

GREEN Category

Apparatus Components

The GREEN category includes apparatus components that typically are related to flow and water movement and are delivered with new apparatus or commonly added as replacement components. This category includes intake valves, manifolds, wyes, siamese, and strainers, and the Crossfire monitor.

Components Included In The Category

Water thieves, gated wyes, and Intake Valves (except Remote Control versions).

Crossfires, Crossfire packages to include smooth bore tips and master stream nozzles, brackets, and stream straighteners

Jumbo Water Thieves, 3-way and 4-way Jumbo Manifolds and Siamese, 5-way Manifold, In-Line Valves and Jumbo Gated Wyes, Quarter Turn Gate Valves, Suction Strainers, and Remote Control Hydrant Master.

INTRODUCING OUR NEW COUPLING AND ADAPTER CATALOG

*Available in PDF format
at TFT.com*



Portable/Deck Gun Monitor

The CROSSFIRE monitor is the most versatile master stream appliance ever offered to the fire service. Its lightweight, compact design and unique quick-release swivel joint allow for a faster and safer stream deployment in the portable attack mode. The Safe-Tak 1250 utilizes the revolutionary, patented Safe-Tak "flow safety valve." Should the monitor lose contact with the ground surface, the Safe-Tak will automatically reduce flow to the monitor. This safety feature reduces the risk of injury from an out-of-control appliance. Monitor top and base are hardcoat anodized aluminum with a powder coat finish inside and out.

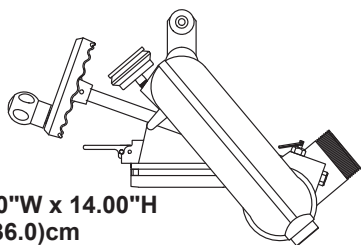
XFT-NJ

\$1900.00

17.0 lb (7.5kg)

22.00"L x 14.00"W x 14.00"H

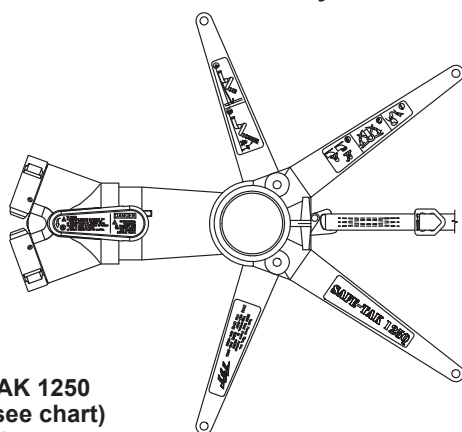
(56.0 x 36.0 x 36.0)cm



XFT-NJ CROSSFIRE MONITOR TOP 2.5"NH (65mm) OUTLET can be connected to either a portable base or a truck with the adapters on page 70 or a TFT Extend-A-Gun with XL outlet on page 139. The connection is easy, positive, and visually verified. When in use, the release is "locked out" by water pressure. The waterway is a large 3.25" (83mm) which lets the CROSSFIRE deliver up to 1250 gpm (4500 l/min) with low friction loss. Horizontal rotation is securely locked with a simple lever, and position can be visually confirmed. Only seven (7) turns of the handwheel change the discharge elbow from vertical to the stop elevation. Includes highly visible pressure gauge and built-in automatic drain valve. Standard outlet thread is male 2.5" NH (65mm).

SAFE-TAK 1250™

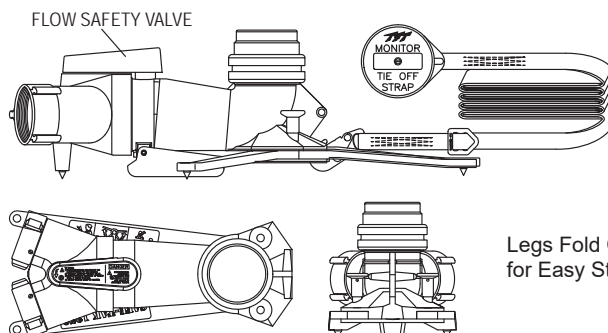
Portable Base With Safety Valve



SAFE-TAK 1250
XFH (see chart)**

\$2630.00

SAFE-TAK 1250 PORTABLE BASE WITH SAFE-TAK VALVE is supplied with either two clappered swivel inlets or with a single full-time swivel inlet. The stainless steel, carbide-tipped base support legs can be folded to easily fit inside a small apparatus compartment, or for carrying pre connected to a hose line. Includes a safety tie-down strap with attached storage cap.

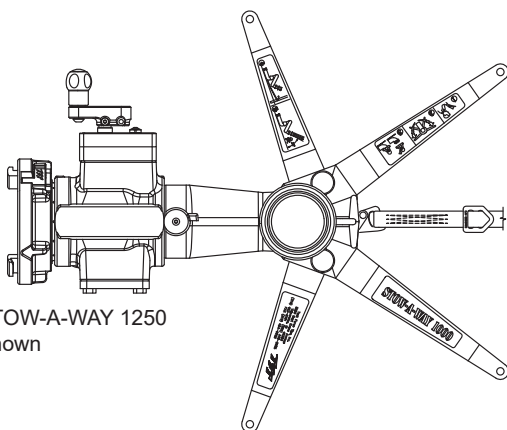


Legs Fold Completely
for Easy Storage.

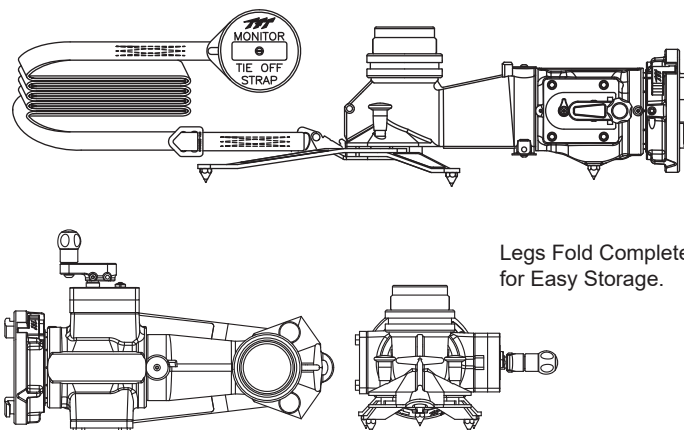
STOW-A-WAY 800
XFL (see chart)**

\$2090.00

The **STOW-A-WAY 800 PORTABLE BASE WITHOUT SAFE-TAK VALVE** is supplied with either two clappered swivel inlets or with a single full-time swivel inlet. Includes a safety tie-down strap with attached storage cap. STOW-A-WAY 800 portable base is not equipped with SAFE-TAK™ "Flow Safety Valve." Maximum recommended flow with Stow-A-Way Base in portable mode is 800 gpm (3500 l/min). Order XF500-KIT Option \$528.00 to add a flow safety valve. Weight of safety valve is 3.1 lb (1.4kg).



STOW-A-WAY 1250
Shown



Legs Fold Completely
for Easy Storage.

STOW-A-WAY 1250
VALVED BASE UNIT
XFAN. (see chart)**
\$3700.00

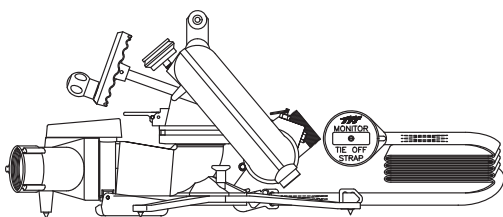
The **STOW-A-WAY 1250 PORTABLE BASE WITH VALVE** is supplied with single full-time swivel inlet. High volume/low loss valve meets NFPA slow close requirements. Includes a safety tie-down strap with attached storage cap. The stainless steel, carbide-tipped base support legs can be folded to fit inside compartments or for carrying preconnected to a hose line. STOW-A-WAY 1250 portable base is not equipped with SAFE-TAK™ "Flow Safety Valve." Maximum recommended flow with Stow-A-Way 1250 Valved Base in portable mode is 1250 gpm (4750 l/min).

