,276.00
9300	Flow/Pressure Meter with wiring harness, two cables, flow sensor and pressure transducer	3,338.00
9301	AkroFlow™ Portable Flow Meter	2,628.00
9327	Navigator Pro™ Valve Controller includes Controller and Wiring Harness <b>See Valve Pricing for Electric Actuator.</b> <i>Navigator Pro valve controllers are for use exclusively with the Navigator Pro electric valve actuator</i> <i>Use of a Controller as an Auxiliary unit requires a networked installation.</i> <i>Contact Customer Service for detailed ordering instruction.</i> <i>See our website, akronbrass.com, for Navigator Pro™ Order Form</i>	808.00
9330	Navigator Pro™ Auto Tank Fill Navigator Pro Auto Tank Fill Controller Only	670.00
	Navigator Pro Auto Tank Fill Complete Package (less valve)	1,778.00

Style	Description	US\$ List Price
<b>9333</b>	<b>Navigator Pro™ Valve Controller</b> includes Controller and Wiring Harness <b>See Valve Pricing for Electric Actuator.</b> <i>Navigator Pro valve controllers are for use exclusively with the Navigator Pro electric valve actuator</i> <i>Use of a Controller as an Auxiliary unit requires a networked installation.</i> <i>Contact Customer Service for detailed ordering instruction.</i> <i>See our website, akronbrass.com, for Navigator Pro™ Order Form</i>	926.00
<b>9335</b>	<b>Navigator Pro Valve Controller with Pressure Meter, Flow Meter and CAFS</b> includes Controller, Wiring Harness, Pressure Transducer and Cables	2,110.00
	includes Controller, Wiring Harness, Flow Sensor, Pressure Transducer and 2 Cables	2,744.00
	<b>See Valve Pricing for Electric Actuator.</b> <i>Navigator Pro valve controllers are for use exclusively with the Navigator Pro electric valve actuator</i> <i>Use of a Controller as an Auxiliary unit requires a networked installation.</i> <i>Contact Customer Service for detailed ordering instruction.</i> <i>See our website, akronbrass.com, for Navigator Pro™ Order Form</i>	
<b>9437</b>	<b>Field Service Kit for Style 3437</b>	396.00
<b>9443</b>	<b>Field Service Kit for Style 3443</b>	106.00
<b>9515</b>	<b>Field Service Kit for Styles 3716, 3718, 3719, 3721, 1741</b>	144.00
<b>9525</b>	<b>Field Service Kit for Style 3425</b>	118.00
<b>9526</b>	<b>Field Service Kit for Styles 3426, 3526</b>	114.00
<b>9527</b>	<b>Field Service Kit for Styles 3427, 3527</b>	118.00
<b>91000</b>	<b>Fire Stream/Friction Loss Calculator</b>	42.00



Style	Description	US\$ List Price
<b>Apparatus Flow Test Kits</b>		
<b>AFTK-SK</b>	2 1/2" (65 mm) NH Flow Test Kit with 0-160 PSI Gauge, FK-230 Case, and 3/4", 1", 1 1/4", 1 1/2" and 1 3/4" tips	2,514.00
<b>AFTK-LK</b>	2 1/2" (65 mm) NH Flow Test Kit with 0-160 PSI Gauge, FK-230 Case, and 1 1/2", 1 3/4", 2", 2 1/4" and 2 1/2" tips	2,514.00
	Individual tips (available to purchase separately):	
	FK-301 1" (25 mm) Tip	150.00
	FK-302 1 1/4" (32 mm) Tip	150.00
	FK-303 1 1/2" (38 mm) Tip	150.00
	FK-304 1 3/4" (44 mm) Tip	150.00
	FK-305 2" (51 mm) Tip	150.00
	FK-306 2 1/4" (57 mm) Tip	150.00
	FK-307 2 1/2" (65 mm) Tip	150.00
	FK-330 3/4" (19 mm) Tip	150.00
<b>FK-230</b>	Case 20.5" x 17" x 8.5" (521 x 432 x 216 mm)	267.80
<b>FK-232</b>	Case 15.5" x 13.5" x 4" (394 x 343 x 102 mm)	195.20
<b>FK-233</b>	Case 19" x 14.5" x 4.75" (483 x 368 x 120 mm)	192.70
<b>RG-230</b>	Remote Gauge Assembly for the FK, HK, and TGK-3 Flow Test Kit (includes 10' of tubing)	168.00
<b>FK-105</b>	Additional tubing (price per foot)	9.60
<b>Hydrant Flow Test Kits</b>		
<b>AHTK-25NST-16-LG</b>	2 1/2" (65 mm) NH Hydrant Flow Test Kit with 0-160 PSI Gauge, Diffuser and FK-230 Case	1,856.00
<b>HKD-25</b>	Diffuser for AHTK-25	644.00
<b>AHTK-45NST-16-LG</b>	4 1/2" (114 mm) NH Hydrant Flow Test Kit with 0-160 PSI Gauge, Diffuser and FK-230 Case	2,644.00
<b>Hand Held Pitot</b>		
<b>HHPT-AL-16-SM</b>	Hand Held Nozzle & Hydrant Pitot with Case and 0-160 PSI gauge	872.00
<b>Cap Gauges</b>		
<b>HCGK-25NST-16</b>	2 1/2" (65 mm) NH Cap Gauge with 0-160 PSI Gauge	458.00
<b>Test Gauge Kits</b>		
<b>ATGK-3</b>	3 1/2" (89 mm) Test Gauge Kit	882.00
<b>ATGK-2-HP</b>	3 1/2" (89 mm) High Pressure Test Gauge Kit	1,510.00
<b>Line Gauges</b>		
<b>HLGK-15NST-16</b>	1 1/2" (38 mm) NH Line Gauge with 0-160 PSI Gauge	728.00
<b>HLGK-25NST-16</b>	2 1/2" (65 mm) NH Line Gauge with 0-160 PSI Gauge	742.00

Style	Description	US\$ List Price	
How to Order Extenda-Lite Products:			
Select one option from each column and sum the prices for list price			
Light Head	Base or Pole	Bracket	Additional Options
ELSS-SLDC	Portable Light (PL)	SM2	PLMT
ELSS-SLAC*	Tripod (POD)	SM4	POD-Bracket
ELSS-XLAC	Pull Up Pole (PU)	TM	SC
ELRE-XLDC	Push Up Pole (PS)	HK-LKi	SC-171
	Air Operated Pole (AO)	HK2-LKi	HC-2
	Non-Telescoping Swivel Base (SB)		HC-2SC
	Recessed Mount (RM) *		WG
	Brow Light (BL) **		UI
			TL
	** Available with ELRE-SLDC and ELSS (SceneStar) light only		LC
			WO
	* Available with ELSS-SLDC and ELSS-SLAC lights only		SW
			PL-Pole-MT

**Example:**

ELSS - XLDC - PS - SM2 - \_\_

ELSS-XLDC-PS-SM2 19000 Lumen SceneStar DC light head with push-up pole and pair of side mount brackets

