

# TFT BIV BALL INTAKE VALVE™ OVERVIEW

- Easy Model Selection
- 10-Year Warranty
- High Flow, Low Friction Loss
- Configurations To Meet Your Needs

The Jumbo BIV features choice of side handwheel or top crank, or electric remote actuation. Available with standard air bleeder/drain valve, with or without a pressure relief valve. The detent swivel elbow inlet can free swivel or lock into any one of eight positions. Also available without elbow for a shorter installation.

The larger water way on the Jumbo and Jumbo Low Profile BIV has improved flow efficiency, resulting in high flows when drafting, when supplied from a hydrant or during relay pumping operations. The Jumbo Low Profile is available with the operating crank or

electric motor on the left or right side. The manually operated valves can be ordered with the front crank, or for very limited space such as behind a roll up door, top crank models can be ordered.

Options for with or without pressure relief valve are also available. The air bleeder is standard and the Jumbo Low Profile is self-draining.

All valves have a valve position indicator to show when the valve is open, closed or in between. Valves are made from hardcoat

aluminum that is powder coated inside and out for superior corrosion protection. The aluminum alloy half ball and seat retainers of all valves have a corrosion resistant coating for additional corrosion protection. A polymer bearing strip joins the couplings to the valve allowing easy swiveling, and electrically isolates the valve to reduce the chance of galvanic corrosion. Both the Jumbo and Jumbo Low Profile valves have a 10 Year Warranty.

Contact TFT customer service for special industrial configurations not shown.

Choose this series for best performance in tight profile pump panels.



Jumbo Low Profile Ball Intake Valve	AXE-F Series	AXD-T Series	AXE-T Series	AXD-T Series	AZD-F Series	AZD-T Series	AZE-T Series	AZD-T Series	AXD-RC Series	AXE-RC Series
<ul style="list-style-type: none"> <li>• 10 Year Warranty</li> <li>• High Flow 5.25" Waterway</li> <li>• Left or Right Crank Location</li> <li>• Top or Front Hand Crank Location</li> <li>• Electric Remote with Manual Override Knob</li> <li>• With or Without Easily Adjustable Pressure Relief Valve</li> <li>• Air Bleeder / Self Draining</li> </ul>										
<p><b>Description</b> Low Profile Elbow, Front Crank, PRV</p> <p><b>Dim Max</b> 14.7"H, 13.8"W, 11.3"D</p> <p><b>List Price</b> \$2850.00</p>	<p><b>Description</b> Low Profile Elbow, Top Crank, PRV</p> <p><b>Dim Max</b> 14.7"H, 13.8"W, 11.3"D</p> <p><b>List Price</b> \$2850.00</p>	<p><b>Description</b> Low Profile Elbow, Top Crank, PRV</p> <p><b>Dim Max</b> 14.7"H, 13.8"W, 11.3"D</p> <p><b>List Price</b> \$2850.00</p>	<p><b>Description</b> Low Profile Elbow, Top Crank, PRV</p> <p><b>Dim Max</b> 14.7"H, 13.8"W, 11.3"D</p> <p><b>List Price</b> \$2850.00</p>	<p><b>Description</b> Low Profile Elbow, Front Crank, No PRV</p> <p><b>Dim Max</b> 16.6"H, 13.4"W, 11.3"D</p> <p><b>List Price</b> \$2585.00</p>	<p><b>Description</b> Low Profile Elbow, Top Crank, No PRV</p> <p><b>Dim Max</b> 16.6"H, 13.4"W, 11.3"D</p> <p><b>List Price</b> \$2585.00</p>	<p><b>Description</b> Low Profile Elbow, Top Crank, No PRV</p> <p><b>Dim Max</b> 16.6"H, 13.4"W, 11.3"D</p> <p><b>List Price</b> \$2585.00</p>	<p><b>Description</b> Low Profile Elbow, Top Crank, No PRV</p> <p><b>Dim Max</b> 16.6"H, 13.4"W, 11.3"D</p> <p><b>List Price</b> \$2585.00</p>	<p><b>Description</b> Low Profile Elbow, Electric, PRV</p> <p><b>Dim Max</b> 13.5"H, 15.6"W, 11.3"D</p> <p><b>List Price</b> \$4850.00</p>	<p><b>Description</b> Low Profile Elbow, Electric, PRV</p> <p><b>Dim Max</b> 13.5"H, 15.6"W, 11.3"D</p> <p><b>List Price</b> \$4850.00</p>	

Choose this series for best performance.