PORTABLE BASE INLET CHART - Please specify inlet thread.										
Safe-Tak 1250 Model #	Stow-A-Way 800 Model #	Stow-A-Way Valved Base Unit	# Inlets	Inlet Siize	Safe-Tak 1250		Stow-A-Way 800		Valved Base Unit	
					lbs	kg	lbs	kg	lbs	kg
XFH-1NL	XFL-1NL	XFAN-1NL	1	3.0" NH (75mm)	25.4	11.5	22.3	10.1	31.4	14.2
XFH-1NN	XFL-1NN	XFAN-1NN	1	3.5" NH (90mm)	25.6	11.6	22.5	10.2	30.8	14.0
XFH-1NP	XFL-1NP	XFAN-1NP	1	4.0" NH (100mm)	26.2	11.9	23.1	10.4	31.9	14.5
XFH-1NR	XFL-1NR	XFAN-1NR	1	4.5" NH (115mm)	26.3	12.0	23.2	10.5	33.1	15.0
XFH-1SP	XFL-1SP	XFAN-1SP	1	4" Storz (100mm)	27.0	12.2	23.0	10.4	31.1	14.1
XFH-1ST	XFL-1ST	XFAN-1ST	1	5" Storz (125mm)	28.7	13.0	25.6	11.6	32.8	14.9
XFH-1SX	XFL-1SX	—	1	6" Storz (150mm)	30.4	13.7	28.2	12.7	—	—
XFH-2NJ	XFL-2NJ	—	2	2.5" NH (65mm)	23.8	10.8	20.7	9.4	—	—

Combination Packages with Safe-Tak 1250

XFC-12
\$4215.00

XFC-12NB
\$4215.00
Package does not include storage bracket



See Page 78 for Assistance in Ordering Options

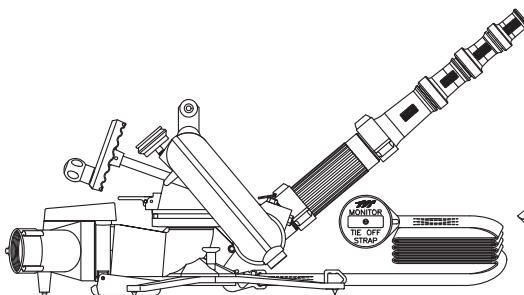
XFC-12 PACKAGE CONTAINS:

SAFE-TAK Base (Specify Inlet), CROSSFIRE Storage Bracket, CROSSFIRE Monitor Top (Specify Outlet)

SAVE Up to \$512 in package over separate purchase

XFC-42
\$4680.00

XFC-42NB
\$4680.00
Package does not include storage bracket



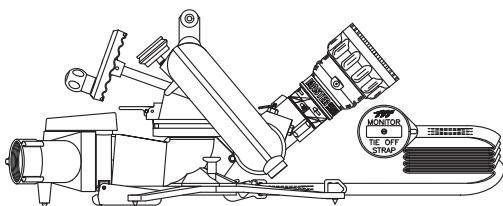
XFC-42 PACKAGE CONTAINS:

SAFE-TAK Base (Specify Inlet), CROSSFIRE Storage Bracket, CROSSFIRE Monitor Top (Specify Outlet), Quad Stack Tips (Specify Inlet), 5" or 10" (127 or 254mm) Stream Straightener (Specify Inlet & Outlet)

SAVE Up to \$1010 in package over separate purchase

XFC-32
\$4905.00

XFC-32NB
\$4905.00
Package does not include storage bracket



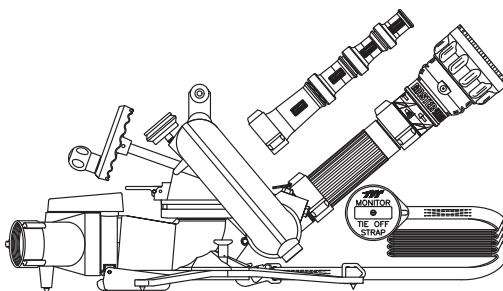
XFC-32 PACKAGE CONTAINS:

SAFE-TAK Base (Specify Inlet), CROSSFIRE Storage Bracket, CROSSFIRE Monitor Top (Specify Outlet), Any Master Stream 1000 or 1250S Nozzle, sold on page 130 (Specify Inlet)

SAVE Up to \$1200 in package over separate purchase

XFC-52
\$5510.00

XFC-52NB
\$5510.00
Package does not include storage bracket

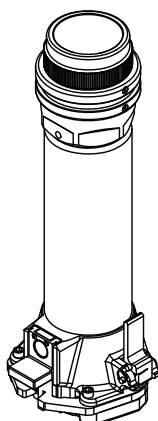


XFC-52 PACKAGE CONTAINS:

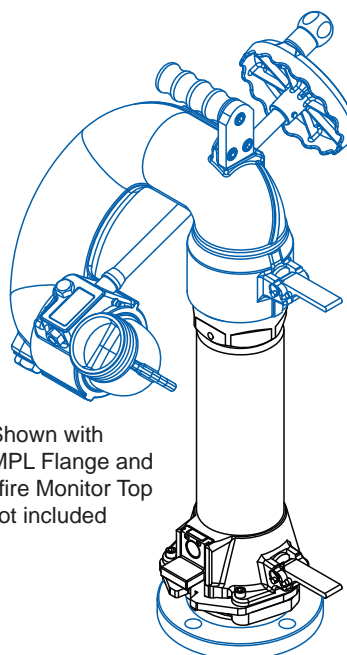
SAFE-TAK Base (Specify Inlet), CROSSFIRE Storage Bracket, CROSSFIRE Monitor Top (Specify Outlet), Any Master Stream 1000 or 1250S Nozzle, sold on page 130 (Specify Inlet), Quad Stack Tips (Specify Inlet), 5" or 10" (127 or 254mm) Stream Straightener (Specify Inlet & Outlet)

SAVE Up to \$1555 in package over separate purchase

XG18XL-XL
\$765.00
22.0 lb (10.0kg)

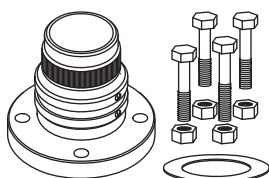


Shown with
XFF-MPL Flange and
Crossfire Monitor Top
not included



XG18XL-XL - EXTEND-A-GUN PIPE –A simple and cost effective way to easily add 16" to your Crossfire Deck gun outlet connection. Simply remove the Crossfire monitor from the existing truck mount adapter, add the Extend-A-Gun Pipe and connect the Crossfire top. Increases the field of fire by raising the Crossfire monitor to clear obstructions on the top of the apparatus. Utilizes the same quick connect features of the Crossfire monitor. Visually verifiable rotation lock and locking mechanism. Extend-A-Gun Pipe is made from hardcoat anodized aluminum alloy for light weight and corrosion resistance. Not for use on Extend-A-Gun telescoping waterway. Not for use on portable ground base.

XFF-MPL
XFF-MPP
\$330.00

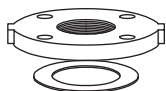


XFF-MPL - FLANGE MOUNT 3" ANSI 150 INLET (75mm)

XFF-MPP - FLANGE MOUNT 4" ANSI 150 INLET (102mm) For use on riser with companion flange. Compact, hardcoat anodized aluminum adapter allows the CROSSFIRE monitor to be easily utilized as a truck mounted deluge appliance. Hardware and gasket included.

MODEL	FLANGE	BOLTS	INT.THDS	HGT	DIA	WT
XFF-MPL	3" ANSI 150#	4) 5/8-11X3	NONE	5" (12.7cm)	7.50" (19.1cm)	6.9 lb (2.4kg)
XFF-MPP	4" ANSI 150#	8) 5/8-11X3	4 NPT F	8" (20.3cm)	9.00" (22.9cm)	11.0 lb (3.1kg)

XFF-CPL
XFF-CPP
\$145.00

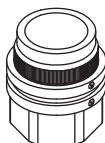


XFF-CPL - COMPANION FLANGE KIT 3" ANSI 150 - 3" NPT, 150 lb. ANSI cast aluminum, gasket included. Uses 5/8" (15.8mm) bolts (not included)

XFF-CPP - COMPANION FLANGE KIT 4" ANSI 150 - 4" NPT, 150 lb. ANSI cast aluminum, gasket included. Uses 5/8" (15.8mm) bolts (not included)

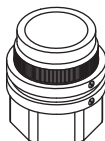
MODEL	THREADS	FLANGE	BOLTS REQ.	DIA.	WT
XFF-CPL	3 NPT F	3" ANSI 150#	4	7.50" (19.1cm)	3.0 lb (1.4kg)
XFF-CPP	4 NPT F	4" ANSI 150#	8	9.00" (22.9cm)	4.4 lb (2.0kg)

XFF-APL
\$335.00
3.1 lb (1.4kg)



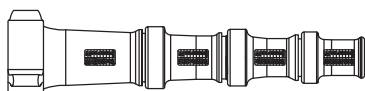
XFF-APL - TRUCK ADAPTER, 3.0" NPT FEMALE Can be screwed directly on a 3.0" NPT (75mm) male thread. This compact, hardcoat anodized adapter allows the Crossfire monitor to be easily utilized as a truck mounted deluge appliance. 4.5" dia. (110mm) Height: 5.0". (125mm)

XFF-RLF
\$330.00
4.2 lb (1.9kg)



XFF-RLF - EXTEND-A-GUN RC3/CROSSFIRE ADAPTER - This compact, hardcoat anodized adapter attaches to the electronically raised Extend-A-Gun RC3, allowing the Crossfire monitor to be easily utilized as a truck mounted deluge appliance. 6.7" dia. (170mm) Height: 5.0" (125mm)

MST-4NJ
\$560.00
3.1 lb (1.4kg)



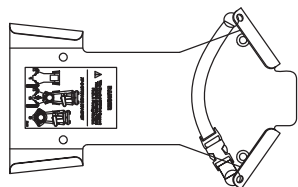
MST-4NJ - 4 STACKED TIPS, 2.5" NH (65mm) Designed for monitor use, these lightweight tips are hardcoat anodized, allow four orifice options in one, and have pressure/flow charts laser engraved on each tip. 2.5" NH (65mm) swivel coupling is standard. Orifice openings are 2", 1.75", 1.5", and 1.375". (50mm, 45mm, 38mm and 35mm) Length 16.90". (42.9cm)

MST-4NN
\$765.00

Tether / Retention kit is available
on page 216 (TETHER01-KIT)

MST-4NN - 4 STACKED TIPS, 3.5" NH (89mm) Same as above (MST-4NJ) but with 3.5" NH (89mm) swivel coupling is standard.

