

JUMBO SHORT BALL INTAKE VALVE

AP Series - TFT's Jumbo Small Ball Intake Valve has a huge 5-¼ inch diameter waterway giving low friction loss to maximize flow. Friction loss is 3 psi at 2000 gpm. Designed for use with 3.5, 4, 4.5, 5 or 6 inch (89, 100, 115, 125, or 150 mm) hose. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 250 psi (17 bar). Meets 900 psi (62 bar) hydrostatic strength test. The aluminum castings are hardcoat anodized, and TFT-powder coat finished inside and out for maximum corrosion protection. All the components on the wet side of the valve are made of stainless steel for additional corrosion protection. The handwheel needs 7-½ turns to close, meeting NFPA slow close requirements. There is a unique position indicator that shows the operator if the valve is open, closed or somewhere in between. The handwheel is installed on the right side of the valve, but can be switched to the left side if desired. The unit comes equipped with a rugged 3/4-inch (19mm) drain valve to quickly drain water from the valve housing. A port for an optional air bleed valve is incorporated into the design for user friendly configurability. Hose coupling and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Includes TFT's adjustable pressure relief valve with a discharge that can be directed one of four ways and meets NFPA 1901. Contact TFT customer service for configurations not shown. Cap lanyard anchor point is standard. Pressure Loss Chart located at the end of catalog.

Dimensional Maximum

AP1SX-NX
 32.0 lb (14.5 kg)
 17.4" (44.2 cm) Height
 13.4" (34.0 cm) Width
 12.9" (32.8 cm) Depth

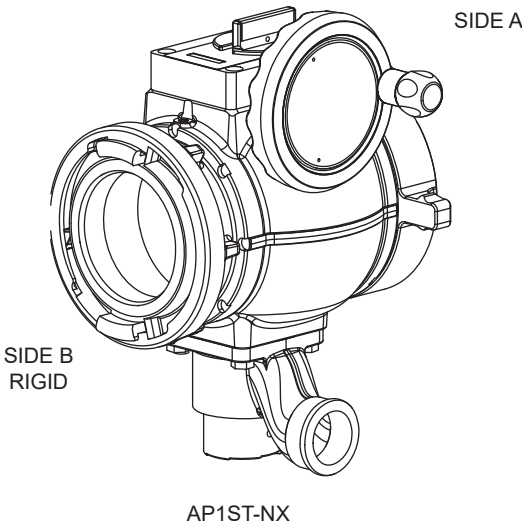
Jumbo Short Ball Intake Valve - Your Choice

\$2550.00

To add an additional Vent/Drain for the BIV or Jumbo BIV order A1621-KIT. See page 216



For additional air bleed during operation, simply install a bleed valve with 3/4" NPT inlet. A bleed valve can be purchased if desired.

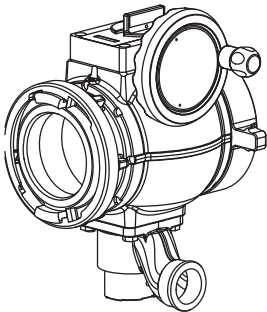
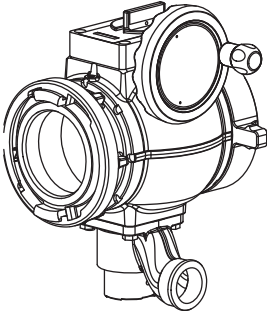
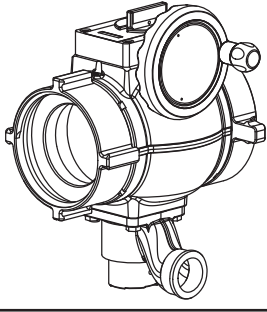
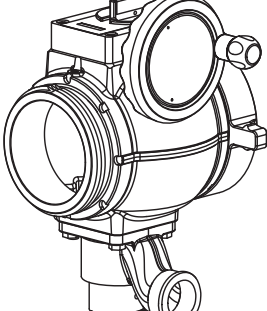


Adapters for 4 or 4 1/2 inch (100 or 115 mm) pump inlets.

	4.00" (100.0mm) Pump Inlet Adapter	4.50" (110.0mm) Pump Inlet Adapter
6" Threaded Male	AA9NX-NP \$140.00	AA9NX-NR \$140.00

Storz couplings are shipped with a pressure gasket installed. A suction gasket is available upon request for drafting operations.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

Side B		Side A	
AP		—	
1SP) 4.0" Rigid Storz 1ST) 5.0" Ridgd Storz 1SX) 6.0" Rigid Storz		NX) 6.0" Threaded Swivel NY) 8.0" Threaded Swivel	
3SP) 4.0" Swivel Storz 3ST) 5.0" Swivel Storz 3SX) 6.0" Swivel Storz			
7NN) 3.5" Threaded Swivel 7NP) 4.0" Threaded Swivel 7NR) 4.5" Threaded Swivel 7NT) 5.0" Threaded Swivel			
8NP) 4.0" Male Threaded Rigid 8NR) 4.5" Male Threaded Rigid 8NT) 5.0" Male Threaded Rigid 8NX) 6.0" Male Threaded Rigid			

AP		-	
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(Choose Side A/Side B suffix from table)
Example: A 4.0" Rocker lug Female Swivel on Side B
to a 6.0" NH Female Swivel on Side A would be

AP	7	N	P	-	N	X
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JUMBO SHORT BALL INTAKE VALVE

AQ Series - TFT's Jumbo Short Ball Intake Valve has a huge 5-¼ inch diameter waterway giving low friction loss to maximize flow. Friction loss is 3 psi at 2000 gpm. Designed for use with 3.5, 4, 4.5, 5 or 6 inch (89, 100, 115, 125, or 150 mm) hose. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 250 psi (17 bar). Meets 900 psi (62 bar) hydrostatic strength test. The aluminum castings are hardcoat anodized, and TFT-powder coat finished inside and out for maximum corrosion protection. All the components on the wet side of the valve are made of stainless steel for additional corrosion protection. The handwheel needs 7-½ turns to close, meeting NFPA slow close requirements. There is a unique position indicator that shows the operator if the valve is open, closed or somewhere in between. The handwheel is installed on the right side of the valve, but can be switched to the left side if desired. The unit comes equipped with a rugged ¾-inch (19mm) drain valve to quickly drain water from the valve housing. A port for an optional air bleed valve is incorporated into the design for user friendly configurability. Hose coupling and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Does not include pressure relief valve. Opening for optional pressure relief valve is capped. Contact TFT customer service for configurations not shown. Cap lanyard anchor point is standard. Pressure Loss Chart located at the end of catalog.

