

Introducing the First 3" PN16 Composite Material Air Valve



A.R.I. D-46 P 3" is a Full-bore, PN16 Combination Air Valve, engineered for large-scale liquid transmission systems. Building upon the dynamic high-performance features of our field-proven 2" model, this innovative 3" valve introduces a unique high-capacity air management system within a lightweight, corrosion-resistant composite material body.

- High air flow performance
- Durable lightweight body
- Non-corrosive operating parts
- Engineered for reliability & simplicity
- All operating parts in one replaceable cartridge
- Maintained without dismantling from the pipeline

Full Bore. Full Composite. Full Performance.

Features & Benefits

Surge Protection

Optional add-on adjustable spring loaded NS (Non-slam) valve



Contaminant Control Screen

Prevents intrusion of insects and debris.

Automatic Air Release Valve

Rolling Seal

Leak-free sealing over a wide range of pressure differentials.

Discharge Outlet

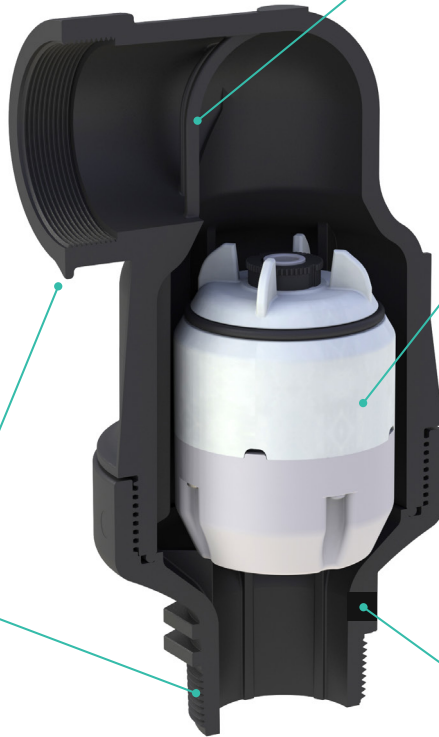
Threaded connection with integrated drip edge.

Connection Type

Threaded and flange options

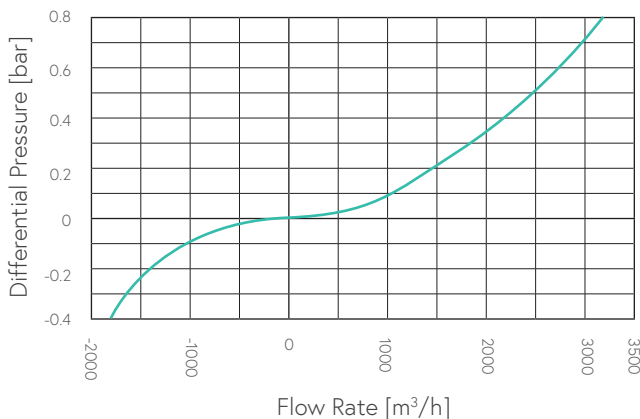
Pressure Release Connection

Enables performance of safe, easy maintenance (optional).



Model	Dimensions (mm)		Outlet	Weight (kg)	Orifice Area (mm ²)	
	Width	Height	Connections		A / V	Auto.
3" (80mm) TRH	171	330	3" BSP/NPSM F	3.05	5027	14
3" (80mm) FL	208	336	3" BSP/NPSM F	3.85	5027	14

Air & Vacuum Flow Rate



Automatic Air Release Flow Rate