XF-B
\$200.00
3.1 lb (1.4kg)



XF-B - CROSSFIRE STORAGE BRACKET A 13 ga., 304 stainless steel bracket with strap holds the Stow-A-Way 800, Stow-A-Way 1000 or the Safe-Tak 1250 portable base securely while being transported. This 14.75" x 7.75" x 2" (37.5 x 19.7 x 5.1cm) bracket can be mounted vertically or horizontally in any position, including the top or underside of a shelf, on a side wall, or on a compartment door. Includes quick release storage strap.

XF-SS5
\$220.00
1.8 lb (0.8kg)



XF-SS5 - STREAM STRAIGHTENER 5" L. 2.5" NH (65mm) THREADS Extruded aluminum vanes straighten smooth bore streams to provide greater reach with less turbulence. 2.5" NH (65mm) RIGID inlet and outlet threads are standard. XF-SS5 = 5" (125mm) vane length.

XF-SS5-NN
\$400.00

XF-SS5-NN - STREAM STRAIGHTENER 5" L. 3.5" NH (89mm) THREADS - Same as XF-SS5 above but with 3.5" inlet x 2.5" outlet. 4.6lb (1.6kg)

XF-SS10
\$220.00
3.5 lb (1.9kg)

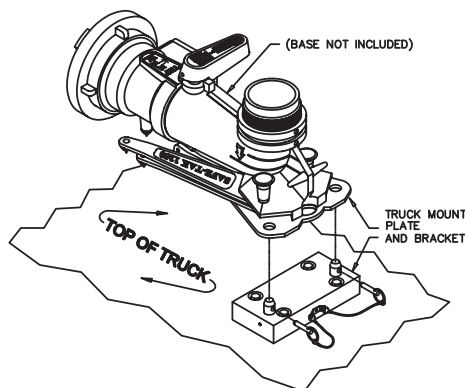


XF-SS10 - STREAM STRAIGHTENER 10" L. 2.5" NH (65mm) THREADS -Extruded aluminum vanes straighten smooth bore streams to provide greater reach with less turbulence. 2.5" NH (65mm) RIGID inlet and outlet threads are standard. XF-SS5 = 5" (125mm) vane length and XF-SS10 = 10" (250mm) vane length.

XF-SS10-NN
\$400.00

XF-SS10-NN - STREAM STRAIGHTENER 10" L. 3.5" NH (89mm) THREADS- Same as XF-SS10 above but with 3.5" inlet x 2.5" outlet. 6.25 lb (2.8kg)

XF400-KIT
\$260.00
7.8 lb (3.5kg)



XF400-KIT - TRUCK MOUNTING BLOCK KIT for direct mounting of the portable base on a truck deck. Allows for use as a deck gun and can be easily removed for portable use when needed. Includes truck mount block with anchor pins and bottom plate for Stow-A-Way 800, Stow-A-Way 1000 or Safe-Tak 1250 portable base.

See Field Repair Kits, page 216, for additional information.

\$4905.00

XFC-32 PACKAGE CONTAINS:

SAFE-TAK Base (Specify Inlet)
CROSSFIRE Storage Bracket
CROSSFIRE Monitor Top (Specify Outlet)
Any Master Stream 1000 or 1250S Nozzle
sold on page 130 (Specify Inlet)

\$4905.00

XFC-32NB PACKAGE:

Package does not include storage bracket

\$4680.00

XFC-42 PACKAGE CONTAINS:

SAFE-TAK Base (Specify Inlet)
CROSSFIRE Storage Bracket
CROSSFIRE Monitor Top (Specify Outlet)
Quad Stack Tips (Specify Inlet)
5" or 10" (127 or 254mm) Stream Straightener
(Specify Inlet & Outlet)

\$4680.00

XFC-42 PACKAGE:

Package does not include storage bracket

\$5510.00

XFC-52 PACKAGE CONTAINS:

SAFE-TAK Base (Specify Inlet)
CROSSFIRE Storage Bracket
CROSSFIRE Monitor Top (Specify Outlet)
Any Master Stream 1000 or 1250S Nozzle
sold on page 130 (Specify Inlet)
Quad Stack Tips (Specify Inlet)
5" or 10" (127 or 254mm) Stream Straightener
(Specify Inlet & Outlet)

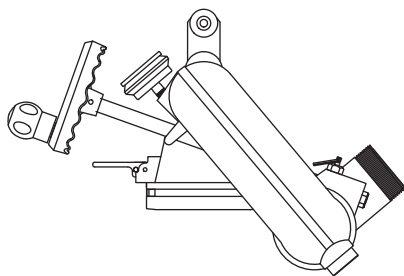
\$5510.00

XFC-52NB PACKAGE:

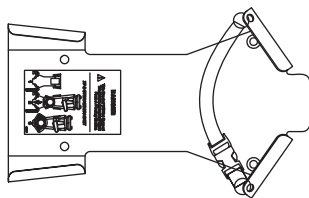
Package does not include storage bracket

CROSSFIRE TOP & BRACKET INCLUDED

With All Three Packages



XFT-NJ — 2.5"NH Outlet
Monitor Top 1250 gpm (4500 l/min)



XF-B
Crossfire Storage Bracket

CHOICE OF STREAM STRAIGHTENER

Choose One Option ☒



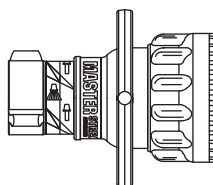
XF-SS5
5" 2.5" NH



XF-SS10
10" 2.5" NH

CHOICE OF NOZZLE

Choose One Option ☒



M-RS1000-NJ — 2.5"NH
Selectable Flow Nozzle
250, 350, 500, 750 or 1000 gpm
Flow is User Adjusted
gpm is based on 100 psi



M-RF1000-NJ — 2.5"NH
Fixed Flow Nozzle
1000 gpm (4000 l/min) max
Must Specify Flow & Pressure



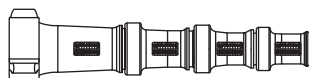
M-R1000-NJ — 2.5"NH
Automatic Pressure Nozzle
150-1000 gpm flow range
(600-4000 l/min)



M-R1250SNJ — 2.5"NH
Automatic Pressure Nozzle
150-1250 gpm flow range
(600-4500 l/min)

QUAD TIPS

Included with XFC-42 and
XFC-52 Package



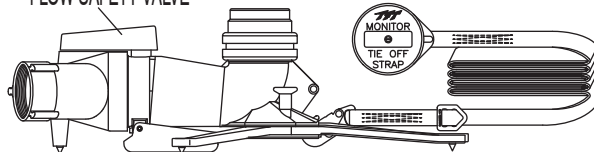
MST-4NJ — 2.5"NH
4 Stacked Tips Laser Engraved Flow Charts

SAFE-TAK 1250 BASE w/CHOICE OF INLETS

Choose One Option ☒

XFH-*
SAFE-TAK 1250
Portable Base

FLOW SAFETY VALVE



XFH-1NP
Single 4"NH
(100mm)



XFH-1ST
Single 5"Storz
(125mm)



XFH-1NL
Single 3"NH
(75mm)



XFH-1NR
Single 4.5"NH
(115mm)



XFH-1SX
Single 6"Storz
(150mm)



XFH-1NN
Single 3.5"NH
(90mm)



XFH-1SP
Single 4"Storz
(100mm)



XFH-2NJ
Dual 2.5"NH
(65mm)

2 1/2" (65mm) HYDRANT VALVE

TFT's 2 1/2 Inch Quarter Turn Hydrant Valve is a lightweight valve with a full 2 1/2 inch waterway. 300 psi (20 bar) operating pressure from either side of valve. Field replaceable valve seat. Quarter turn valve handle has low force to move valve even under pressure. Automatic valve lock keeps valve position while flowing at partial openings. All the components on the wet side of the valve are made of anodized aluminum for additional corrosion protection. Pipe threaded ports for pressure gauge or bleed valve. Hole for cap tether attachment. Aluminum casting is hardcoat anodized and silver TFT-powder coat finish inside and out for maximum corrosion protection.

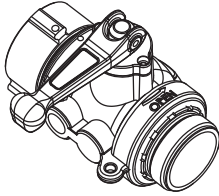
NFPA 1964
COMPLIANT

AV5NJ-NJ

\$505.00

5.8 lbs (2.6 kg)

8.90"H x 5.7"W x 8.4"L
(23.0 x 15.0 x 21.0 cm)



AV5NJ-NJ - 2.5" (65mm) QUARTER TURN HYDRANT VALVE- Quarter-turn aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) waterway provides maximum flow with minimal loss. Quarter turn valve handle has low force to move even under pressure. Rugged lightweight aluminium alloy casting with durable powder coat finish inside and out, anodized couplings, super tough nylon folding handle. 2.5" (65mm) NH female swivel rocker lug inlet coupling is standard.

A1621-KIT - VENT DRAIN KIT is available for the 2.5" Hydrant Valve. See page 216.

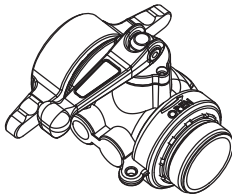
NFPA 1964
COMPLIANT

AV5HNJ-NJ

\$505.00

5.8 lbs (2.6 kg)

8.90"H x 8.9"W x 8.4"L
(23.0 x 23.0 x 21.0 cm)



AV5HNJ-NJ - 2.5" (65mm) QUARTER TURN HYDRANT VALVE - Quarter-turn aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) waterway provides maximum flow with minimal loss. Quarter turn valve handle has low force to move even under pressure. Rugged lightweight aluminium alloy casting with durable powder coat finish inside and out, anodized couplings, super tough nylon folding handle. 2.5" (65mm) NH female swivel long handle inlet coupling is standard.