List Price: 2,030+326+148 = 2,504

Contact Customer Service with questions on specific configurations

**Extenda-Lite Light Heads**

ELSS-SLDC	14000 Lumen SceneStar LED Head Only	1,678.00
ELSS-SLAC	15000 Lumen SceneStar LED Head Only (120V or 240V, for RM mounting only)	1,678.00
ELSS-XLDC	19000 Lumen SceneStar LED Head Only	2,030.00
ELSS-XLAC	20000 Lumen SceneStar LED Head Only (120V or 240V)	2,030.00
ELRE-SLDC	14000 Lumen Revel LED Head Only (Pole Mount)	1,144.00
ELRE-SLDC-SF	14000 Lumen Revel LED Head with Surface Mount	928.00
ELRE-XLDC	28000 Lumen Revel LED Head Only (Pole Mount)	1,890.00
ELRE-XLDC-SF	28000 Lumen Revel LED Head with Surface Mount	1,724.00

**Extenda-Lite Fixture and Pole Options**

PL	Portable Light Base with AC Plug (Specify plug, L5-15 is standard) Requires PL-Pole-MT if you wish to mount PL on a Pole	142.00
POD	Tripod with AC Plug (Specify plug, L5-15 is standard) Specify Stowed Height: 26", 41", 52", 60"	704.00
PU	Pull-Up Style Pole (for use with SM or TM brackets) in standard length (48" x 58" standard)	326.00
PU-Custom	Pull-Up Style Pole (for use with SM or TM brackets) with Custom Length	542.00
PS	Push-Up Style Pole (for use with SM brackets) Specify Inside and Outside Pole Length (60" x 11.5" standard)	326.00
PS-Custom	Push-Up Style Pole (for use with SM brackets) with Custom Length	542.00
AO	Air Operated Pole (for use with SM brackets) Air Control Box included	2,142.00
SB	Non-Telescoping Swivel Base	198.00
RM	Recessed Mount (15 degree down angle)*	208.00
BL	Brow Mount Light**	210.00
PL-Pole-MT	Mounting Bracket For PL-Series on a Pole	258.00
TL	Twist Lock Collar for Telescopic Poles	No Charge
LC	Knob Lock Collar in place of Twist Lock on Pole	136.00

Style	Description	US\$ List Price
<b>Extenda-Lite Bracket Options</b>		
<b>SM2</b>	Pair of 2-1/8" offset Side Mount Brackets for Pull Up or Push Up Light	148.00
<b>SM4</b>	Pair of 4-1/4" offset Side Mount Brackets for Pull Up or Push Up Light	148.00
<b>TM</b>	Top Mount Bracket for Pull Up Light	74.00
<b>HK-LKi</b>	Light Kit Only for Honda EU1000i (5-15 Plug Only)	320.00
<b>HK2-LKi</b>	Light Kit Only for Honda EU2000i (5-15 Plug Only)	358.00
<b>Extenda-Lite® Additional Options and/or Replacement Components</b>		
When ordering Additional Extenda-Lite Options, add the option I.D. listed below for the particular option as a suffix to the part number		
<b>PLMT</b>	Mounting Bracket for PL-Series Lights	80.00
<b>POD-Bracket</b>	3-Piece Tripod Mounting System	220.00
<b>POD-Bracket-Long</b>	3-Piece Tripod Mounting System w/ 3" (75 mm) offset	220.00
<b>SC</b>	Stop Collar (2 Pieces) For Inside Pole	110.00
<b>SC-171</b>	Stop Collar For Outside Pole	110.00
<b>SM2</b>	Individual Side Mount Bracket 2 1/8" (54 mm) Offset	74.00
<b>SM4</b>	Individual Side Mount Bracket 4 1/4" (108 mm) Offset	74.00
<b>TM</b>	Top Mount Bracket for Pull-Up pole	74.00
<b>HC-2</b>	Handle Cup for Push-Up Lights with 2 1/8" (54 mm) Offset	138.00
<b>HC-2SC</b>	Handle Cup with stop 2 1/8" (54 mm) Offset	138.00
<b>HC-4</b>	Handle Cup for Push-Up Lights with 4 1/4" (108 mm) Offset	138.00
<b>HC-4SC</b>	Handle Cup with stop 4 1/4" (108 mm) Offset	138.00
<b>SW</b>	Switch for Light Head	62.00
<b>UI</b>	Up Indicator Switch	254.00
<b>TL</b>	Replacement Twist Lock Collar for Telescopic Poles	78.00
<b>LC</b>	Replacement Knob Lock Collar for Telescopic Poles	136.00
<b>WO</b>	Wire Out the Top of the Pole	134.00
<b>Light Head Kit Only for Honda EU1000iK1</b>		
<i>Select a Light Head (above) and HK-LKi. Examples:</i>		
<b>ELSS-XLAC-HK-LKi</b>	20,000 Lumen SceneStar	2,350.00
<b>Light Kit Only for Honda EU2000i1A</b>		
<i>Select a Light Head and HK2-LKi. Examples:</i>		
<b>ELSS-XLAC-HK2-LKi</b>	20,000 Lumen SceneStar	2,388.00

Style	Description	US\$ List Price
<b>Revel Scout</b>		
<b>Standard Package</b>		
<b>Revel Scout with one (1) battery and a charger</b>		
ELRE-SCOUT-1B-DC	Standard package with 12/24V Charger	2,180.00
ELRE-SCOUT-1B-120	Standard package with 120V Charger	2,180.00
ELRE-SCOUT-1B-240	Standard package with 240V Charger and European plug	2,180.00
<b>Premium Package</b>		
<b>Revel Scout with two (2) batteries and a charger</b>		
ELRE-SCOUT-2B-DC	Standard package with 12/24V Charger	2,846.00
ELRE-SCOUT-2B-120	Standard package with 120V Charger	2,846.00
ELRE-SCOUT-2B-240	Standard package with 240V Charger and European plug	2,846.00
<b>Accessories</b>		
SCOUT-MT	Truck Mounting Bracket	328.00
SCOUT-CASE	Storage Case for Scout and battery	396.00
1224-RSBC	12/24V charger	352.00
120-RSBC	120V charger	352.00
240-RSBC	240V charger	352.00
60AH-RSB	50 amp hour battery	656.00
147-SS	Replacement rubber strap	19.30
ADPT-SCOUT-120AC	AC adapter for powering the unit while in use	1,176.00
<i>For order quantities of fewer than 5 units, an additional hazardous material shipping surcharge of \$35.00 will be applied per order. This charge is applied independent of other freight policies</i>		
<b>Electrical Junction Box</b>		
EJBX	Electrical Junction Box (Gray in color)	822.00
<b>Additional Junction Box Options</b>		
EJB-GFI	GFCI Household Duplex Receptacle	102.00
L5-30	3-wire, 30amp Receptacles (each)	36.00
<b>Junction Box Mounting Brackets and Accessories</b>		
EJB-HMT-TP	Horizontal Mount (Treadplate)	412.00
EJB-VMT-TP	Vertical Mount (Treadplate)	412.00
<i>See our website, <a href="http://akronbrass.com">akronbrass.com</a>, for Junction Box Order Form</i>		