Dimensional Maximum
AQ1SX-NX
 30.3 lb (13.7 kg)
 13.9" (35.3 cm) Height
 13.4" (34.0 cm) Width
 12.9" (32.8 cm) Depth

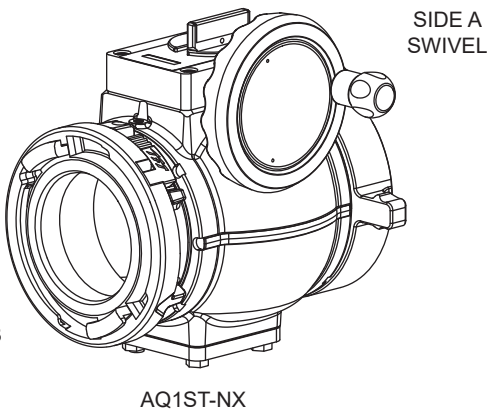
Jumbo Short Ball Intake Valve - Your Choice

\$2270.00

To add an additional Vent/Drain for the BIV or Jumbo BIV order A1621-KIT. See page 216



For additional air bleed during operation, simply install a bleed valve with ¾" NPT inlet. A bleed valve can be purchased if desired.

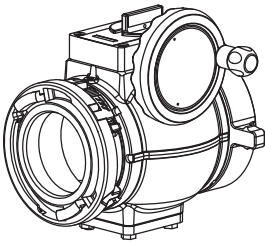
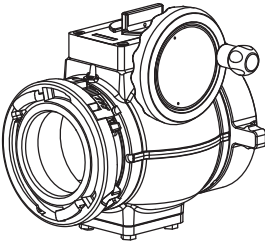
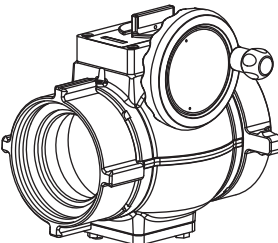
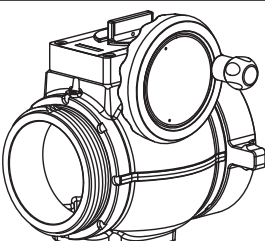


Adapters for 4 or 4 1/2 inch (100 or 115 mm) pump inlets.

	4.00" (100.0mm) Pump Inlet Adapter	4.50" (110.0mm) Pump Inlet Adapter
6" Threaded Male	AA9NX-NP \$140.00	AA9NX-NR \$140.00

Storz couplings are shipped with a pressure gasket installed. A suction gasket is available upon request for drafting operations.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

Side B		Side A	
AQ		—	
1SP) 4.0" Rigid Storz 1ST) 5.0" Rigid Storz 1SX) 6.0" Rigid Storz		NX) 6.0" Threaded Swivel NY) 8.0" Threaded Swivel	
3SP) 4.0" Swivel Storz 3ST) 5.0" Swivel Storz 3SX) 6.0" Swivel Storz			
7NN) 3.5" Threaded Swivel 7NP) 4.0" Threaded Swivel 7NR) 4.5" Threaded Swivel 7NT) 5.0" Threaded Swivel			
8NP) 4.0" Male Threaded Rigid 8NR) 4.5" Male Threaded Rigid 8NT) 5.0" Male Threaded Rigid 8NX) 6.0" Male Threaded Rigid			

AQ

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(Choose Side A/Side B suffix from table)
Example: A 4.0" Rocker lug Female Swivel on Side B
to a 6.0" NH Female Swivel on Side A would be

AQ	7	N	P	-	N	X
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JUMBO SHORT BALL INTAKE VALVE WITH PARALLEL DRIVE SHAFT

AP Series - TFT's Jumbo Small Ball Intake Valve has a huge 5-1/4 inch diameter waterway giving low friction loss to maximize flow. Friction loss is 3 psi at 2000 gpm. Designed for use with 3.5, 4, 4.5, 5 or 6 inch (89, 100, 115, 125, or 150 mm) hose. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 250 psi (17 bar). Meets 900 psi (62 bar) hydrostatic strength test. The aluminum castings are hardcoat anodized, and TFT-powder coat finished inside and out for maximum corrosion protection. All the components on the wet side of the valve are made of stainless steel for additional corrosion protection. The handcrank needs 7-1/2 turns to close, meeting NFPA slow close requirements. There is a unique position indicator that shows the operator if the valve is open, closed or somewhere in between. The handcrank is installed with a 2-5/8" swing but may be switched to 1-5/8" if desired. The unit comes equipped with a rugged 3/4-inch (19mm) drain valve to quickly drain water from the valve housing. A port for an optional air bleed valve is incorporated into the design for user friendly configurability. Hose coupling and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Includes TFT's adjustable pressure relief valve with a discharge that can be directed one of four ways and meets NFPA 1901. Contact TFT customer service for configurations not shown. Cap lanyard anchor point is standard. Pressure Loss Chart located at the end of catalog.

Dimensional Maximum
AP1SX-NX-PS
31.0 lbs (14.0kg)
12.70" (32.3 cm) Height
14.00" (36.0 cm) Width
12.20" (31.0 cm) Depth

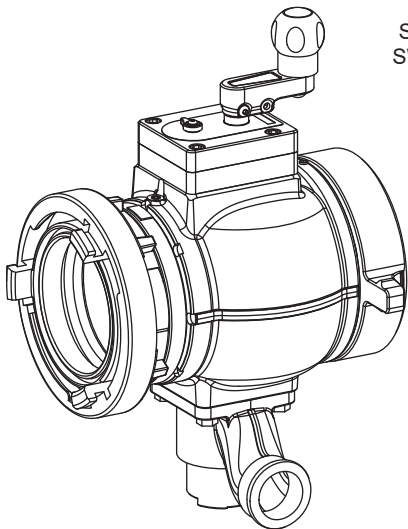
Jumbo Short Ball Intake Valve - Your Choice

\$2550.00

To add an additional Vent/Drain for the BIV or Jumbo BIV order A1621-KIT. See page 216



For additional air bleed during operation, simply install a bleed valve with 3/4" NPT inlet. A bleed valve can be purchased if desired.