A1621-KIT - VENT DRAIN KIT is available for the 2.5" Hydrant Valve. See page 216.

2 1/2" (65mm) SLOW CLOSE HYDRANT VALVE

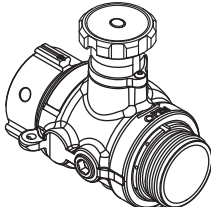
NFPA 1964
COMPLIANT

AV5NJ-NJ-SC

\$505.00

5.8 lbs (2.6 kg)

8.9"H x 5.7"W x 8.40"L
(23.0 x 15.0 x 21.0 cm)



AV5NJ-NJ-SC - 2.5" (65mm) SLOW CLOSE HYDRANT VALVE - Aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) waterway provides maximum flow with minimal loss. Multi-turn knob meets slow close requirements, prevents water hammer. Includes valve position indicator. Rugged lightweight aluminium alloy casting with durable powder coat finish inside and out, anodized couplings. 2.5" (65mm) NH female swivel rocker lug inlet coupling is standard.

A1621-KIT - VENT DRAIN KIT is available for the 2.5" Hydrant Valve. See page 216.

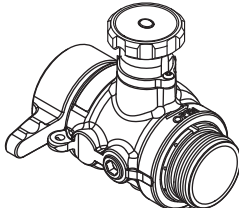
NFPA 1964
COMPLIANT

AV5HNJ-NJ-SC

\$505.00

5.8 lbs (2.6 kg)

8.9"H x 8.9"W x 8.40"L
(23.0 x 23.0 x 21.0 cm)



AV5HNJ-NJ-SC - 2.5" (65mm) SLOW CLOSE HYDRANT VALVE - Aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) waterway provides maximum flow with minimal loss. Multi-turn knob meets slow close requirements, prevents water hammer. Includes valve position indicator. Rugged lightweight aluminium alloy casting with durable powder coat finish inside and out, anodized couplings. 2.5" (65mm) NH female swivel long handle inlet coupling is standard.

A1621-KIT - VENT DRAIN KIT is available for the 2.5" Hydrant Valve. See page 216.

SLOW CLOSE HI-RISE VALVE

TFT's 2 ½ Inch Slow Close High Rise Valve is a lightweight valve with a full 2 ½ inch waterway designed for use on standpipes, truck outlets, on the ground, or where having a pressure reading is advantageous. 300 psi (20 bar) operating pressure from either side of valve. Field replaceable valve seat. Slow close knob has low force to rotate valve even under pressure. Automatic valve lock keeps valve position while flowing at partial openings. All the components on the wet side of the valve are made of anodized aluminum for additional corrosion protection. Pipe threaded ports for bleed valve. Hole for cap tether attachment. Aluminum casting is hardcoat anodized and silver TFT-powder coat finish inside and out for maximum corrosion protection. The In-line Pivot Pressure Gauge incorporates a liquid filled pressure gauge with an easy to read gauge face into a solid aluminum body, protecting the gauge from damage. Built into the casting is a pitot pickup for an accurate reading of the total pressure in the center of the waterway. The gauge also includes a replaceable lens that protects the gauge face from damage. The lens can easily be changed if it becomes scratched or damaged. The outlet is available with a pivoting joint that moves ±20° from center for controlling hose kinks on standpipes with horizontal or vertical discharge. Pivoting outlets cut the weight of hi-rise packs by eliminating a separate elbow. Fully pivoting the discharge changes the gauge reading by less than 5 PSI (0.3 bar) at 500 GPM (2000 L/min).

AVGSC3FNJNJ

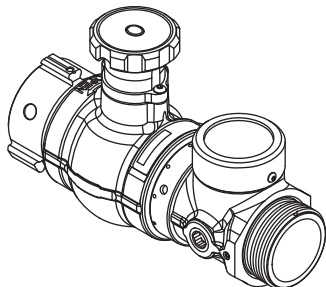
AVGSC2FNJNJ

\$915.00

7.5 lbs (3.4 kg)

7.7"H x 5.6"W x 12.4"L

(19.6 x 14.2 x 31.5 cm)



AVGSC3FNJNJ - 2.5" (65mm) SLOW CLOSE HIGH RISE VALVE -

Aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) waterway provides maximum flow with minimal loss. Multi-turn knob meets slow close requirements, prevents water hammer. Includes valve position indicator. Rugged lightweight aluminum alloy casting with durable powder coat finish inside and out, anodized couplings. 2.5" (65mm) NH female swivel rocker lug inlet coupling and NH male fixed spout outlet are standard.

AVGSC3SNJNJ

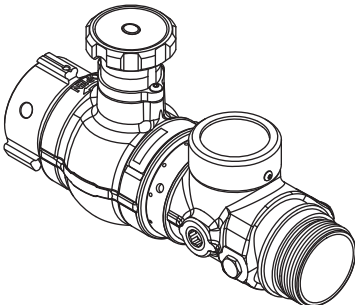
AVGSC2SNJNJ

\$915.00

9.5 lbs (4.3 kg)

7.7"H x 5.6"W x 14.1"L

(19.6 x 14.2 x 35.8 cm)



AVGSC3SNJNJ - 2.5" (65mm) SLOW CLOSE HIGH RISE VALVE -

Aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) waterway provides maximum flow with minimal loss. Multi-turn knob meets slow close requirements, prevents water hammer. Includes valve position indicator. Rugged lightweight aluminum alloy casting with durable powder coat finish inside and out, anodized couplings. 2.5" (65mm) NH female swivel rocker lug inlet coupling and ±20° pivoting NH male spout outlet are standard.

AVGSC3FHNJNJ

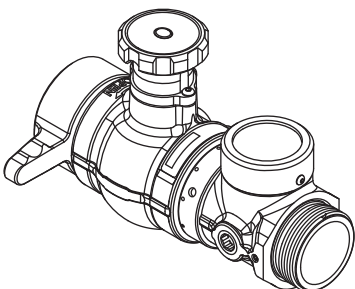
AVGSC2FHNJNJ

\$915.00

8.1 lbs (3.7 kg)

7.7"H x 5.6"W x 12.4"L

(19.6 x 14.2 x 31.5 cm)



AVGSC3FHNJNJ - 2.5" (65mm) SLOW CLOSE HIGH RISE VALVE

- Aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) waterway provides maximum flow with minimal loss. Multi-turn knob meets slow close requirements, prevents water hammer. Includes valve position indicator. Rugged lightweight aluminum alloy casting with durable powder coat finish inside and out, anodized couplings. 2.5" (65mm) NH female swivel long handle inlet coupling and NH male fixed spout outlet are standard.

AVGSC3SHNJNJ

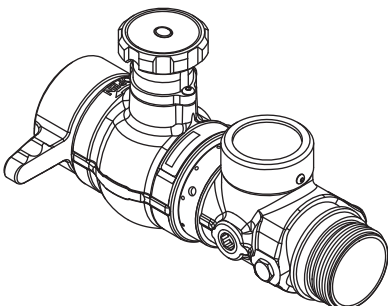
AVGSC2SHNJNJ

\$915.00

10.1 lbs (4.6 kg)

7.7"H x 5.6"W x 14.1"L

(19.6 x 14.2 x 35.8 cm)



AVGSC3SHNJNJ - 2.5" (65mm) SLOW CLOSE HIGH RISE VALVE

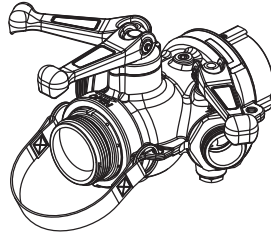
- Aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) waterway provides maximum flow with minimal loss. Multi-turn knob meets slow close requirements, prevents water hammer. Includes valve position indicator. Rugged lightweight aluminum alloy casting with durable powder coat finish inside and out, anodized couplings. 2.5" (65mm) NH female swivel Long handle inlet coupling and ±20° pivoting NH male spout outlet are standard.

TFT's 2.5" by 1.5" Water Thief is a lightweight valve with full 2.5" and 1.5" waterways. 300 psi (20 bar) operating pressure from either side of the valves. Field replaceable valve seats. Quarter turn valve handles with low force to move even under pressure. Automatic valve lock on the 2.5" valve keeps its position while flowing at partial openings. Special internal contour on the 1.5" valves keeps them in position while flowing. Folding valve handles minimize storage space. Pipe threaded port for pressure gauge. Carrying strap assists in carrying and dragging hose. Aluminum casting is hardcoat anodized and silver TFT-powdercoat finish inside and out for maximum corrosion protection.

WT5NJ-NJ-NF

\$1200.00

10.0 lbs (4.5 kg)
6.90"H x 8.00"W x 10.50"L
(18.0 x 25.0 x 27.0 cm)

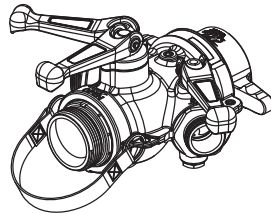


WT5NJ-NJ-NF - WATER THIEF 2.5" (65mm) NHF X 2.5" (65mm) NHM DUAL 1.5" (38mm) NHM SIDE PORTS - Quarter-turn aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) and 1.5" (38mm) waterways provide maximum flow with minimal loss. Rugged lightweight aluminium alloy casting with durable powder coat finish inside and out, anodized couplings, super tough nylon folding handles and built in carrying strap. 2.5" (65mm) NH female swivel rocker lug inlet coupling is standard.