# Valve Guide

Prices Effective January 2, 2023

## 8800 & 8600 Series Heavy-Duty Valves

	Style	Size	A	B		Body Sub Assembly Only List Price - US Dollars
				R-1	SZ	
Uses R1, TS or TSC Handles Only	8810	1" (25 mm)	1 7/8" (48 mm)	2 11/16" (68 mm)	-	231.10
	8815	1 1/2" (38 mm)	2 1/4" (57 mm)	3 1/16" (78 mm)	-	252.60
	8820	2" (51 mm)	3" (75 mm)	3 3/4" (95 mm)	4 5/32 " (106 mm)	313.50
	8825	2 1/2" (65 mm)	3 1/2 (89 mm)	4 1/8" (105 mm)	4 3/16" (106 mm)	387.10
	8830	3" (75 mm)	4" (102 mm)	4 1/2" (114 mm)	4 9/16" (116 mm)	642.80
	8835	3 1/2" (89 mm)	4" (102 mm)	4 1/2" (114 mm)	4 9/16" (116 mm)	642.80
Uses SZ, RS Handles and Gear or Electric Actuators	8620	2" (51 mm)	3" (75 mm)	3 3/4" (95 mm)	4 5/32 " (106 mm)	313.50
	8625	2 1/2" (65 mm)	3 1/2 (89 mm)	4 1/8" (105 mm)	4 3/16" (106 mm)	387.10
	8630	3" (75 mm)	4" (102 mm)	4 1/2" (114 mm)	4 9/16" (116 mm)	642.80
	8635	3 1/2" (89 mm)	4" (102 mm)	4 1/2" (114 mm)	4 9/16" (116 mm)	642.80

## 8900 Series Heavy-Duty Valves (replaces 7600 & 7800 Series)

	Style	Size	A	B		Body Sub Assembly Only List Price - US Dollars
				R-1	SZ	
Uses R1, TS or TSC, SZ, RS Handles and Gear or electric Actuator	8910	1" (25 mm)	1 7/8" (48 mm)	2 11/16 " (68 mm)	-	231.10
	8915	1 1/2" (38 mm)	2 1/4" (57 mm)	3 1/16" (78 mm)	-	252.60
	8920	2" (51 mm)	3" (75 mm)	3 3/4" (95 mm)	2 3/4" (70 mm)	313.50
	8925	2 1/2" (65 mm)	3 1/2" (89 mm)	4 1/8" (105 mm)	3" (75 mm)	387.10
	8930	3" (75 mm)	4" (102 mm)	4 1/2" (114 mm)	3 1/2" (89 mm)	642.80
	8935	3 1/2" (89 mm)	4" (102 mm)	4 1/2" (114 mm)	3 1/2" (89 mm)	642.80

## Swing Out Valve Body Sub Assembly With Actuator

Style	Size	Gear Less Handwheel	Electric Less Controller*	Air
		List Price -US Dollars	List Price - US Dollars	List Price - US Dollars
8615	1 1/2" (38 mm)	-	1,984.10	-
8620	2" (51 mm)	890.30	2,156.60	-
8625	2 1/2" (65 mm)	924.50	2,228.10	-
8630	3" (75 mm)	1,198.10	2,559.00	-
8635	3 1/2" (89 mm)	1,198.10	2,559.00	-
8840	4" (102 mm)	1,837.30	3,323.10	3,269.50
8920	2" (51 mm)	890.30	2,156.60	-
8925	2 1/2" (65 mm)	924.50	2,228.10	-
8930	3" (75 mm)	1,198.10	2,559.00	-
8935	3 1/2" (89 mm)	1,198.10	2,559.00	-
8940	4" (102 mm)	1,837.30	3,323.10	3,269.50

\*See Styles 9327, 9333 and 9335 for Valve Controller options

## Handles, Actuators and Accessories (List Price - US Dollars)

List Price - US Dollars	Size	R-1	SZ	TS	TSC	Rack and Sector	PB-1
	1" (25 mm)	48.30	-	92.80	140.70	-	-
	1 1/2" (38 mm)	48.30	-	92.80	140.70	-	-
	2" (51 mm)	73.10	448.50	105.90	165.40	-	-
	2 1/2" (65 mm)	73.10	448.50	105.90	165.40	599.00	193.60
	3" (75 mm)	73.10	448.50	105.90	165.40	599.00	193.60
	3 1/2" (89 mm)	73.10	448.50	105.90	165.40	599.00	193.60

List Price - US Dollars	Size	Handwheel Assembly for Local Actuation	Handwheel Assembly for Remote Actuation† (Less Handwheel)	Position Indicator with Handwheel	Slo Cloz™ for R/S and Non-Locking Valves	Slo-Cloz for Tork-Lok & Self Locking Valves	Handwheel Assembly for Remote Actuation† (Less Handwheel)
	2" (51 mm)	180.80	763.00	779.70	-	391.60	180.80
	2 1/2" (65 mm)	180.80	763.00	779.70	-	391.60	180.80
	3" (75 mm)	180.80	763.00	779.70	461.00	391.60	180.80
	3 1/2" (89 mm)	180.80	763.00	779.70	461.00	391.60	180.80
	4" (102 mm)	309.10	776.00	918.70	-	-	309.10

†Includes one Universal Joint Kit. Additional Kits (P/N 109322) \$499.50

***Items listed as "Non-Standard" may have longer lead times. Please contact Customer Care for pricing and availability.***

Rigid NPT Male Adapters Style								
Style		Size						
		1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (65 mm)	3" (75 mm)	3 1/2" (89 mm)	4" (102 mm)
M1-S	A	1 21/32" (42 mm)	1 5/16" (33 mm)	1 5/8" (41 mm)	2" (51 mm)	2 1/16" (52 mm)	-	2 21/32" (75 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	Non-Standard	76.20	90.80	110.20	168.60	-	Non-Standard
M3-S	A	-	-	-	3 7/16" (87 mm)	3 9/16" (90 mm)	-	-
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	-
	TH'D	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	-
	List Price - US Dollars	-	-	-	171.30	Non-Standard	-	-
M4-S	A	-	-	-	5" (127mm)	5" (127mm)	-	-
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	-
	TH'D	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	-
	List Price - US Dollars	-	-	-	222.00	342.00	-	-
M12-S	A	-	-	1 15/16" (49 mm)	-	3 3/4" (95 mm)	-	-
	B	-	-	-	-	-	-	-
	TH'D	-	-	2 1/2" NPT (65 mm)	-	4" NPT (102 mm)	-	-
	List Price - US Dollars	-	-	231.60	-	Non-Standard	-	-