SIDE A
SWIVEL

SIDE B

AQ1SX-NX-PS

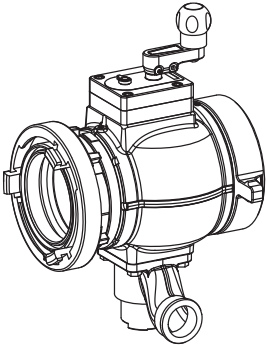
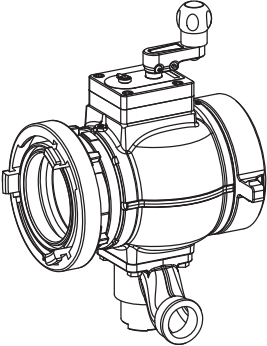
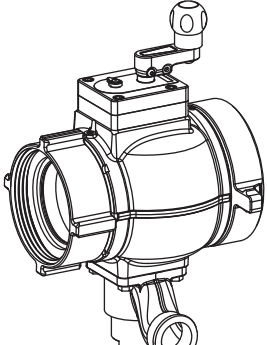
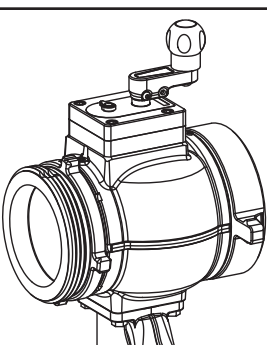
Adapters for 4 or 4 1/2 inch (100 or 115 mm) pump inlets.

	4.00" (100.0mm) Pump Inlet Adapter	4.50" (110.0mm) Pump Inlet Adapter
6" Threaded Male	AA9NX-NP \$140.00	AA9NX-NR \$140.00

Storz couplings are shipped with a pressure gasket installed. A suction gasket is available upon request for drafting operations.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

JUMBO SHORT BALL INTAKE VALVE WITH PARALLEL DRIVE SHAFT

Side B		Side A	Option
AP	—	—	PS
1SP) 4.0" Rigid Storz 1ST) 5.0" Ridgd Storz 1SX) 6.0" Rigid Storz		NX) 6.0" Threaded Swivel NY) 8.0" Threaded Swivel	PS) Parallel Shaft
3SP) 4.0" Swivel Storz 3ST) 5.0" Swivel Storz 3SX) 6.0" Swivel Storz			
7NN) 3.5" Threaded Swivel 7NP) 4.0" Threaded Swivel 7NR) 4.5" Threaded Swivel 7NT) 5.0" Threaded Swivel			
8NP) 4.0" Male Threaded Rigid 8NR) 4.5" Male Threaded Rigid 8NT) 5.0" Male Threaded Rigid 8NX) 6.0" Male Threaded Rigid			

AP		-		-	P	S
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(Choose Side A/Side B suffix from table)

Example: A 4.0" Rocker lug Female Swivel on Side B to a 6.0" NH Female Swivel on Side A would be

AP	7	N	P	-	N	X	-	P	S
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JUMBO SHORT BALL INTAKE VALVE WITH PARALLEL DRIVE SHAFT

AQ Series - TFT's Jumbo Short Ball Intake Valve has a huge 5-¼ inch diameter waterway giving low friction loss to maximize flow. Friction loss is 3 psi at 2000 gpm. Designed for use with 3.5, 4, 4.5, 5 or 6 inch (89, 100, 115, 125, or 150 mm) hose. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 250 psi (17 bar). Meets 900 psi (62 bar) hydrostatic strength test. The aluminum castings are hardcoat anodized, and TFT-powder coat finished inside and out for maximum corrosion protection. All the components on the wet side of the valve are made of stainless steel for additional corrosion protection. The handcrank needs 7-½ turns to close, meeting NFPA slow close requirements. There is a unique position indicator that shows the operator if the valve is open, closed or somewhere in between. The handcrank is installed with a 2-5/8" swing but may be switched to 1-5/8" if desired. The unit comes equipped with a rugged 3/4-inch (19mm) drain valve to quickly drain water from the valve housing. A port for an optional air bleed valve is incorporated into the design for user friendly configurability. Hose coupling and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Does not include pressure relief valve. Opening for optional pressure relief valve is capped. Contact TFT customer service for configurations not shown. Cap lanyard anchor point is standard. Pressure Loss Chart located at the end of catalog.

Dimensional Maximum
AQ1SX-NX
34.0 lbs (15.4kg)
17.75" (45.0cm) Height
14.00" (36.0cm) Width
12.20" (31.0cm) Depth

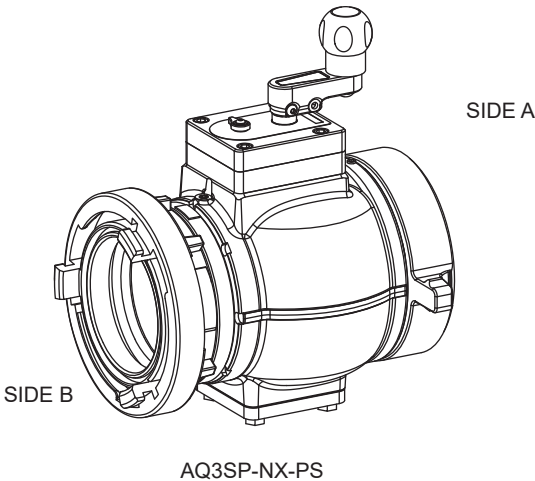
Jumbo Short Ball Intake Valve - Your Choice

\$2270.00

To add an additional Vent/Drain for the BIV or Jumbo BIV order A1621-KIT. See page 216



For additional air bleed during operation, simply install a bleed valve with 3/4" NPT inlet. A bleed valve can be purchased if desired.



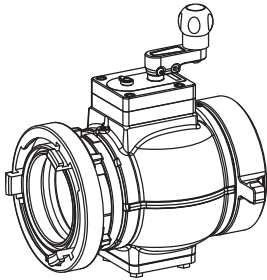
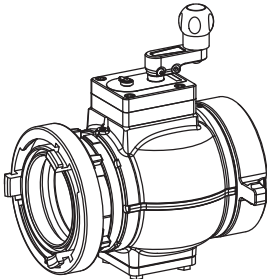
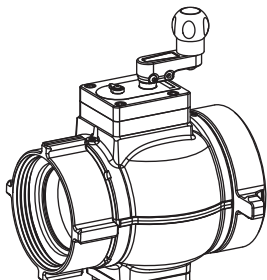
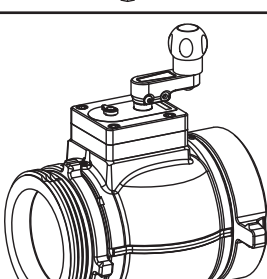
Adapters for 4 or 4 1/2 inch (100 or 115 mm) pump inlets.