Jumbo Ball Intake Valve	AX Series	AX-PS Series	AP Series	AP-PS Series	AZ Series	AZ-PS Series	AQ Series	AQ-PS Series	AX-RC Series	AP-RC Series
<ul style="list-style-type: none"> <li>• 10 Year Warranty</li> <li>• High Flow 5.25" Waterway</li> <li>• Left or Right Handwheel</li> <li>• Top Hand Crank Location</li> <li>• Electric Remote with Manual Override Knob</li> <li>• With or Without Easily Adjustable Pressure Relief Valve</li> <li>• Drain Valve / Air Bleeder</li> </ul>										
<p><b>Description</b> Elbow, Handwheel, PRV</p> <p><b>Dim Max</b> 17.8"H, 14.0"W, 15.5"D</p> <p><b>List Price</b> \$2700.00</p>	<p><b>Description</b> Elbow, Top Crank, PRV</p> <p><b>Dim Max</b> 18.8"H, 11.5"W, 15.5"D</p> <p><b>List Price</b> \$2700.00</p>	<p><b>Description</b> No Elbow, Handwheel, PRV</p> <p><b>Dim Max</b> 17.4"H, 13.4"W, 12.9"D</p> <p><b>List Price</b> \$2700.00</p>	<p><b>Description</b> No Elbow, Top Crank, PRV</p> <p><b>Dim Max</b> 18.7"H, 11.2"W, 12.9"D</p> <p><b>List Price</b> \$2700.00</p>	<p><b>Description</b> Elbow, Handwheel, No PRV</p> <p><b>Dim Max</b> 12.7"H, 13.4"W, 16.1"D</p> <p><b>List Price</b> \$2435.00</p>	<p><b>Description</b> Elbow, Top Crank, No PRV</p> <p><b>Dim Max</b> 14.6"H, 11.2"W, 16.1" D</p> <p><b>List Price</b> \$2435.00</p>	<p><b>Description</b> No Elbow, Handwheel, No PRV</p> <p><b>Dim Max</b> 12.7"H, 13.8"W, 12.1"D</p> <p><b>List Price</b> \$2435.00</p>	<p><b>Description</b> No Elbow, Top Crank, No PRV</p> <p><b>Dim Max</b> 14.6"H, 11.2"W, 12.1"D</p> <p><b>List Price</b> \$2435.00</p>	<p><b>Description</b> Elbow, Electric, PRV</p> <p><b>Dim Max</b> 17.9"H, 11.2"W, 16.1"D</p> <p><b>List Price</b> \$4700.00</p>	<p><b>Description</b> No Elbow, Electric, PRV</p> <p><b>Dim Max</b> 17.9"H, 11.2"W, 12.1"D</p> <p><b>List Price</b> \$4700.00</p>	

The TFT Ball Intake Valve (BIV) is being replaced by the Jumbo BIV and Jumbo Low Profile BIV making selection of a high performance pump inlet valve much easier.

Choose from one of the series above.

Standard Ball Intake Valve	BEGINNING IN 2021 THESE MODELS WILL BE REPLACED									
	AB Series	AB-PS Series	ABS Series	ABS-PS Series	AC Series	AC-PS Series	ACS Series	ACS-PS Series	AB-RC Series	ABS-RC Series
<ul style="list-style-type: none"> <li>• 5 Year Warranty</li> <li>• Low Flow 3.65" Waterway</li> </ul>										
<p><b>Description</b> Elbow, Handwheel, PRV</p> <p><b>Dim Max</b> 15.6"H, 13.0"W, 14.0"D</p>	<p><b>Description</b> Elbow, Top Crank, PRV</p> <p><b>Dim Max</b> 16.0"H, 11.5"W, 14.0"D</p>	<p><b>Description</b> No Elbow, Handwheel, PRV</p> <p><b>Dim Max</b> 16.2"H, 13.4"W, 11.0"D</p>	<p><b>Description</b> No Elbow, Top Crank, PRV</p> <p><b>Dim Max</b> 17.8"H, 11.2"W, 11.0"D</p>	<p><b>Description</b> Elbow, Handwheel, No PRV</p> <p><b>Dim Max</b> 13.0"H, 13.4"W, 13.5"D</p>	<p><b>Description</b> Elbow, Top Crank, No PRV</p> <p><b>Dim Max</b> 14.4"H, 11.2"W, 13.5"D</p>	<p><b>Description</b> No Elbow, Handwheel, No PRV</p> <p><b>Dim Max</b> 11.6"H, 13.4"W, 11.0"D</p>	<p><b>Description</b> No Elbow, Top Crank, No PRV</p> <p><b>Dim Max</b> 13.5"H, 11.2"W, 11.0"D</p>	<p><b>Description</b> Elbow, Electric, PRV</p> <p><b>Dim Max</b> 16.8"H, 11.2"W, 14.0"D</p>	<p><b>Description</b> No Elbow, Electric, PRV</p> <p><b>Dim Max</b> 16.8"H, 11.2"W, 11.0"D</p>	

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