Rigid NPT Female Adapters Style		Size							KEY		
Style		1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (65 mm)	3" (75 mm)	3 1/2" (89 mm)	4" (102 mm)			
P1-S	A	1 1/8" (29 mm)	1 1/8" (29 mm)	1 1/4" (32 mm)	1 7/8" (48 mm)	1 7/8" (48 mm)	2" (51 mm)	2 1/8" (54 mm)	*	1/4" (6.4 mm) and 3/4" (19 mm) NPT taps	
	B								**	(2) 3/4" (19 mm) NPT taps	
	C										
	List Price - US Dollars	51.90	52.50	81.10	111.30	155.50	236.50	264.60	***	3/4" (19 mm) NPT tap	
* P2-S	A	-	3 3/8" (86 mm)	3 1/4" (83 mm)	3 19/32" (91 mm)	3 7/16" (87 mm)	4" (102 mm)	4 5/16" (110 mm)	†	30° Angle	
	B	-	1 5/8" (41 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 13/16" (46 mm)	††	90° Angle	
	C	-	1 3/8" (35 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 19/32" (66 mm)			
	List Price - US Dollars	-	134.30	139.60	168.50	229.90	270.20	400.70	+	Eccentric flange face	
P10-S	A	-	1 1/4" (32 mm)	2 1/32 (52 mm)	3 5/16" (84 mm)	-	-	-			
	B	-				-	-	-	++	Slotted valve flange	
	TH'D	-	2" NPT (51 mm)	2 1/2" NPT (65 mm)	3" NPT (75 mm)	-	-	-			
	List Price - US Dollars	-	Non-Standard	Non-Standard	Non-Standard	-	-	-	+++	8 holes flange - Use 4	
* P12-S	A	-	-	-	-	3 3/4" (95 mm)	3 3/4" (95 mm)	-			
	B	-	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-			
	TH'D					4" NPT (102 mm)	4" NPT (102 mm)	-	#	4 hole flanges with 4 3/8" (111 mm) BC - for spacing	
	List Price - US Dollars	-	-	-	-	288.30	279.80	-			
P20-SF	A	-	-	3 5/32" (80 mm)	3 7/16" (87 mm)	4" (102 mm)	-	4" (102 mm)			
	TH'D	-	-	2" NPT (51 mm) 2 1/2" VIC (65 mm)	2 1/2" NPT (65 mm) 3" VIC (75 mm)	3" NPT (75 mm)		4" NPT (102 mm)	◇	3) 3/4" (19 mm) NPT Taps	
	For Flow Meter										
	List Price - US Dollars	-	-	Non-Standard	Non-Standard	Non-Standard	-	Non-Standard			
◇ P30-SCV	A	-	5 5/8" (143 mm)	5 27/32" (148 mm)	6 1/4" (159 mm)	7 1/2" (191 mm)	-	-			
	B	-	1 21/32" (42 mm)	3 7/8" (98 mm)	4 9/32" (109 mm)	4 15/16" (125 mm)	-	-			
	TH'D	-	1 1/2" NPT (38 mm) 2" VIC (51 mm)	2" NPT (51 mm)	2 1/2" NPT (65 mm)	3" NPT (75 mm)	-	-			
	Built-in Check Valve										
	List Price - US Dollars	-	Non-Standard	1,157.50	Non-Standard	Non-Standard	-	-			

**Male Discharge Adapters**

Style		Size						
		1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (65 mm)	3" (75 mm)	3 1/2" (89 mm)	4" (102 mm)
M1-S	A	1 11/16" (43 mm)	1 5/16" (33 mm)	1 5/8" (41 mm)	2" (51 mm)	2 7/8" (73 mm)	-	2 21/32" (67 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	Non-Standard	76.20	90.80	110.20	168.60	-	Non-Standard
M2-S	A	-	-	1 15/16" (49 mm)	-	-	-	-
	B	-	-	-	-	-	-	-
	THD	-	-	2 1/2" NH (65 mm)	-	-	-	-
	List Price - US Dollars	-	-	Non-Standard	-	-	-	-
* M3-S	A	-	-	-	3 3/16" (81 mm)	3 5/16" (84 mm)	-	3 19/32" (91 mm)
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	1 13/16" (46 mm)
	C	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	2 5/8" (63 mm)
	List Price - US Dollars	-	-	-	171.30	Non-Standard	-	399.10
* M4-S	A	-	-	-	5" (127 mm)	5" (127 mm)	4 15/16" (124 mm)	3 19/32" (91 mm)
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 13/16" (46 mm)
	C	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 5/8" (67 mm)
	List Price - US Dollars	-	-	-	222.00	342.00	Non-Standard	711.40
* M6-S	A	-	-	-	10" (254 mm)	-	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-	-
	List Price - US Dollars	-	-	-	Non-Standard	-	-	-
*M7-S	A	-	-	-	6 1/2" (165 mm)	-	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-	-
	List Price - US Dollars	-	-	-	Non-Standard	-	-	-
*M8-S	A	-	-	2 7/8" (73 mm)	-	-	-	-
	C	-	-	1 17/64" (32 mm)	-	-	-	-
	THD	-	-	1 1/2" NH (38 mm)	-	-	-	-
	List Price - US Dollars	-	-	Non-Standard	-	-	-	-
* M10-S	A	-	-	3 7/32" (82 mm)	-	-	-	-
	B	-	-	1 25/64" (35 mm)	-	-	-	-
	THD	-	-	2 1/2" NH (65 mm)	-	-	-	-
	List Price - US Dollars	-	-	Non-Standard	-	-	-	-
*† ME1-S	A	-	-	-	6 5/8" (168 mm)	7" (178 mm)	-	9 3/4" (248 mm)
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	1 5/8" (41 mm)
	C	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	2 5/16" (59 mm)
	List Price - US Dollars	-	-	-	359.10	612.50	-	Non-Standard
*† ME3-S	A	-	-	-	10 5/16" (278 mm)	-	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-	-
	List Price - US Dollars	-	-	-	384.20	-	-	-
*† ME4-S	A	-	-	-	12 5/16" (313 mm)	-	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-	-
	List Price - US Dollars	-	-	-	Non-Standard	-	-	-
*† ME5-S 2 1/2" Thread	A	-	-	-	-	6 7/8" (175 mm)	-	-
	B	-	-	-	-	1 3/8" (35 mm)	-	-
	C	-	-	-	-	2 1/8" (54 mm)	-	-
	List Price - US Dollars	-	-	-	-	Non-Standard	-	-

Female Intake Adapters Chrome Swivels (Hose Thread)

Style		Size						KEY	
		1 1/2" (38 mm)	2" (51 mm)	2 1/2" (65 mm)	3" (75 mm)	3 1/2" (89 mm)	4" (102 mm)		
F1-S	A	-	-	2 15/16" (75 mm)	-	-	-	*	1/4" (6.4 mm) and 3/4"
	B	-	-	-	-	-	-	**	(2) 3/4" (19 mm) NPT taps
	C	-	-	-	-	-	-		
	List Price - US Dollars	-	-	230.00	-	-	-	***	3/4" (19 mm) NPT tap
*F2-S	A	-	-	3 1/2" (89 mm)	-	-	-	†	30° Angle
	B	-	-	1 3/8" (35 mm)	-	-	-	††	90° Angle
	C	-	-	2 1/8" (54 mm)	-	-	-		
	List Price - US Dollars	-	-	273.30	-	-	-	+	Eccentric flange face
*F3-S	A	-	-	5 1/2" (140 mm)	-	-	-		
	B	-	-	1 3/8" (35 mm)	-	-	-	++	Slotted valve flange
	C	-	-	2 1/8" (54 mm)	-	-	-		
	List Price - US Dollars	-	-	296.50	-	-	-	+++	8 holes flange - Use 4
F1-SS	A	-	-	2 15/16" (75 mm)	2 15/16" (75 mm)	2 5/8" (67 mm)	3 5/8" (92 mm)		
	B	-	-	-	-	-	-		
	C	-	-	-	-	-	-		
	List Price - US Dollars	-	-	230.00	Non-Standard	-	-	#	4 hole flanges with 4 3/8" (111 mm) BC for spacing
* F2-SS	A	-	-	3 1/2" (89 mm)	3 3/4" (95 mm)	-	-		
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	-	◇	3) 3/4" (19 mm) NPT
	C	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	-		
	List Price - US Dollars	-	-	273.30	Non-Standard	-	-		
* F3-SS	A	-	-	5 1/2" (140 mm)	5 1/2" (140 mm)	-	-		
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	-		
	C	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	-		
	List Price - US Dollars	-	-	302.20	Non-Standard	-	-		
* F4-SS 2 1/2" swivel	A	-	-	-	3 13/16" (97 mm)	-	-		
	B	-	-	-	1 3/8" (35 mm)	-	-		
	C	-	-	-	2 1/8" (54 mm)	-	-		
	List Price - US Dollars	-	-	-	Non-Standard	-	-		
* F5-SS 1/2" swivel	A	-	-	-	5 1/2" (140 mm)	-	-		
	B	-	-	-	1 3/8" (35 mm)	-	-		
	C	-	-	-	2 1/8" (54 mm)	-	-		
	List Price - US Dollars	-	-	-	426.50	-	-		
*† FE3-SS	A	-	-	7 1/8" (181 mm)	7 3/4" (197 mm)	-	-		
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	-		
	C	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	-		
	List Price - US Dollars	-	-	473.20	Non-Standard	-	-		