	4.00" (100.0mm) Pump Inlet Adapter	4.50" (110.0mm) Pump Inlet Adapter
6" Threaded Male	AA9NX-NP \$140.00	AA9NX-NR \$140.00

Storz couplings are shipped with a pressure gasket installed. A suction gasket is available upon request for drafting operations.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

JUMBO SHORT BALL INTAKE VALVE WITH PARALLEL DRIVE SHAFT

Side B		Side A		Option	
AQ		—		—	PS
1SP) 4.0" Rigid Storz 1ST) 5.0" Rigid Storz 1SX) 6.0" Rigid Storz		NX) 6.0" Threaded Swivel NY) 8.0" Threaded Swivel		PS) Parallel Shaft	
3SP) 4.0" Swivel Storz 3ST) 5.0" Swivel Storz 3SX) 6.0" Swivel Storz		AQ - - P S (Choose Side A/Side B suffix from table) Example: A 4.0" Rocker lug Female Swivel on Side B to a 6.0" NH Female Swivel on Side A would be AP 7 N P - N X - P S			
7NN) 3.5" Threaded Swivel 7NP) 4.0" Threaded Swivel 7NR) 4.5" Threaded Swivel 7NT) 5.0" Threaded Swivel					
8NP) 4.0" Male Threaded Rigid 8NR) 4.5" Male Threaded Rigid 8NT) 5.0" Male Threaded Rigid 8NX) 6.0" Male Threaded Rigid					

JUMBO LOW PROFILE BALL INTAKE VALVE

AXD Series – TFT's Jumbo Low Profile Ball intake valve has a huge 5-1/4 inch (133 mm) diameter waterway giving low friction loss to maximize flow. Designed for use with 3.5, 4, 4.5, 5 or 6 inch (89, 100, 115, 125, or 150 mm) hose. The 30° intake elbow swivels 360°, has multiple positive detents and includes a cap lanyard anchor point. Make hose connections in any direction with minimal kinks and coupling stress. The valve is designed for pressure or vacuum service. Maximum operating pressure is 250 psi (17 bar). Meets 900 psi (62 bar) hydrostatic strength test. Seven and a half turns of the hand crank to close the valve meets NFPA slow close requirements. A reflective position indicator clearly shows the operator the valve's position. The handcrank can be specified to operate in the front or the top of the valve to maximize clearance. A rugged ¼-turn Air Vent at the top of the valve allows air to be bled quickly. TFT's adjustable Pressure Relief Valve (PRV) is installed with the discharge pointing downward and meets NFPA 1901. The aluminum castings are hardcoat anodized, and TFT powdercoat finished inside and out for maximum corrosion protection. All wetted components are aluminum alloys to prevent galvanic corrosion, and are specially coated for additional corrosion protection. Hose coupling and truck connections are attached to the valve using polymer bearing rings which can provide electrical isolation to help prevent galvanic corrosion. The Jumbo Low Profile Ball Intake Valve is covered by a 10 year warranty. Contact TFT customer service for configurations not shown. Friction loss is 5 psi at 2000 gpm; Pressure Loss Chart located at the end of catalog.



The Low Profile Jumbo Intake Value series includes a 10 year warranty against manufacturing defects and corrosion that affects the valve's operational performance.

Dimensional Maximum
AXD7HNX-NX-T
 27.5 lbs (12.5kg)
 14.7" (37.3cm) Height
 13.8" (35.1cm) Width
 11.3" (28.7cm) Depth

Any Junbo Low Profile
 Ball Intake Valve
 Your Choice

\$2425.00

Adapters for 4 or 4 1/2 inch (100 or 115 mm) pump inlets.

	4.00" (100.0mm) Pump Inlet Adapter	4.50" (110.0mm) Pump Inlet Adapter
6" Threaded Male	AA9NX-NP \$140.00	AA9NX-NR \$140.00



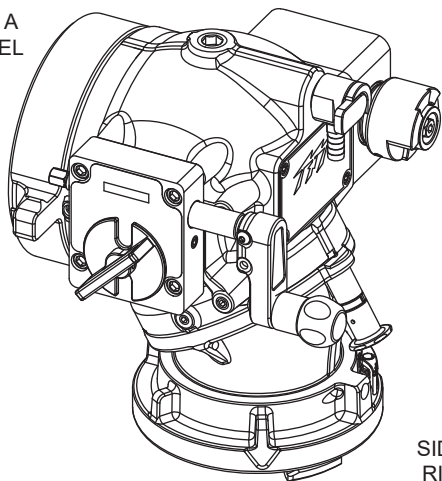
To add an additional Vent/Drain for the BIV or Jumbo BIV order A1621-KIT. See page 216

For additional air bleed during operation, simply install a bleed valve with 3/4" NPT inlet. A bleed valve can be purchased if desired.

Storz couplings are shipped with a pressure gasket installed. A suction gasket is available upon request for drafting operations.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

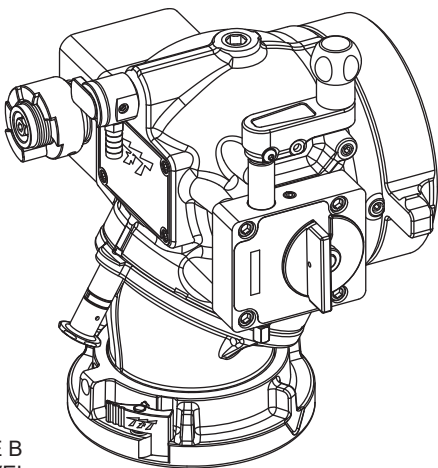
SIDE A
SWIVEL



SIDE B
RIGID

LEFT
FRONT CRANK SHOWN
AXD1ST-NX-F

SIDE A
SWIVEL



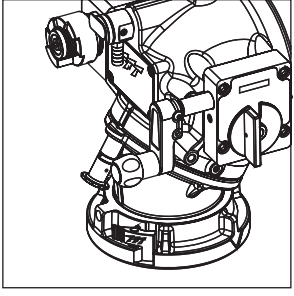
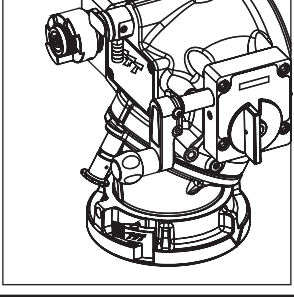
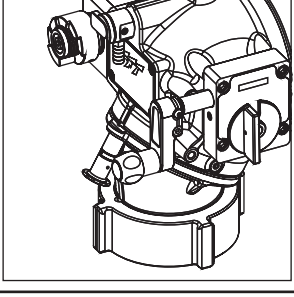
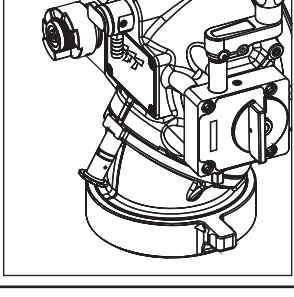
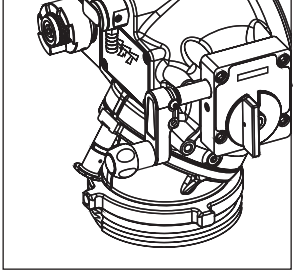
SIDE B
SWIVEL

RIGHT
TOP CRANK SHOWN
AXE3ST-NX-T

If a Pressure Relief Valve (PRV) is not required, substitute the part number prefix AXD with AZD or AXE with AZE. AZD and AZE denotes no PRV, deduct \$250 from the appropriate AXD or AXE published list price.