WT5HNJ-NJ-NF

\$1200.00

10.7 lbs (4.9 kg)
6.90"H x 9.80"W x 10.50"L
(18.0 x 25.0 x 27.0 cm)

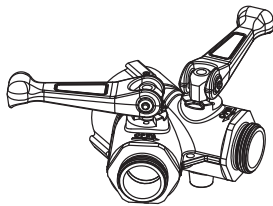


WT5HNJ-NJ-NF - WATER THIEF 2.5" (65mm) NHF X 2.5" (65mm) NHM DUAL 1.5" (38mm) NHM SIDE PORTS - Quarter-turn aluminum ball valves provide a positive shutoff. Full flow 2.5" (65mm) and 1.5" (38mm) waterways provide maximum flow with minimal loss. Rugged lightweight aluminium alloy casting with durable powder coat finish inside and out, anodized couplings, super tough nylon folding handles and built in carrying strap. 2.5" (65mm) NH female swivel long handle inlet coupling is standard.

AYNJ-NF

\$485.00

4.9 lb (2.2kg)
6.00" x 6.75"
(15.2 x 17.1cm)

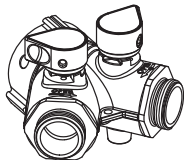


AYNJ-NF - GATED WYE 2.5" NH X 1.5" NH (65mm x 38mm) OUTLETS - 2.5" (65mm) female swivel inlet x two 1.5" (38mm) male outlets. Quarter-turn aluminum ball valves provide a positive shutoff. Full flow 1.5" (38mm) ball waterway. Rugged lightweight aluminum alloy casting with durable powder coat finish inside and out, anodized couplings, and super tough nylon folding handles. NH thread is standard. 2.5" NH female swivel rocker lug inlet coupling.

AYSNJ-NF

\$485.00

3.8 lb (1.7kg)
5.20" x 6.80"
(13.2 x 17.3cm)

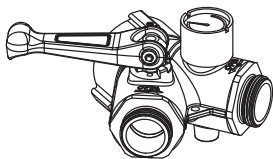


AYSNJ-NF - GATED WYE 2.5" NH X 1.5" NH (65mm x 38mm) OUTLETS - 2.5" (65mm) female swivel inlet x two 1.5" (38mm) male outlets. Quarter-turn aluminum ball valves provide a positive shutoff. Full flow 1.5" (38mm) ball waterway. Rugged lightweight aluminum alloy casting with durable powder coat finish inside and out, anodized couplings, and super tough short handles. NH thread is standard. 2.5" NH female swivel rocker lug inlet coupling.

AYG-NJ-NF

\$485.00

3.9 lb (1.8kg)
6.00" x 6-3/4"
(15.2 x 17.1cm)



AYG-NJ-NF - STANDPIPE WYE 2.5" NH X 1.5" NH (65mm X 38mm) - 2.5" (65mm) female swivel inlet x two 1.5" (38mm) male outlets. This wye is intended for use in high rise packs. One branch of the wye connects to the hose in the pack. The other branch has a quarter-turn aluminum ball valve for positive shutoff. A pressure gauge is mounted on top of the wye. Rugged, lightweight aluminum alloy casting with durable powder coat finish inside and out, anodized couplings and super tough folding nylon handles. 2.5" NH female rocker lug swivel inlet coupling is standard.

BALL INTAKE VALVE

AB Series - BIV - TFT's Ball Intake Valve has a 3.65" waterway and is designed for use with 3.5, 4, 4.5, 5 or 6 inch (89, 100, 115, 125 or 150mm) hose. The 30° intake elbow swivels 360° and has multiple positive detents. Make hose connections from any direction with minimal kinks and coupling stress. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 300 psi (20 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 hand wheel needs 7-1/2 turns to open, 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 hand wheel 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 couplings and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Includes TFT's new 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
AB7NT-NX
35.0 lbs (15.8 kg)
15.60" (39.0cm) Height
13" (26 cm)Width
14" (35.8 cm) Depth

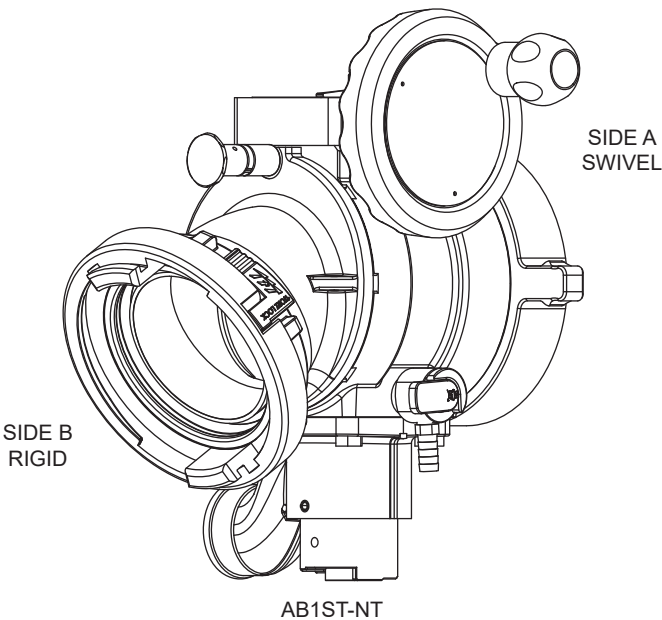
Ball Intake Valve
Your Choice

\$2195.00

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.



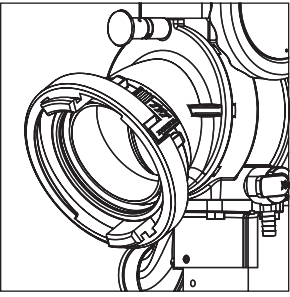
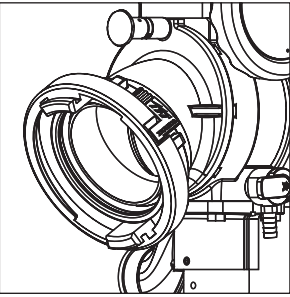
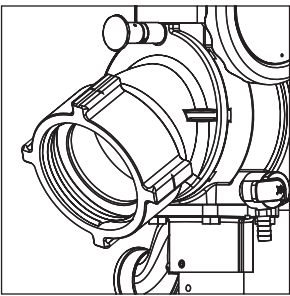
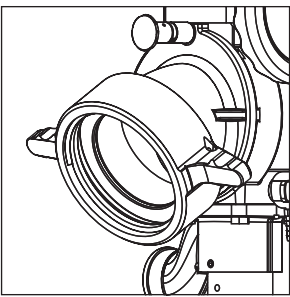
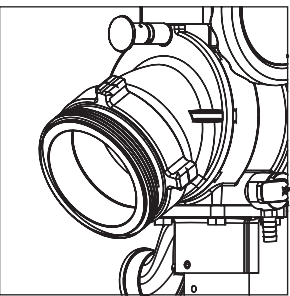
Adapters for 4 or 4 1/2 inch (100 or 115 mm) pump inlets.

6" Threaded Male	4.00" (100.0mm) Pump Inlet Adapter	4.50" (110.0mm) Pump Inlet Adapter
	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

If a Pressure Relief Valve (PRV) is not required, substitute the part number prefix AB with AC.
AC denotes no PRV, deduct \$250 from the appropriate AB published list price.
Pressure Relief Valve information is located on page 151.
Suction Screen information is located on page 216, under LDH service kits.

Side B		Side A	
AB		—	
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	
3SP) 4.0" Swivel Storz 3ST) 5.0" Swivel Storz 3SX) 6.0" Swivel Storz		<div> <div>AB</div> <div>-</div> </div> <p>(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</p> <div> <div>AB</div> <div>7</div> <div>N</div> <div>P</div> <div>-</div> <div>N</div> <div>X</div> </div>	
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			

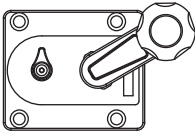
BALL INTAKE VALVE WITH PARALLEL SHAFT DRIVE

AB Series - BIV - TFT's Ball Intake Valve has a 3.65" waterway and is designed for use with 3.5, 4, 4.5, 5 or 6 inch (89, 100, 115, 125 or 150mm) hose. The 30° intake elbow swivels 360° and has multiple positive detents. Make hose connections from any direction with minimal kinks and coupling stress. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 300 psi (20 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 hand crank needs 7-1/2 turns to open, 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 hand crank 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 couplings and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Includes TFT's new 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
AB7NT-NX-PS
35.0 lbs (15.8 kg)
16.00" (41.5 cm) Height
11.50" (29.2 cm) Width
14" (35.8 cm) Depth

Ball Intake Valve
Your Choice

\$2295.00



Top View of Control

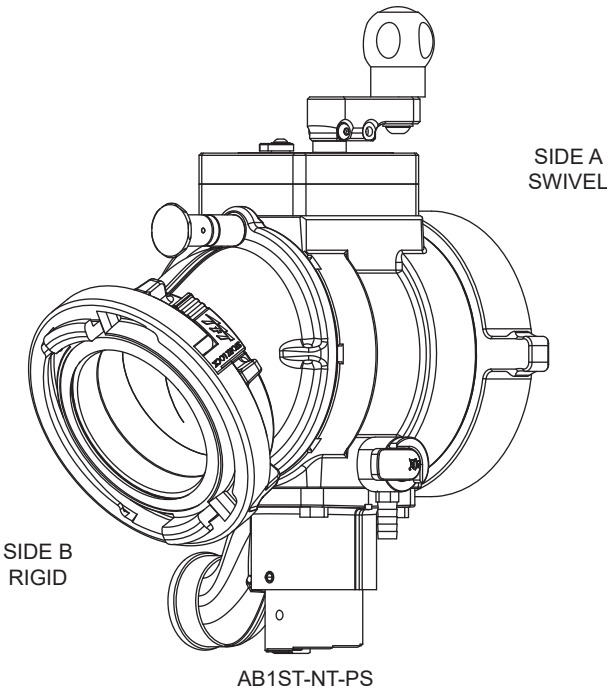
To add an additional Vent/Drain for the BIV or Jumbo BIV order A1621-KIT. See page 216



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.