Flex Hose & Solder Adapters

Style		Size						
		1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (65 mm)	3" (75 mm)	3 1/2" (89 mm)	4" (102 mm)
P1-SH	A	-	-	-	-	1 15/16" (49 mm)	-	2 5/16" (59 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	-	-	161.00	-	343.50
P12-SH	A	-	-	-	-	1 15/16" (49 mm)	-	-
		3" (75 mm) Adapter with 4" (102 mm) Flex Connection						
	List Price - US Dollars	-	-	-	-	396.60	-	-

Grooved Fitting Adapters

Style		Size						
		1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (65 mm)	3" (75 mm)	3 1/2" (89 mm)	4" (102 mm)
V1-S	A	1 11/16" (43 mm)	1 3/4" (44 mm)	1 29/32" (48 mm)	1 29/32" (48 mm)	2 3/32" (53 mm)	2 5/32" (53 mm)	2 1/4" (57 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	Non-Standard	69.10	80.90	111.00	201.80	Non-Standard	343.80
* V3-S	A	-	3 5/16" (84 mm)	3 1/4" (83 mm)	3 3/16" (81 mm)	3 5/16" (84 mm)	-	4" (102 mm)
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 15/16" (49 mm)
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	133.40	138.20	221.50	315.00	-	372.80
* V4-S	A	-	-	-	3 1/2" (89 mm)	-	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-	-
		2 1/2" (65 mm) with 3" (75 mm) Grooved Fitting						
	List Price - US Dollars	-	-	-	371.90	-	-	-
* V5-S	A	-	-	3 1/2" (89 mm)	-	-	-	-
	B	-	-	1 3/8" (35 mm)	-	-	-	-
	C	-	-	2 1/8" (54 mm)	-	-	-	-
		2" (52 mm) with 1 1/2" (38 mm) Grooved Fitting						
	List Price - US Dollars	-	-	156.70	-	-	-	-
VT1-S	A	-	-	-	-	2 5/32" (55 mm)	-	2 11/32" (60 mm)
		3" (75 mm) has 3" (75 mm) NPT + 4" (102 mm) Grooved Fitting						
		4" (102 mm) has 4" (102 mm) NPT + 5" (127 mm) Grooved Fitting						
	List Price - US Dollars	-	-	-	-	305.80	-	Non-Standard
†† VE1-S * 2" *** 1 1/2"	A	-	-	3 3/4" (95 mm)	-	-	-	-
	B	-	-	3" (75 mm)	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	264.60	-	-	-	-
*†† VE2-S	A	-	-	5 3/4" (146 mm)	-	-	-	-
	B	-	-	2 31/32" (75 mm)	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	Non-Standard	-	-	-	-

Grooved Fitting Adapters (continued)

Style		Size							KEY
		1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (65 mm)	3" (75 mm)	3 1/2" (89 mm)	4" (102 mm)	
V20-SF For Flow Meter	A	-	-	3 3/16" (81 mm)	-	-	-	-	* 1/4" (6.4 mm) and 3/4" (19
	B	-	-	1 1/4" (32 mm)	-	-	-	-	** (2) 3/4" (19 mm) NPT taps
	TH'D	-	-	2" VIC (51 mm)	-	-	-	-	
	List Price - US Dollars	-	-	Non-Standard	-	-	-	-	*** 3/4" (19 mm) NPT tap
◇ V30-SCV	A	-	-	5 27/32" (148 mm)	6 1/4" (159 mm)	7 1/2" (191 mm)	-	-	† 30° Angle
	B	-	-	3 7/8" (98 mm)	4 9/32" (109 mm)	4 15/16" (125 mm)	-	-	†† 90° Angle
	Built-in Check Valve								
	List Price - US Dollars	-	-	956.80	1,036.00	Non-Standard	-	-	+ Eccentric flange face

Pump Flange Adapters (Hale Pump Use)

Style		Size					
		2 1/2 " (65 mm)	3/3 1/2" (75/89 mm)	4" (102 mm)	Angle	Bolt Holes	Bolt CIR. DIA.
B1-SE	A	-	2 7/8" (73 mm)	-	-	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	345.60	-	-	-	-
+ B2-SE	A	-	2 7/8" (73 mm)	-	26°	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	508.50	-	-	-	-
B3-SE	A	-	3 1/8" (79 mm)	4" (102 mm)	3°30'	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	330.50	391.70	-	-	-
B6-SE	A	-	6 7/8" (175 mm)	-	4°	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	Non-Standard	-	-	-	-
B8-SH (Octagonal Flange)	A	-	-	4" (102 mm)	-	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	-	511.40	-	-	-
B20-SFH	A	-	-	5 27/64" (138 mm)	-	8	5 3/4" (146 mm)
	B	-	-	2 43/64" (68 mm)	-	-	-
	For Flow Meter						
	List Price - US Dollars	-	-	Non-Standard	-	-	-
++ HD1-S	A	6 1/4" (159 mm)	5 3/4" (146 mm)	-	2 1/2 "-5° 20' 3"-7°	4	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	Angle	5°20'	7°	-	-	-	-
	List Price - US Dollars	276.00	304.00	-	-	-	-
++ HD2-S	A	8 1/4" (210 mm)	7 3/4" (197 mm)	-	2 1/2 "-3° 45' 3"-4°	4	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	List Price - US Dollars	298.30	370.80	-	-	-	-
HD4-S	A	5 1/4" (133 mm)	-	-	14°5'	4	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	Non-Standard	-	-	-	-	-

++	flange
+++	8 holes flange - Use 4
#	4 hole flanges with 4 3/8" (111 mm) BC - for spacing
◇	3) 3/4" (19 mm) NPT Taps

**Pump Flange Adapters (Hale Pump Use)**

Style		Size					
		2 1/2 " (65 mm)	3/3 1/2" (75/89 mm)	4" (102 mm)	Angle	Bolt Holes	Bolt CIR. DIA.
++ SE1-S	A	3 1/4" (83 mm)	2 3/4" (70 mm)	-	90°	4	4 3/8" (111 mm)
	B	5 1/4" (133 mm)	6" (152 mm)	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	291.00	Non-Standard	-	-	-	-
++ SE2-S	A	5 1/4" (133 mm)	4 3/4" (121 mm)	-	90°	4	4 3/8" (111 mm)
	B	5 1/4" (133 mm)	6" (152 mm)	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	323.20	Non-Standard	-	-	-	-
++ SE3-S	A	2 1/2" (65 mm)	-	-	90°	4	4 3/8" (111 mm)
	B	7 3/4" (197 mm)	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	489.50	-	-	-	-	-
++ SE4-S	A	6" (153 mm)	-	-	90°	4	4 3/8" (111 mm)
	B	8 1/2" (216 mm)	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	Non-Standard	-	-	-	-	-
DE3-S	A	-	-	4 15/16" (125 mm)	94°	8	5 3/4" (146 mm)
	B	-	-	5" (127 mm)	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	-	424.60	-	-	-