Pressure Relief Valve information is located on page 151.

Suction Screen information is located on page 216, under LDH service kits.

Crank Side	Side B		Side A	Crank Position
AXD) Left AXE) Right	1SP) 4.0" Rigid Storz 1ST) 5.0" Rigid Storz 1SX) 6.0" Rigid Storz		NT) 5.0" Threaded Swivel NX) 6.0" Threaded Swivel NY) 8.0" Threaded Swivel	F) Front Crank T) Top Crank
	3SP) 4.0" Swivel Storz 3ST) 5.0" Swivel Storz 3SX) 6.0" Swivel Storz			
	7NN) 3.5" Threaded Swivel 7NP) 4.0" Threaded Swivel 7NR) 4.5" Threaded Swivel 7NT) 5.0" Threaded Swivel			
	7HNP) 4.0" Threaded Swivel Handle 7HNR) 4.5" Threaded Swivel Handle 7HNT) 5.0" Threaded Swivel Handle 7HNX) 6.0" Threaded Swivel Handle			
	8NP) 4.0" Male Threaded Rigid 8NR) 4.5" Male Threaded Rigid 8NT) 5.0" Male Threaded Rigid 8NX) 6.0" Male Threaded Rigid			

AX*

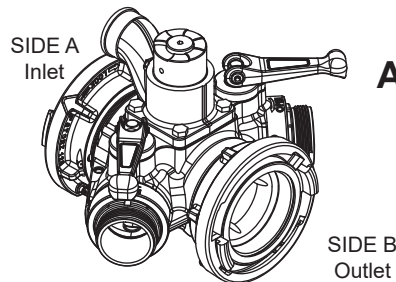
(Choose left or right, side B, side A, and crank position options from table)
Example: A Left 4.0" Rocker lug Female Swivel on Side B to a 6.0" NH Female Swivel on Side A with front crank would be

AXD	7	N	P	-	N	X	-	F
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LDH WATER THIEF

TFT's LDH Water Thief is a rugged valve with two valved discharge ports, each with a full 2 ½ inch waterway. Maximum operating pressure is 300 psi. Valve seats are field replaceable. Quarter turn valve handles with low force to move even under pressure. Automatic valve lock keeps its position while flowing at partial openings. Folding handles minimize storage space. Aluminum casting is Hardcoat anodized and silver TFT powdercoat finish inside and out for maximum corrosion protection. Optional adjustable pressure relief valve. Contact TFT customer service for configurations not shown.

Dimensional Maximum
AL12P2P1
\$1760.00
 25.0 lbs (11.3kg)
 11.50" (29.2cm) Height
 15.00" (38.1cm) Width
 15.60" (39.6cm) Depth



AL1

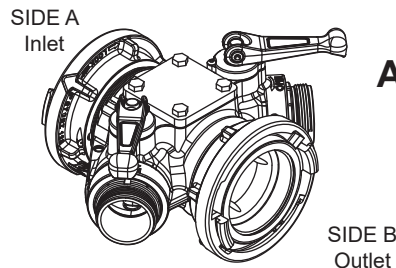
LDH WATER THIEF WITH PRV

A INLET SIDE		B OUTLET SIDE	
Inlet Type	Size	Outlet Type	Size
1) Storz Rigid	P) 4"	1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"	2) Storz Swivel	R) 4.5"
3) F Rocker Lug Swivel	T) 5"	7) Male Rigid	T) 5"
5) F Long Handle Swivel		X) 6"	

1

F = Female, Water Thief Supplied with 2.5" (65mm) Male Outlets.

Dimensional Maximum
AL12T1T0
\$1505.00
 22.0 lbs (11.3kg)
 8.75" (29.2cm) Height
 15.00" (38.1cm) Width
 15.60" (39.6cm) Depth



AL1

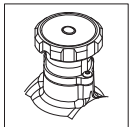
LDH WATER THIEF WITHOUT PRV

A INLET SIDE		B OUTLET SIDE	
Inlet Type	Size	Outlet Type	Size
1) Storz Rigid	P) 4"	1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"	2) Storz Swivel	R) 4.5"
3) F Rocker Lug Swivel	T) 5"	7) Male Rigid	T) 5"
5) F Long Handle Swivel		X) 6"	

0

F = Female, Water Thief Supplied with 2.5" (65mm) Male Outlets.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

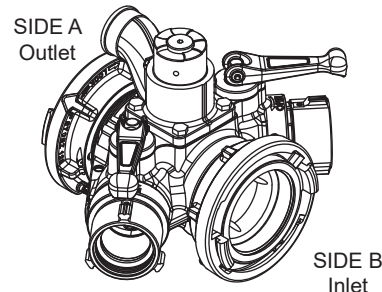


Slow Close Valve Option is available on all models. Call for additional information.

LDH SIAMESE WATER THIEF

TFT's LDH Siamese Water Thief is a rugged valve with two valved inlet ports, each with a full 2 ½ inch waterway. Maximum operating pressure is 300 psi. Valve seats are field replaceable. Quarter turn valve handles with low force to move even under pressure. Automatic valve lock keeps its position while flowing at partial openings. Folding handles minimize storage space. Aluminum casting is Hardcoat anodized and silver TFT powdercoat finish inside and out for maximum corrosion protection. Optional adjustable pressure relief valve. Contact TFT customer service for configurations not shown.

Dimensional Maximum
AL52T1T1
\$1760.00
 25.0 lbs (11.3kg)
 11.50" (29.2cm) Height
 15.00" (38.1cm) Width
 15.60" (39.6cm) Depth



AL5

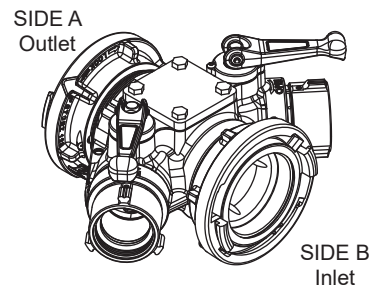
SIAMESE WATER THIEF WITH PRV

A OUTLET SIDE		B INLET SIDE	
Inlet Type	Size	Outlet Type	Size
1) Storz Rigid	P) 4"	1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"	2) Storz Swivel	R) 4.5"
7) Male Rigid	T) 5"	3) F Rocker Lug Swivel	T) 5"
		X) 6"	

1

LDH Suction Water Thief Supplied With Female 2.5" (65mm) Inlets.