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



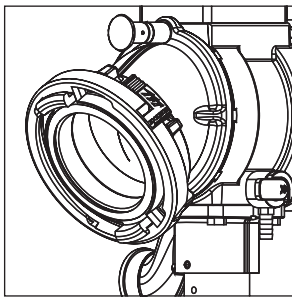
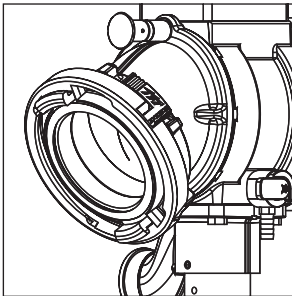
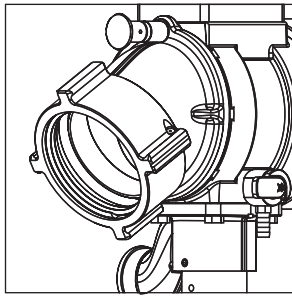
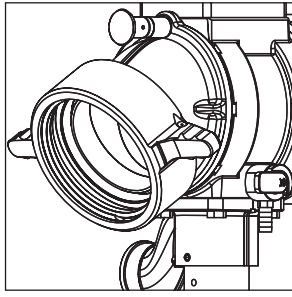
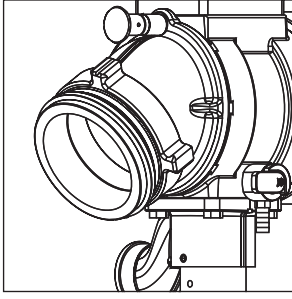
Storz couplings are shipped with a pressure gasket installed. A suction gasket is available upon request for drafting operations.

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

If a Pressure Relief Valve (PRV) is not required, substitute the part number prefix AB with AC.
AC denotes no PRV, deduct \$250 from the appropriate AB published list price.

Pressure Relief Valve information is located on page 151.

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

Side B			Side A		Option											
AB			—		—											
	1SP) 4.0" Rigid Storz 1ST) 5.0" Ridgd Storz 1SX) 6.0" Rigid Storz			NT) 5.0" Threaded Swivel NX) 6.0" Threaded Swivel		PS) Parallel Shaft										
	3SP) 4.0" Swivel Storz 3ST) 5.0" Swivel Storz 3SX) 6.0" Swivel Storz		(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 with a parallel shaft drive would be													
	7NN) 3.5" Threaded Swivel 7NP) 4.0" Threaded Swivel 7NR) 4.5" Threaded Swivel 7NT) 5.0" Threaded Swivel		<table><tr><td>AB</td><td>7</td><td>N</td><td>P</td><td>-</td><td>N</td><td>X</td><td>-</td><td>P</td><td>S</td></tr></table>				AB	7	N	P	-	N	X	-	P	S
AB	7	N	P	-	N	X	-	P	S							
	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															

JUMBO BALL INTAKE VALVE

AX Series - TFT's Jumbo 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. The 30° intake elbow swivels 360° and has multiple positive detents. Make hose connections in any direction with minimal kinks and coupling stress. 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.

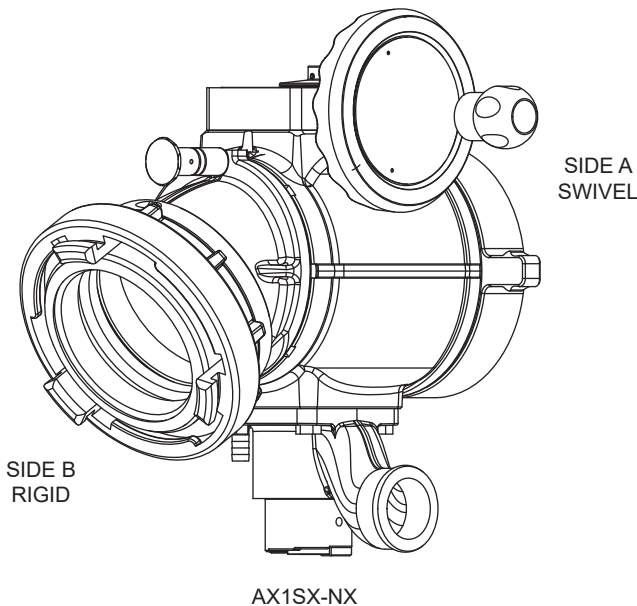
Dimensional Maximum
AX7HNX-NX
37.0 lbs (16.8kg)
17.75" (45.0cm) Height
14.00" (36.0cm) Width
15.50" (39.0cm) Depth

Jumbo Ball Intake Valve
Your Choice
\$2730.00

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

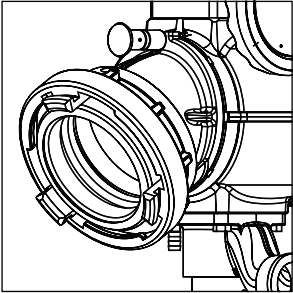
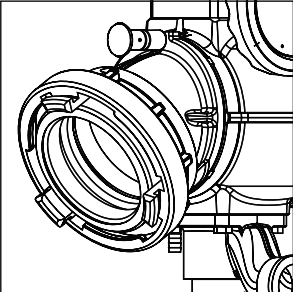
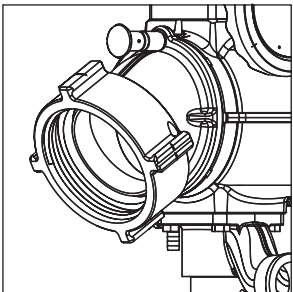
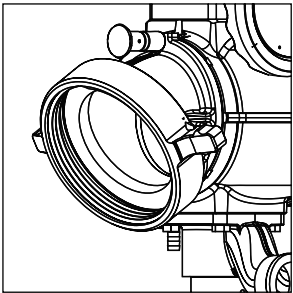
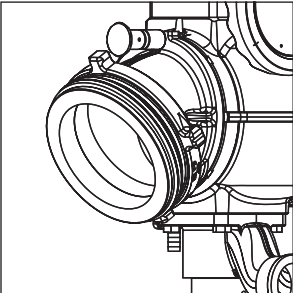
If a Pressure Relief Valve (PRV) is not required, substitute the part number prefix AX with AZ.
AZ denotes no PRV, deduct \$250 from the appropriate AX published list price.

Pressure Relief Valve information is located on page 151.

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

Side B

Side A

AX		—	
	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		
	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 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

AX	7	N	P	-	N	X
----	---	---	---	---	---	---

JUMBO BALL INTAKE VALVE WITH PARALLEL SHAFT DRIVE

AX Series - TFT's Jumbo 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. The 30° intake elbow swivels 360° and has multiple positive detents. Make hose connections in any direction with minimal kinks and coupling stress. 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. 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

AX7HNX-NX-PS

37.0 lbs (16.8kg)

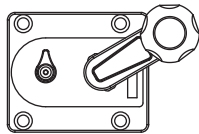
18.75" (47.5cm) Height

11.50" (29.2cm) Width

15.50" (39.0cm) Depth

**Jumbo Ball Intake Valve
Your Choice**

\$2730.00

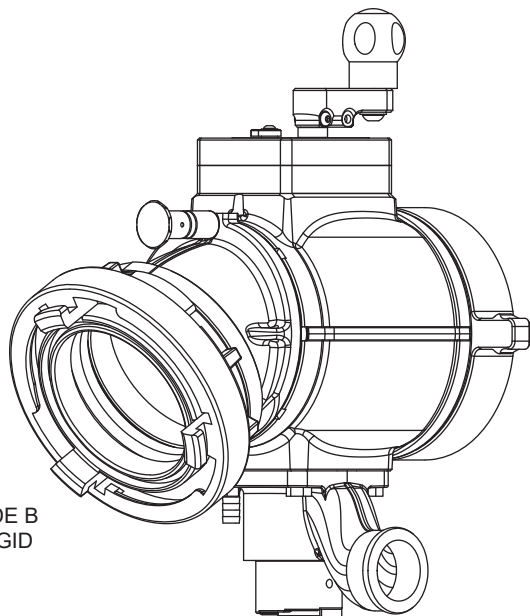


Top View of Control

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.