**Pump Flange Adapters (Waterous Pump Use)**

Style		Size					
		2" (51 mm)	2 1/2" (65 mm)	3/3 1/2" (75/89 mm)	4" (102 mm)	Angle	Bolt Hole
B1-S	A	2 5/8 (67 mm)	2 5/8" (67 mm)	2 7/8" (73 mm)	-	-	4 (8 on 2")
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	168.60	190.60	248.60	-	-	-
B1-SX	A	-	2 5/8" (67 mm)	-	-	-	4 slots
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	250.20	-	-	-	-
+++ B4-S	A	-	2 5/8" (67 mm)	2 7/8" (73 mm)	-	-	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	264.60	Non-Standard	-	-	-
B5-S	A	-	4 1/2" (114 mm)	-	-	-	4 3/8" (111 mm)
	A	-	-	4 1/2" (114 mm)	-	-	4 slots
	B	-	-	-	-	-	-
	List Price - US Dollars	-	218.60	376.00	-	-	-
+++ B6-S	A	-	6" (152 mm)	-	-	-	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	246.00	-	-	-	-
+++ B7-S	A	-	5" (127 mm)	-	-	-	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	Non-Standard	-	-	-	-
B3-SH	A	-	-	13/16"-1 11/32 (2.1-34 mm)	-	4°	4
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	-	-	441.70	-	-	-

Pump Flange Adapters (Waterous Pump Use)

Style		Size						
		2" (51 mm)	2 1/2 " (65 mm)	3/3 1/2" (75/89 mm)	4" (102 mm)	Angle	Bolt Hole	Bolt CIR. DIA.
B3-SH (4")	A	-	-	-	2" Total (51 mm)	4°	4	7 25/32" (198 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	-	Non-Standard	-	-	-
+ B2-SW	A	-	-	2 7/8" (73 mm)	-	26°	8	5 1/2" (140 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	449.80	-	-	-	-
B3-SW	A	-	-	3 1/8" (79 mm)	-	4°	8	5 1/2" (140 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	335.80	-	-	-	-
B8-SW	A	-	-	-	4" (102 mm)	-	8	5 1/2" (140 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	-	511.40	-	-	-
+++ B1-SEW	A	-	-	2 7/8 (73 mm)	-	-	8	5 1/2" (140 mm)
	List Price - US Dollars	-	-	334.80	-	-	-	-
WDE1-S	A	-	-	4 9/16" (112 mm)	-	90°	8	5 1/2" (140 mm)
	B	-	-	4 5/16" (110 mm)	-	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	Non-Standard	-	-	-	-
WDE94-S	A	-	-	-	9 1/2" (241 mm)	94°	8	5 1/2" (140 mm)
	B	-	-	-	5" (127 mm)	-	-	-
	C	-	-	-	-	-	-	-
	List Price - US Dollars	-	-	-	Non-Standard	-	-	-

Pump Flange Adapters General Use

Style		Size					
		2" (51 mm)	3"/3 1/2" (75/89 mm)	4" (102 mm)	Angle	Bolt Hole	Bolt CIR. DIA.
+++ DE1-S	A	3 3/4" (95 mm)	-	-	90°	8	4 3/8" (111 mm)
	B	4 13/16" (122 mm)	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	308.90	-	-	-	-	-
+++ DE2-S	A	3 3/4" (95 mm)	-	-	90°	8	4 3/8" (111 mm)
	B	5 1/2" (140 mm)	-	-	-	-	-
	C	-	-	-	-	-	-
	List Price - US Dollars	338.80	-	-	-	-	-
KEY			KEY				
*			1/4" (6.4 mm) and 3/4" (19 mm) NPT taps				
**			(2) 3/4" (19 mm) NPT taps				
***			3/4" (19 mm) NPT tap				
†			30° Angle				
††			90° Angle				
			+				
			++				
			+++				
			#				
			4 hole flanges with 4 3/8" (111 mm) BC - for spacing				
			◇				
			3) 3/4" (19 mm) NPT Taps				

Butterfly Valves (List Price - US Dollars)

Style	Size	Length	Weight	Manual Handle	With Adpts	Electric*		Handwheel		Air Actuator	
						With Adpts	Less Adpts	With Adpts	Less Adpts	With Adpts	Less Adpts
7940	4" (102 mm)	9 1/2" (241 mm)	21 1/4 (9.6 kg)	2,504.00	4,750.00	3,948.00	3,998.00	4,384.00	3,582.00		
7945	4 1/2" (114 mm)	9 3/4" (248 mm)	27 1/4 (12.7 kg)	3,058.00	5,206.00	-	4,552.00	-	4,840.00	-	-
7950	5" (127 mm)	10" (254 mm)	28 1/2 (12.9 kg)	3,014.00	5,260.00	4,224.00	4,508.00	3,472.00	4,894.00	3,858.00	
7960	6" (152 mm)	10" (254 mm)	35 1/2 (16.1 kg)	3,392.00	5,638.00	4,552.00	4,886.00	3,800.00	5,272.00	4,186.00	

Add on (all sizes):

1/4" Bleeder - P/N 785027:  
3/4" Drain - P/N 00040001:

18.00  
292.00

\*See Styles 9327, 9333 and 9335 for Valve Controller options

# **Akron Brass Company**

## **General Terms and Conditions of Sale**

### **Quotations and Proposals**

Unless and except to the extent specially stated otherwise in the applicable quotation or proposal or of the applicable purchase order acceptance:

- All quotations and proposals issued by Akron Brass Company or any of its divisions ("Seller"), all purchase order acceptances by Seller, and all sale transactions by Seller are always upon and subject to these General Terms and Conditions of Sale, and no different, additional, conflicting or inconsistent terms and conditions set forth or referenced in any purchase order shall apply.
- Quotations and proposals issued by Seller are not binding and may be revoked or modified by Seller at any time and, if not earlier revoked, will expire 60 days after the date of issuance.
- All amounts are in US Dollars.

### **Orders**

All orders must contain the following information at a minimum:

- Purchaser Name and Address
- Purchaser Contact Name, Email Address, and Telephone Number
- Purchaser Purchase Order Number
- Seller Part Number
- Item Description
- Item Quantity
- Item Price
- Requested Delivery Date (Date of Receipt at Purchaser's Location)
- All logistics information required for processing and shipment

Export orders must also contain the following information (if known):

- Country of Ultimate Destination
- End User Contact Name, Email Address or Fax Number, and Telephone Number

If an order is submitted in response to a specific quotation or proposal issued by Seller: (i) the quotation or proposal must be referenced in the order, and (ii) the order must state that it is submitted pursuant to such quotation or proposal and is under and subject to all of the terms and conditions of such quotation or proposal, including, unless and except to the extent specifically stated otherwise in such quotation or proposal, these General Terms and Conditions of Sale.

Orders for non-catalog items or special order items may have minimum purchase quantity requirements. Purchaser will be advised of any minimum purchase quantity requirements at the time the order is placed.

Orders for items sold in packaged quantities must be for the full packaged quantity.

All orders are subject to acceptance by Seller, and Seller shall have no obligation under any order unless and until the same is accepted by Seller and a confirmation of acceptance has been issued to Purchaser. To be effective, a confirmation of acceptance must be given in writing or by fax, email or other electronic media.