Dimensional Maximum
AL52T1T0
\$1505.00
 22.0 lbs (11.3kg)
 8.75" (29.2cm) Height
 15.00" (38.1cm) Width
 15.60" (39.6cm) Depth



AL5

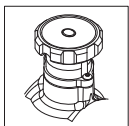
SIAMESE WATER THIEF WITHOUT PRV

A OUTLET SIDE		B INLET SIDE	
Inlet Type	Size	Outlet Type	Size
1) Storz Rigid	P) 4"	1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"	2) Storz Swivel	R) 4.5"
7) Male Rigid	T) 5"	3) F Rocker Lug Swivel	T) 5"
		X) 6"	

0

LDH Suction Water Thief Supplied With Female 2.5" (65mm) Inlets.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram



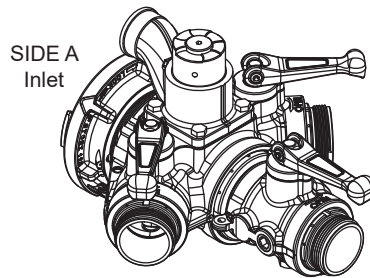
Slow Close Valve Option is available on all models. Call for additional information.

3-WAY VALVED MANIFOLD

TFT's 3-Way Valved Manifold is a rugged manifold with three 2 ½ inch valved discharge ports, each with a full 2 ½ inch waterway. Maximum operating pressure is 300 psi. Valve seats are field replaceable. Quarter turn valve handles with low force to move even under pressure. Automatic valve lock keeps its position while flowing at partial openings. Folding handles minimize storage space. Aluminum casting is Hardcoat anodized and silver TFT powdercoat finish inside and out for maximum corrosion protection. Optional adjustable pressure relief valve that meets NFPA 1901. Optional rugged ¾ inch (19mm) air bleed valve to quickly bleed air from the lines or to drain water from the valve housing. Contact TFT customer service for configurations not shown.

Dimensional Maximum AL32P1

\$2140.00
25.0 lbs (10.4kg)
11.50" (29.2cm) Height
15.00" (38.1cm) Width
17.50" (44.5cm) Depth



3-WAY MANIFOLD WITH PRV

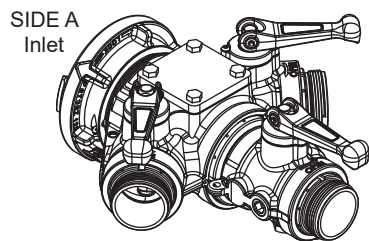
AL3

A INLET SIDE		1
Inlet Type	Size	
1) Storz Rigid	P) 4"	
2) Storz Swivel	R) 4.5"	
3) Female Rocker Lug Swivel	T) 5"	
5) Female Long Handle Swivel	X) 6"	

3-Way Manifold Supplied with 2.5" (65mm) Male Outlets.

Dimensional Maximum AL32T0

\$1885.00
23.0 lbs (9.1kg)
8.75" (22.2cm) Height
15.00" (38.1cm) Width
17.50" (44.5cm) Depth



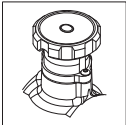
3-WAY MANIFOLD WITHOUT PRV

AL3

A INLET SIDE		0
Inlet Type	Size	
1) Storz Rigid	P) 4"	
2) Storz Swivel	R) 4.5"	
3) Female Rocker Lug Swivel	T) 5"	
5) Female Long Handle Swivel	X) 6"	

3-Way Manifold Supplied with 2.5" (65mm) Male Outlets.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram



Slow Close Valve Option is available on all models. Call for additional information.

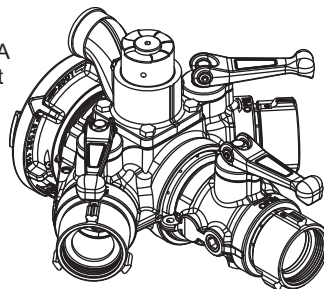
3-WAY SIAMESE MANIFOLD

TFT's 3-Way Valved Siamese Manifold is a rugged siamese manifold with three 2 ½ inch valved inlet ports, each with a full 2 ½ inch waterway. Maximum operating pressure is 300 psi. Valve seats are field replaceable. Quarter turn valve handles with low force to move even under pressure. Automatic valve lock keeps its position while flowing at partial openings. Folding handles minimize storage space. Aluminum casting is Hardcoat anodized and silver TFT powdercoat finish inside and out for maximum corrosion protection. Optional adjustable pressure relief valve that meets NFPA 1901. Optional rugged ¾ inch (19mm) air bleed valve to quickly bleed air from the lines or to drain water from the valve housing. Contact TFT customer service for configurations not shown.

Dimensional Maximum AL72T1

\$2140.00
25.0 lbs (10.4kg)
11.50" (29.2cm) Height
15.00" (38.1cm) Width
17.50" (44.5cm) Depth

SIDE A
Outlet



3-WAY SIAMESE WITH PRV

AL7

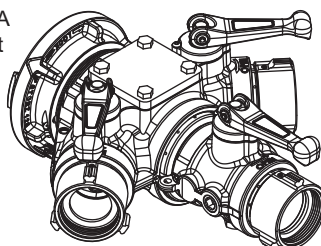
A OUTLET SIDE		1
Outlet Type	Size	
1) Storz Rigid	P) 4"	
2) Storz Swivel	R) 4.5"	
7) Male Rigid	T) 5"	
	X) 6"	

3-Way Siamese Manifold
Supplied with 2.5" (65mm)
Female Inlets.

Dimensional Maximum AL72T0

\$1885.00
23.0 lbs (9.1kg)
8.75" (22.2cm) Height
15.00" (38.1cm) Width
17.50" (44.5cm) Depth

SIDE A
Outlet

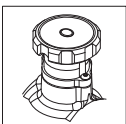


3-WAY SIAMESE WITHOUT PRV

AL7

A OUTLET SIDE		0
Outlet Type	Size	
1) Storz Rigid	P) 4"	
2) Storz Swivel	R) 4.5"	
7) Male Rigid	T) 5"	
	X) 6"	

3-Way Siamese Manifold
Supplied with 2.5" (65mm)
Female Inlets.