AX1SX-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

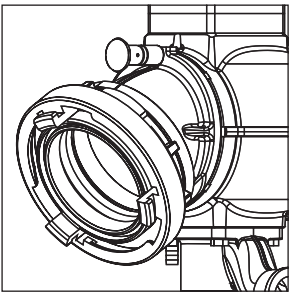
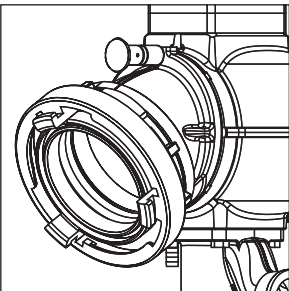
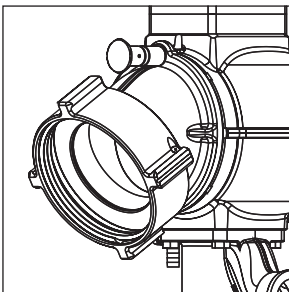
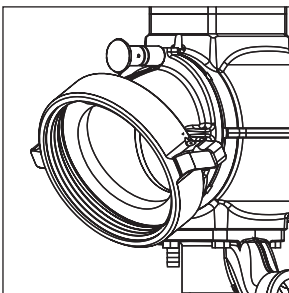
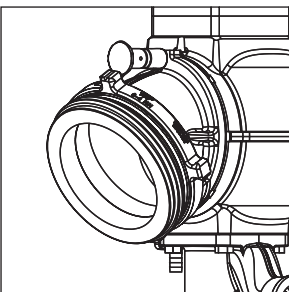
Storz couplings are shipped with a pressure gasket installed. A suction gasket is available upon request for drafting operations.

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

If a Pressure Relief Valve (PRV) is not required, substitute the part number prefix AX with AZ.
AZ denotes no PRV, deduct \$250 from the appropriate AX published list price.

Pressure Relief Valve information is located on page 151.

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

Side B		Side A		Option	
AX		—		—	
	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				
	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 - - **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
 AX 7 N P - N X - P S

SHORT BALL INTAKE VALVE

ABS Series – TFT's Ball Intake Valve has a 3.65" waterway and is designed for use with 4, 5 or 6 inch (100, 125, or 150mm) hose. The compact design without swiveling inlet elbow allows use in limited space, such as behind compartment doors. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 300 psi (20 bar). Meets 900 psi hydrostatic strength test. The aluminum casting is hardcoat anodized, and TFT powder coated inside and out for maximum corrosion protection. All components on the wet side of the valve are made of stainless steel for additional corrosion protection. Meets NFPA slow-close requirements. The Ball Intake Valves allow for multiple control configurations, with reversible side handwheel as well as a top mounted control to allow ease of use on all apparatus pump panel designs. Valve position indicator is standard. 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 option air bleed valve is incorporated into the design for user friendly configurability. Hose couplings and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Automatic fast reacting pressure relief valve is easily set without special tools and protects from over pressurization of the hose lines and appliance. 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

ABS1SX-NX

31.1 lb (14.1 kg)

16.2" (41.1 cm) Height

13.4" (34.0 cm) Width

11.0" (27.9 cm) Depth

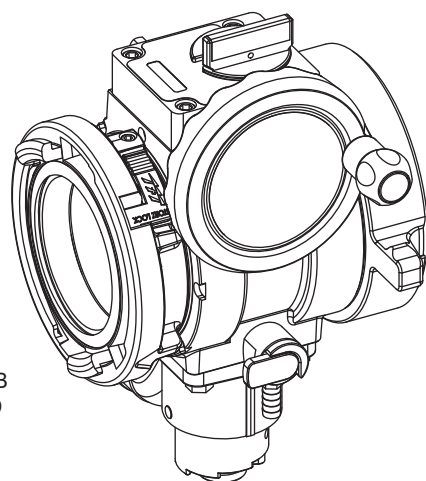
Short Ball Intake Valve
Your Choice

\$2195.00

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

SIDE B
RIGID

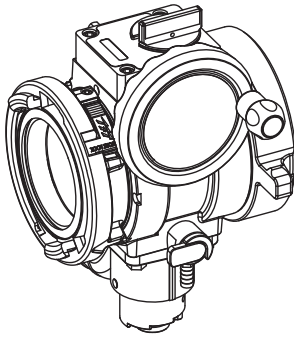
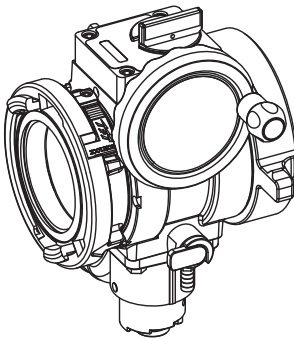
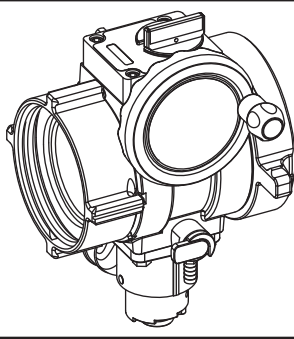
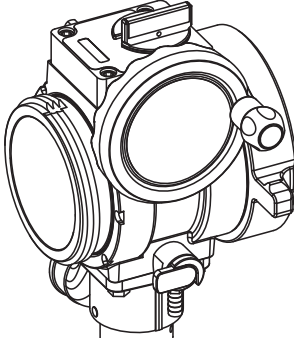
ABS1ST-NX

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

6" Threaded Male	4.00" (100.0mm) Pump Inlet Adapter	4.50" (110.0mm) Pump Inlet Adapter
	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	
ABS		—	
1SP) 4.0" Rigid Storz 1ST) 5.0" Ridgd Storz 1SX) 6.0" Rigid Storz			NT) 5.0" Threaded Swivel NX) 6.0" 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			

ABS

(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

ABS	7	N	P	-	N	X
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SHORT BALL INTAKE VALVE

ACS Series – TFT's Ball Intake Valve has a 3.65" waterway and is designed for use with 4, 5 or 6 inch (100, 125, or 150mm) hose. The compact design without swiveling inlet elbow allows use in limited space, such as behind compartment doors. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 300 psi (20 bar). Meets 900 psi hydrostatic strength test. The aluminum casting is hardcoat anodized, and TFT powder coated inside and out for maximum corrosion protection. All components on the wet side of the valve are made of stainless steel for additional corrosion protection. Meets NFPA slow-close requirements. The Ball Intake Valves allow for multiple control configurations, with reversible side handwheel as well as a top mounted control to allow ease of use on all apparatus pump panel designs. Valve position indicator is standard. 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 option air bleed valve is incorporated into the design for user friendly configurability. Hose couplings 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

ACS1ST-NX

29.4 lb (13.3 kg)

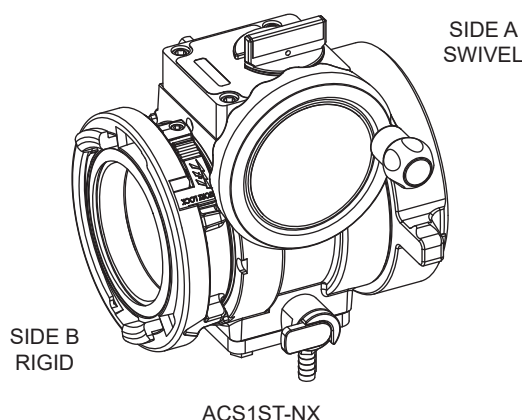
12.8" (32.5 cm) Height

13.4" (34.0 cm) Width

11.0" (27.9 cm) Depth

Short Ball Intake Valve Your Choice

\$1760.00



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



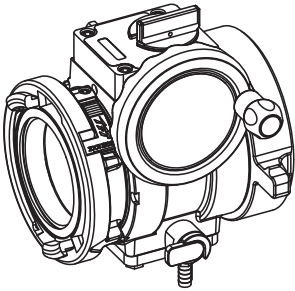
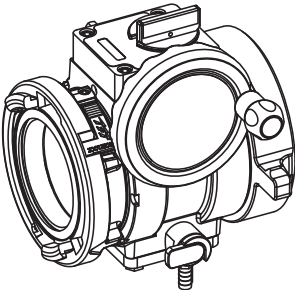
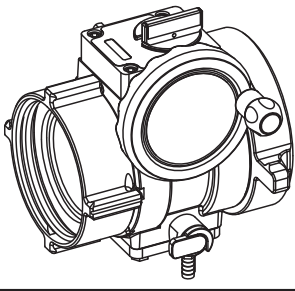
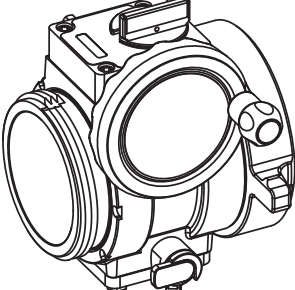
For additional air bleed during operation, simply install a bleed valve with 3/4" NPT inlet. A bleed valve can be purchased if desired.