Unless and except to the extent specifically stated otherwise in Seller's confirmation of acceptance of an order or, if an order is submitted in response to a specific quotation or proposal issued by Seller, as specifically stated otherwise in such proposal or quotation, Seller's acceptance of an order shall always be upon and subject to these General Terms and Conditions of Sale, and any different or additional terms and conditions set forth or referenced in Purchaser's order or otherwise are rejected and shall not apply.

*Seller shall have the right to refuse to accept any order for any reason. Without in any way limiting Seller's right to refuse to accept an order, Seller will accept orders only from approved Purchasers who are in good standing.*

Price sheets and other Seller literature are not offers to sell by Seller.

The minimum order value is US\$50.00. A US\$20.00 Shipping and Handling fee will be assessed on any order less than US\$100.00. Orders under US\$50.00 will not be accepted or processed.

### **Order Cancellations**

A request to delay or change shipment after an item has been scheduled for production or shipment may result in a price increase and/or additional charges, including warehousing and rescheduling charges. If the requested delay or change in shipment exceeds 90 days, the request may be treated as a request for cancellation.

All requests to cancel an order must be submitted to Seller in writing.

Seller normally permits orders for catalog items in standard quantities to be cancelled at any time prior to shipment without penalty. Orders for non-catalog items, custom-configured and other special order items may be canceled only upon payment of a cancellation charge as determined by Seller. The cancellation charge may include production cost, engineering expense, selling expense, a reasonable amount for overhead, and a reasonable amount for profit. If an order includes items to special specifications or sizes or of types not in general production, the cancellation charge will include payment for all special work. The minimum cancellation charge is the greater of 25% of the order value or US\$100.00.

### **Shipping and Dimensions, Sizes and Weights**

Scheduled shipping dates are approximate only and not guaranteed and are subject to timely receipt of all necessary information and documentation from Purchaser.

Unless and except to the extent an order expressly states on its face that no partial shipments are allowed and/or that no early shipments are allowed, Seller shall have the right to make partial shipments and to make shipments prior to the scheduled ship date on the order confirmation.

The delivery term for all orders is FCA (Incoterms 2010) shipping dock at Seller's facility from which the items ordered are supplied (either 343 Venture Blvd., Wooster, OH 44691, USA; 607 NW 27<sup>th</sup> Ave., Ocala, FL 34475, USA; 3656 Paragon Drive, Columbus, OH 43228, USA; or 1736 Westbelt Drive, Columbus, OH 43228, USA).

Seller shall have the right to designate carrier and routing whenever freight is allowed. Where freight is not allowed, Purchaser's designated carriers will be used where practical; provided, however, that Seller has the right to designate other carriers and routing to the extent Seller deems necessary or appropriate. Where freight is not allowed, the freight charge will be prepaid and added to the invoice.

Prices include standard packaging and packing only. Any special packaging or packing requested by Purchaser shall result in additional charges.

Published dimensions, sizes and weights are approximate only and are not guaranteed.

Certified dimension drawings of an item may be obtained from Seller at US\$50 per set.

*Seller shall have the right to refuse to ship items to any person or entity or any destination or for any use that it believes to be unlawful.*

## Pricing and Payment Terms

All orders shall be Cash-In-Advance, Pre-Pay unless other credit terms are established in writing with Seller.

Unless specifically stated otherwise in a written Special Pricing Notification (SPN) published by Seller:

- All prices are in US Dollars, and all payments are to be made in US Dollars
- All prices are FCA (Incoterms 2010) shipping dock at Seller's facility from which the items ordered are supplied. (either 343 Venture Blvd., Wooster, OH 44691, USA; 607 NW 27<sup>th</sup> Ave., Ocala, FL 34475, USA; 3656 Paragon Drive, Columbus, OH 43228, USA; or 1736 Westbelt Drive, Columbus, OH 43228, USA ).
- All prices shall be based on Purchaser's standard discount and Seller's published price list in effect on the date the order is placed. List prices are subject to change without notice. If an order has a requested shipment date for any item that is more than 90 days after the order is placed, Seller reserves the right to revise pricing for the item.
- For Purchasers with prior credit approval, the standard payment term for the price of items and other amounts payable by Purchaser shall be net 30 days from date of invoice so long as Purchaser's account balance is within its approved credit limit. Seller reserves the right to review and revoke a Purchaser's credit approval and/or modify a Purchaser's credit limit at any time.
- For a Purchaser without prior credit approval or whose account balance exceeds its credit limit, at Seller's discretion, the standard payment term for the price of items and other amounts payable by Purchaser shall be payment in full with submission of order.
- Acceptance of payment by credit card shall be at Seller's discretion. If credit card payment is accepted, Seller may impose a processing fee.

No order shall be accepted that reflects prices or payment in any currency other than US Dollars, pricing that differs from Purchaser's standard discount or Seller's published price list in effect on the date the order is placed, a delivery term that differs from the applicable standard delivery term, or a payment term that differs from the applicable standard payment term, unless accompanied by a copy of a duly signed written quotation or proposal to Purchaser or a Special Pricing Notification (SPN) published by Seller reflecting such different currency, pricing, delivery term or payment term.

Unless specifically stated otherwise in a Special Pricing Notification (SPN), all SPNs may be revoked or modified by Seller at any time and, if not earlier revoked, will expire 60 days after the date of publication.

Invoices may be issued at any time after shipment. Partial shipment may be invoiced as the partial shipments are made.

Interest at the rate of 1.5 % per month may be charged on all overdue amounts.

If Purchaser's account with Seller or any other IDEX Unit should become past due or, in the judgment of Seller, Purchaser's financial condition does not justify continuance of production or shipment on the applicable payment terms, Seller may, at its sole discretion, suspend production or shipment and require full or partial payment in advance of production or shipment.

In the event Seller has completed and prepared items for shipment and shipment is delayed by Purchaser for any reason, Seller may invoice Purchaser as if shipment had been made and the amount invoiced shall be due and payable as if shipment had been made. After invoice, items held by Seller as a result of a delay in shipment by Purchaser shall be held at the risk and expense of Purchaser.

## **Title and Risks**

Seller will cease to have any responsibility for items and title and all risk of loss or damage to items shall pass to Purchaser in accordance with the applicable delivery term.

Purchaser should make a visual inspection of shipping containers and packages for obvious damage before "signing off" on the carrier's receipt. If damage is noted, it should be so indicated on the carrier's receipt before acceptance. Lack of damage to the outside of a shipping container or package does not guarantee undamaged contents. Purchaser should open shipping containers and packages and inspect contents promptly after receipt. If contents are damaged, Purchaser should contact the carrier immediately. If contents do not match the order, Purchaser must notify Seller immediately.

Any shortages or order differences reported to Seller more than 30 days after shipment or 10 days after receipt will not be eligible for return, replacement or adjustment by Seller.

## **Returns**

Seller will not consider requests for credit returns made more than 120 days after the date of shipment. No credit returns shall be accepted by Seller unless accompanied by a Return Materials Authorization (RMA) issued by Seller. Seller shall have no obligation to issue an RMA. In order to be returnable for credit, items must be standard items that are new, unused, the same as items currently being offered for sale by Seller, and in their original packaging with all associated documents, including user manuals. Items which are no longer available, discontinued, obsolete, or special order/production, or otherwise deemed not returnable will not be accepted for return. Seller reserves the sole right to determine the returnability of items for credit.