Slow Close Valve Option is available on all models. Call for additional information.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

4-WAY VALVED MANIFOLD

TFT's 4-Way Valved Manifold is a rugged manifold with four 2 ½ inch valved discharge ports, each with a full 2 ½ inch waterway. Maximum operating pressure is 300 psi. Valve seats are field replaceable. Quarter turn valve handles with low force to move even under pressure. Automatic valve lock keeps its position while flowing at partial openings. Folding handles minimize storage space. Aluminum casting is Hardcoat anodized and silver TFT powdercoat finish inside and out for maximum corrosion protection. Optional adjustable pressure relief valve that meets NFPA 1901. Optional rugged ¾ inch (19mm) air bleed valve to quickly bleed air from the lines or to drain water from the valve housing. Contact TFT customer service for configurations not shown.

Dimensional Maximum

AL41T1

\$2450.00

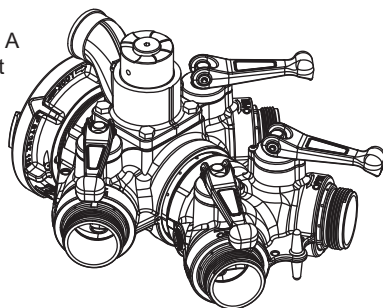
30.0 lbs (13.6kg)

11.50" (29.2cm) Height

15.00" (38.1cm) Width

17.50" (44.5cm) Depth

SIDE A
Inlet



Dimensional Maximum

AL41P0

\$2195.00

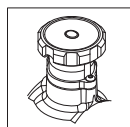
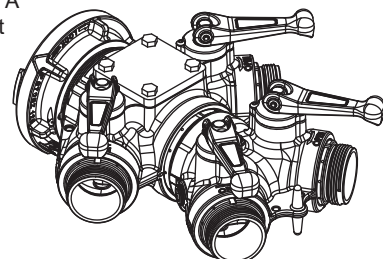
27.3 lbs (13.6kg)

8.75" (29.2cm) Height

15.00" (38.1cm) Width

17.50" (44.5cm) Depth

SIDE A
Inlet



Slow Close Valve Option is available on all models. Call for additional information.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

4-WAY MANIFOLD WITH PRV

AL4

A INLET SIDE	
Inlet Type	Size
1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"
3) Female Rocker Lug Swivel	T) 5"
5) Female Long Handle Swivel	X) 6"

1

4-Way Manifold Supplied with 2.5" (65mm) Male Outlets.

4-WAY MANIFOLD WITHOUT PRV

AL4

A INLET SIDE	
Inlet Type	Size
1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"
3) Female Rocker Lug Swivel	T) 5"
5) Female Long Handle Swivel	X) 6"

0

4-Way Manifold Supplied with 2.5" (65mm) Male Outlets.

4-WAY VALVED SIAMESE

TFT's 4-Way Valved Siamese Manifold is a rugged siamese manifold with four 2 ½ inch valved inlet ports, each with a full 2 ½ inch waterway. Maximum operating pressure is 300 psi. Valve seats are field replaceable. Quarter turn valve handles with low force to move even under pressure. Automatic valve lock keeps its position while flowing at partial openings. Folding handles minimize storage space. Aluminum casting is Hardcoat anodized and silver TFT powdercoat finish inside and out for maximum corrosion protection. Optional adjustable pressure relief valve that meets NFPA 1901. Optional rugged ¾ inch (19mm) air bleed valve to quickly bleed air from the lines or to drain water from the valve housing. Contact TFT customer service for configurations not shown.

Dimensional Maximum

AL82P1

\$2450.00

30.0 lbs (13.6kg)

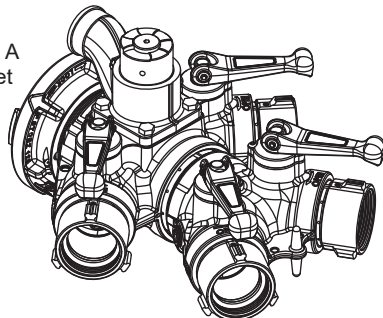
11.50" (29.2cm) Height

(with PRV and Drain)

15.00" (38.1cm) Width

17.50" (44.5cm) Depth

SIDE A
Outlet



Dimensional Maximum

AL81T0

\$2195.00

27.3 lbs (13.6kg)

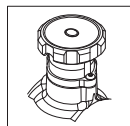
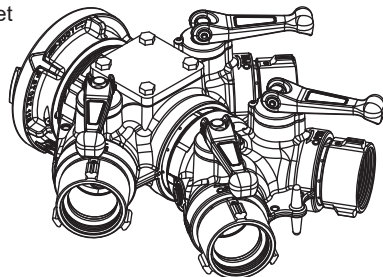
8.75" (29.2cm) Height

(no PRV or Drain)

15.00" (38.1cm) Width

17.50" (44.5cm) Depth

SIDE A
Outlet



Slow Close Valve Option is available on all models. Call for additional information.

4-WAY SIAMESE WITH PRV

AL8

A OUTLET SIDE	
Outlet Type	Size
1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"
7) Male Rigid	T) 5"
	X) 6"

1

4-Way Siamese Manifold Supplied with 2.5" (65mm) Female Inlets.

4-WAY SIAMESE WITHOUT PRV

AL8

A OUTLET SIDE	
Outlet Type	Size
1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"
7) Male Rigid	T) 5"
	X) 6"

0

4-Way Siamese Manifold Supplied with 2.5" (65mm) Female Inlets.

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

5-WAY VALVED MANIFOLD

The 5-Way Manifold is a compact, portable, low friction-loss valve that can be used in many water distribution applications. The hydraulically actuated slide valve combined with four of TFT's 2.5" quarter-turn ball valves with folding handles make for the ultimate in versatility. All four 2.5" valves can be used with or without the LDH valve being open. Valve seats are field replaceable, and quarter-turn folding valve handles require low force to move, even under pressure. The automatic valve lock on the 2.5" valves maintain valve position while flowing at partial openings. Folding handles minimize required storage space. Device includes carrying handle, a pressure gage and optional PRV. A polymer bearing ring helps prevents galvanic corrosion on LDH couplings. Storage bracket available.