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	
ACS	—		
1SP) 4.0" Rigid Storz 1ST) 5.0" Ridgd Storz 1SX) 6.0" Rigid Storz		NT) 5.0" Threaded Swivel NX) 6.0" 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			

ACS		-	
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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

ACS	7	N	P	-	N	X
-----	---	---	---	---	---	---

SHORT BALL INTAKE VALVE WITH PARALLEL DRIVE SHAFT

ABS Series – TFT's Ball Intake Valve has a 3.65" waterway and is designed for use with 4, 5 or 6 inch (100, 125, or 150mm) hose. The compact design without swiveling inlet elbow allows use in limited space, such as behind compartment doors. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 300 psi (20 bar). Meets 900 psi hydrostatic strength test. The aluminum casting is hardcoat anodized, and TFT powder coated inside and out for maximum corrosion protection. All components on the wet side of the valve are made of stainless steel for additional corrosion protection. Meets NFPA slow-close requirements. The Ball Intake Valves allow for multiple control configurations, with reversible side handwheel as well as a top mounted control to allow ease of use on all apparatus pump panel designs. Valve position indicator is standard. 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 option air bleed valve is incorporated into the design for user friendly configurability. Hose couplings and truck connections are attached to the valve using polymer bearing rings which provide electrical isolation to help prevent galvanic corrosion. Automatic fast reacting pressure relief valve is easily set without special tools and protects from over pressurization of the hose lines and appliance. 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

ABS1SX-NX-PS

31.6 lb (14.3 kg)

17.8" (45.2 cm) Height

11.2" (28.4 cm) Width

11.0" (27.9 cm) Depth

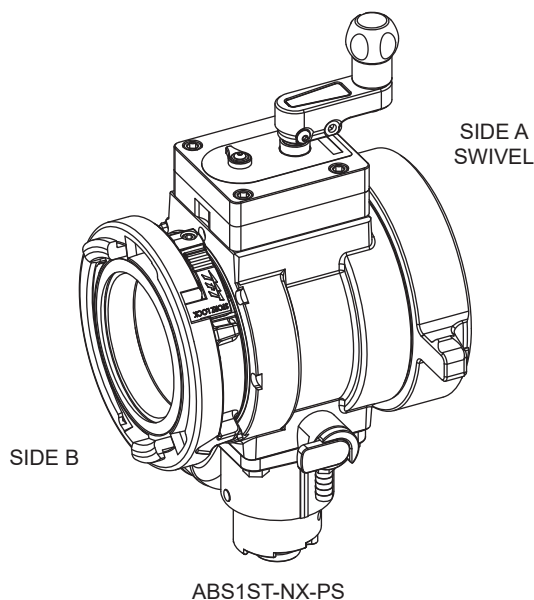
**Short Ball Intake Valve
Your Choice**

\$2210.00

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.

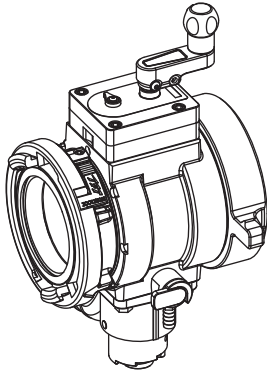
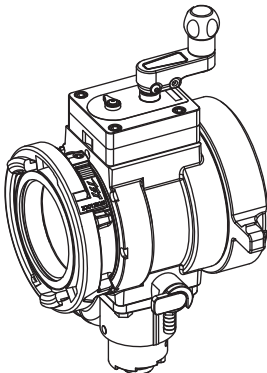
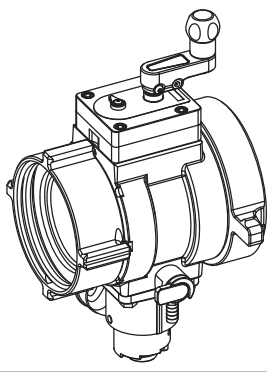
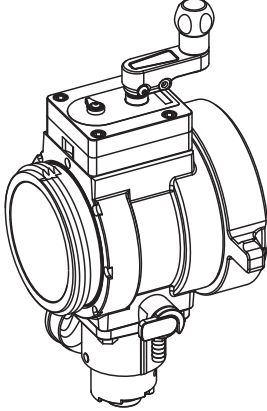


Adapters for 4 or 4 1/2 inch (100 or 115 mm) pump inlets.

	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		Option	
ABS		—		—	PS
1SP) 4.0" Rigid Storz 1ST) 5.0" Ridgd Storz 1SX) 6.0" Rigid Storz		NT) 5.0" Threaded Swivel NX) 6.0" 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					

ABS		-		-	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

ABS	7	N	P	-	N	X	-	P	S
-----	---	---	---	---	---	---	---	---	---

SHORT BALL INTAKE VALVE WITH PARALLEL DRIVE SHAFT

ACS Series – TFT's Ball Intake Valve has a 3.65" waterway and is designed for use with 4, 5 or 6 inch (100, 125, or 150mm) hose. The compact design without swiveling inlet elbow allows use in limited space, such as behind compartment doors. Designed for pressure or vacuum service on a pumper. Maximum operating pressure is 300 psi (20 bar). Meets 900 psi hydrostatic strength test. The aluminum casting is hardcoat anodized, and TFT powder coated inside and out for maximum corrosion protection. All components on the wet side of the valve are made of stainless steel for additional corrosion protection. Meets NFPA slow-close requirements. The Ball Intake Valves allow for multiple control configurations, with reversible side handwheel as well as a top mounted control to allow ease of use on all apparatus pump panel designs. Valve position indicator is standard. 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 option air bleed valve is incorporated into the design for user friendly configurability. Hose couplings 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

ACS1SX-NX-PS

29.9 lb (13.6 kg)

14.4" (36.7 cm) Height

11.2" (28.4 cm) Width

11.0" (27.9 cm) Depth

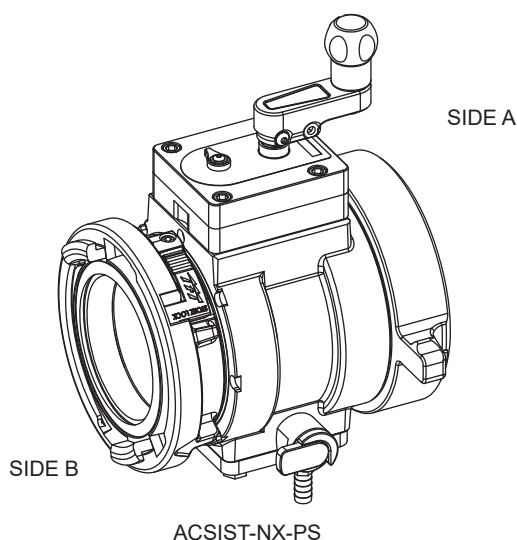
Short Ball Intake Valve
Your Choice

\$1935.00

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.



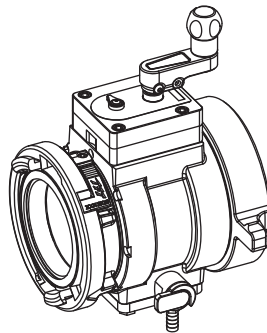
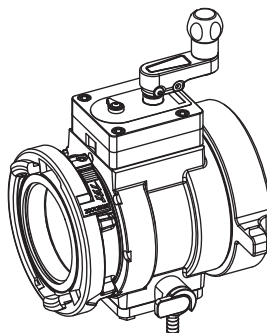
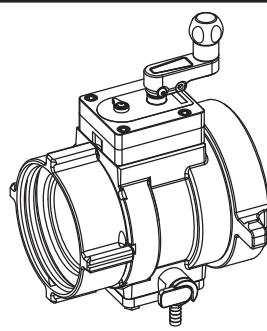
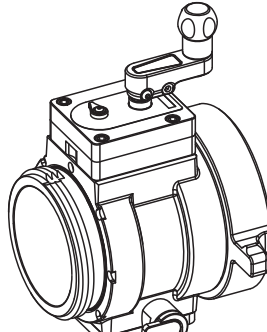
Adapters for 4 or 4 1/2 inch (100 or 115 mm) pump inlets.

	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

SHORT BALL INTAKE VALVE WITH PARALLEL DRIVE SHAFT

Side B			Side A		Option	
ACS			—		—	PS
	1SP) 4.0" Rigid Storz 1ST) 5.0" Ridgd Storz 1SX) 6.0" Rigid Storz			NT) 5.0" Threaded Swivel NX) 6.0" Threaded Swivel		PS) Parallel Shaft
	3SP) 4.0" Swivel Storz 3ST) 5.0" Swivel Storz 3SX) 6.0" Swivel Storz			<div>ACS<div></div><div>-</div><div></div><div>-</div><div>P</div><div>S</div></div> <div>(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</div> <div>ACS<div>7</div><div>N</div><div>P</div><div>-</div><div>N</div><div>X</div><div>-</div><div>P</div><div>S</div></div>		
	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 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 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. 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.

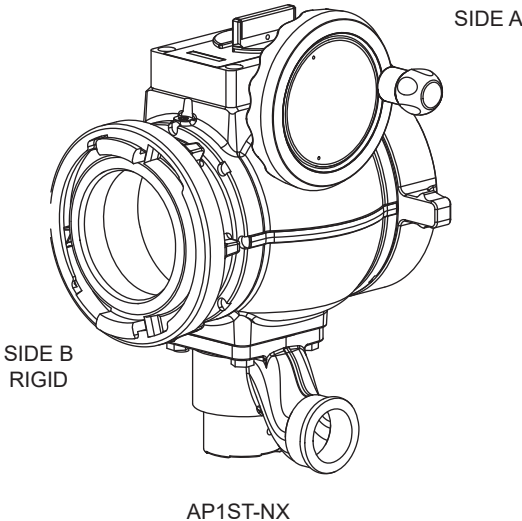
Dimensional Maximum
AP1SX-NX
32.0 lb (14.5 kg)
17.4" (44.2 cm) Height
13.4" (34.0 cm) Width
12.9" (32.8 cm) Depth

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 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.

6" Threaded Male	4.00" (100.0mm) Pump Inlet Adapter	4.50" (110.0mm) Pump Inlet Adapter
	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