Items which are received in non-returnable condition for credit will be handled in one of the following ways:

- Destroyed with Purchaser's approval
- Returned to Purchaser at its expense
- Refurbished and returned to Purchaser at its expense with its approval
- Partial credit issued to Purchaser at the sole discretion of Seller

Seller will have no responsibility or liability in connection with items returned for credit without an RMA. Credit returns arriving without a valid RMA may be refused. All items returned must be properly packed and identified in accordance with the RMA.

All costs and expenses associated with credit returns shall be borne by Purchaser. Return costs and expenses may include labor, material, administrative, and any other costs and expenses arising out of the return. A minimum 20% restocking charge may be assessed on all credit returns. Any credit will be subject to and conditioned the receipt of the returned items in new, unused, undamaged and saleable condition.

Seller may accept a credit return and waive the restocking or cancellation fee in the event Seller determines that the return was due to an error that was the fault of Seller.

Returns for repair do not require an RMA, but should be registered using the Akron Brass Company website at <http://onlinerepair.akronbrass.com/>. The website includes Seller's repair terms and conditions and allows a return repair packing list and address label to be printed and progress of the repair to be tracked. If use of the website is not possible, information concerning repairs can be obtained by calling the Seller's Customer Care Team at 1-800-228-1161 or writing to Seller at Akron Brass Company, 343 Venture Blvd., Wooster, OH 44691, USA. Repair returns may be subject to a repair estimate fee that will be waived if the repair is made.

All credit and repair returns are at Purchaser's or its customer's sole risk and expense, and any shipping charges on returned items shall be paid by Purchaser or its customer. No collect shipments will be accepted unless authorized in writing in advance by Seller.



## **Designs, Materials, Components and Discontinuance**

Seller may make changes and modifications to the design of any item at any time without affecting any order or making the same changes and modifications to any previously produced or sold item. Actual items shipped may vary in design, look or content from items shown in catalogs, advertisements or other literature. Seller may substitute materials, components and parts for any item at any time without affecting any order or making the same changes and modifications to any previously produced or sold item. Seller may discontinue the production and sale of any item at any time without incurring any liability or obligation in connection with any order or any previously produced or sold item.

## **Taxes**

Purchaser shall pay all sales, use, value added and other taxes, all duties and tariffs, and all other amounts payable to any governmental authority, whether or not presently in effect, imposed upon or payable with respect to the manufacture, sale, transportation, possession, use or delivery of any item purchased by Purchaser, except that Purchaser shall not be required to pay any tax imposed upon or measured by the income of Seller. In the event Seller should pay any tax, duty or tariff, or other amount that is Purchaser's responsibility, Purchaser shall promptly reimburse Seller for such tax, duty or tariff, or other amount on demand.

Any claim by Purchaser that an order is not subject to tax, duty or tariff, or other amount payable to a governmental authority must be supported by an appropriate exemption certificate or other documentation acceptable to tax and custom authorities. Unless a current copy of an appropriate tax exemption certificate or other acceptable documentation is on file at Seller, all such documentation must be submitted to Seller with the order.

## **Installation, Operation and Maintenance**

Seller's installation, operation, and maintenance instructions assume the existence of normal factors and conditions and do not allow for any special factors or conditions that may exist during actual use. Purchaser shall be responsible for ensuring that only properly trained and qualified personnel install, operate and maintain items products purchased from Seller.

## **Warranty**

Products are warranted in accordance with and subject to terms and conditions of Seller's standard Warranty Statement in effect on the date the applicable order is submitted, which standard Warranty Statement is incorporated herein and made a part hereof by this reference.

Seller's standard Warranty Statement is posted on the Akron Brass Company website at [www.akronbrass.com/customer-support-warranty/](http://www.akronbrass.com/customer-support-warranty/). A copy of Seller's standard Warranty Statement may also be obtained by calling Seller's Customer Care team at 1-844-288-6679 or writing to Seller at Akron Brass Company, 343 Venture Blvd., Wooster, OH 44691, USA.

## **Liability Limitations**

TO THE MAXIMUM EXTENT PERMITTED BY LAW, UNDER NO CIRCUMSTANCES SHALL SELLER HAVE (I) ANY LIABILITY TO PURCHASER, ANY USER OR ANY OTHER PERSON OR ENTITY FOR ANY CLAIM, LOSS, DAMAGE, INJURY, LIABILITY, OBLIGATION, COST OR EXPENSE THAT DIRECTLY OR INDIRECTLY RELATES TO OR ARISES OUT OF THE USE OR FAILURE OF ANY PRODUCT, PART OR OTHER ITEM SOLD BY SELLER OTHER THAN AS SET FORTH IN SELLER'S STANDARD WARRANTY IN EFFECT ON THE DATE THE APPLICABLE ORDER IS SUBMITTED OR (II) ANY LIABILITY FOR INDIRECT, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF SALES, LOSS OF PROFITS, DOWN TIME, LOSS OF PRODUCTION, LOSS OF CONTRACTS, OR DAMAGE TO REPUTATION OR GOOD WILL, WHETHER OR NOT SELLER WAS AWARE OF OR ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

IN ANY EVENT, TO THE MAXIMUM EXTENT PERMITTED BY LAW, SELLER'S LIABILITY IN CONNECTION WITH ANY PARTICULAR PRODUCT, PART OR OTHER ITEM SHALL BE LIMITED TO THE ORIGINAL PRICE PAID TO SELLER BY PURCHASER FOR SUCH PRODUCT, PART OR OTHER ITEM.

## **Nuclear Exclusion**

PRODUCTS, PARTS AND OTHER ITEMS SUPPLIED BY SELLER ARE "COMMERCIAL GRADE ITEMS" AND MAY NOT BE USED FOR ANY "SAFETY RELATED" PURPOSE, APPLICATION OR FUNCTION AT ANY NUCLEAR POWER PLANT OR OTHER NUCLEAR FACILITY.

## **Resale or Transfer**

If Purchaser resells or transfers any products, parts or other items supplied by Seller (whether sold or transferred in the form provided by Seller or in a modified form or as a component or part of or in connection with other goods or services):

- All warranties, liabilities and obligations in connection with the resale or transfer of such products, parts or other items shall be the sole responsibility, liability and obligation of Purchaser.
- Purchaser shall be solely responsible for determining whether such products, parts or other items conform to and comply with all specifications and technical, commercial, quality, legal and regulatory standards and requirements that may apply in connection with the resale or transfer of such products, parts or other items.
- Purchaser shall be solely responsible for ensuring that such products, parts or other items are fit and appropriate for the purposes, applications and functions for which they may be used after resale or transfer.

## **Export Controls**

Products, parts and other items sold by Seller and related technical information, data, documents and materials are subject to export controls under U.S. Export Administration Regulations and U.S. Department of the Treasury embargo regulations. Purchaser shall strictly comply with all such export controls, shall fully cooperate with Seller in any official or unofficial investigation, audit or inspection that relates to any of such controls, and shall not export, re-export, divert or transfer, directly or indirectly, any product, part or other item sold by Seller or related technical information, data, documents or materials to any party on any U.S. denied party list or destination subject to an embargo or for any use that is otherwise prohibited pursuant to such controls, unless and until Purchaser obtain all required U.S. governmental and regulatory approvals, authorizations and licenses.

**Akron Brass Company**  
**343 Venture Blvd.**  
**Wooster, OH 44691**  
**USA**  
[www.akronbrass.com](http://www.akronbrass.com)