Dimensional Maximum

No PRV

AL92P2P0

\$2490.00

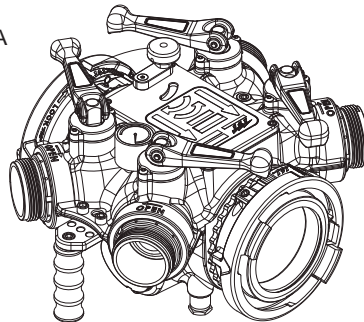
48 lb (21.8 kg)

11.5" (29.2 cm) Height

17.5" (44.5 cm) Width

16.0" (40.6 cm) Depth

SIDE A

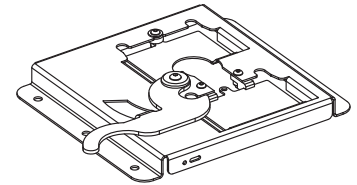


SIDE B

AU-BRACKET

\$260.00

5.5 lbs. (2.5kg)



Dimensional Maximum

With PRV

AL92T2T3

\$2745.00

51.1 lb (23.2 kg)

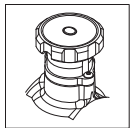
11.5" (29.2 cm) Height

17.5" (44.5 cm) Width

16.0" (40.6 cm) Depth

AL9

INLET SIDE A		OUTLET SIDE B		
TYPE	SIZE	TYPE	SIZE	PRV OPTION
1) Storz Rigid 2) Storz Swivel 3) Female Rocker Lug Full Time Swivel 4) Female Rocker Lug Non-Full Time Swivel	P) 4" R) 4.5" T) 5" X) 6"	1) Storz Rigid 2) Storz Swivel 7) Male Rigid	P) 4" R) 4.5" T) 5" X) 6"	0) NO PRV 3) 300 psi PRV



Slow Close Valve Option is available on all models. Call for additional information.

To change a 4", 5" or 6" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

LDH GATED WATER THIEF

TFT's LDH Gated Water Thief is a rugged 3.65" LDH valve with two valved discharge ports, each with a full 2.5" waterway. Maximum operating pressure is 300 psi. Valved seats are field replaceable. Slow close valves turn with low force even under pressure. Automatic valve lock keeps its position while flowing at partial openings. LDH valve meets NFPA slow close requirements. Aluminum casting is Hardcoat anodized and silver TFT powercoat finish inside and out for maximum corrosion protection. Optional adjustable pressure relief valve. Contact TFT customer service for configurations not shown.

Dimensional Maximum

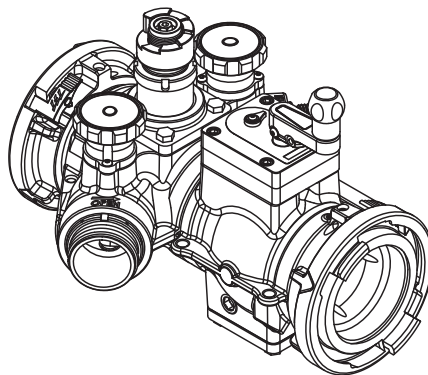
AL62T2T1

\$2510.00

45.2 lbs (20.5 kg)

13.8"H x 15.0"W x 19.6"L

(35.0 x 38.1 x 49.8 cm)



To change a 4", 5" or 6" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

AL6

SIDE A		SIDE B		PRV OPTION	2.5" TYPE
TYPE	SIZE	TYPE	SIZE		
1) Storz Rigid 2) Storz Swivel 3) Female Rocker Lug Full Time Swivel 5) Female Long Handle Swivel	P) 4" R) 4.5" T) 5"	1) Storz Rigid 2) Storz Swivel 7) Male Rigid	P) 4" R) 4.5" T) 5" X) 6"	0) NO PRV 1) PRV	M) NHM F) NHF

IN-LINE VALVE MOBILE/LOOSE or APPARATUS/FIXED

TFT's In-Line Valve is a multi-purpose valve designed for use with 3.5, 4, 4.5 or 5 inch (89, 100, 115, 125 or 150mm) hose. Maximum operating pressure is 300 psi (20 bar). Meets 900psi (62 bar) hydrostatic strength test. The aluminum casting are Hardcoat anodized, and powdercoat finished inside and out for maximum corrosion protection. The valve meets NFPA slow close requirements. Optional adjustable pressure relief valve meets NFPA 1901. Optional rugged ¾ inch (19mm) air bleed valve quickly bleeds air from the lines or drains water from the valve housing. Contact TFT customer service for configurations not shown.

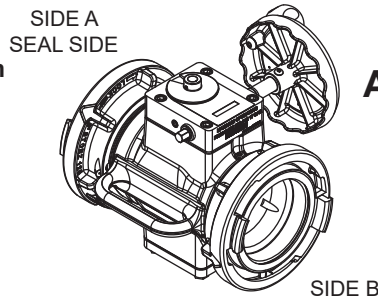
Full time swiveling inlet design makes these models ideal for use on the ground for water supply operations when the valve may need to be rotated easily after tightening.

Side A Choices: 1, 2, 3, 5 or 7

Tightening inlet design makes these models ideal for use on apparatus or fixed systems when the valve needs to retain its position after tightening.

Side A Choices: 4 or 6

Dimensional Maximum
AN2P2P01
\$1990.00
17.35 lbs (7.8kg)
9.20" (23.4cm) Height
8.60" (21.8cm) Width
10.10" (25.7cm) Depth



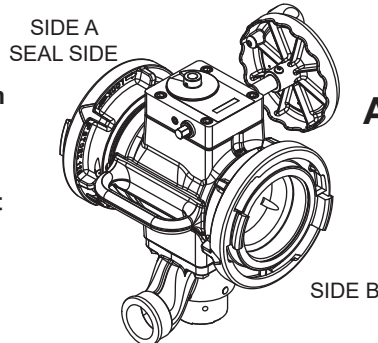
IN-LINE VALVE WITH STANDARD GEARBOX

SIDE A		SIDE B	
AN			01
Side A Type	Size	Side B Type	Size
1) Storz Rigid	P) 4"	1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"	2) Storz Swivel	R) 4.5"
3) F Rocker Lug Swivel	T) 5"	3) F Rocker Lug Swivel	T) 5"
4) Female Rocker Lug Non-Full Time Swivel		5) F Long Handle Swivel	
5) F Long Handle Swivel		7) Male Rigid	
6) F Long Handle Non-Full Time Swivel			
7) Male Rigid			

F = Female

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

Dimensional Maximum
AN2T2T31
\$2245.00
21.85 lbs (9.9kg)
15.60" (23.4cm) Height
8.60" (21.8cm) Width
10.10" (25.7cm) Depth



IN-LINE VALVE WITH STANDARD GEARBOX, PRV & DRAIN

SIDE A		SIDE B	
AN			31
Side A Type	Size	Side B Type	Size
1) Storz Rigid	P) 4"	1) Storz Rigid	P) 4"
2) Storz Swivel	R) 4.5"	2) Storz Swivel	R) 4.5"
3) F Rocker Lug Swivel	T) 5"	3) F Rocker Lug Swivel	T) 5"
4) Female Rocker Lug Non-Full Time Swivel		5) F Long Handle Swivel	
5) F Long Handle Swivel		7) Male Rigid	
6) F Long Handle Non-Full Time Swivel			
7) Male Rigid			

F = Female

To change a 4" or 5" Storz from rigid to full time swivel, back out the lockout screw until the coupling moves freely. See page 218 for diagram

Suction Screen information is located on page 216, under LDH service kits.