

## Specification: X Series, Pressure Air Release Head Assembly (PX), AWWA C-512, 2"-4"

### GENERAL

Pressure Air Release valves shall be designed to release accumulations of air at high points within a pipeline.

### BODIES

The valve shall have an interchangeable "drop-in-head" assembly for easy cleaning. Valves requiring on-site backwashing are not acceptable. The valve body and interchangeable "drop-in-head" assembly shall be cast or fabricated 316 stainless steel, and shall incorporate a "sanitary" clamp to attach the head assembly to the body at the outlet. Valves that use "conventional" bolting to attach the cover flange to the body are not acceptable. The flange clamp must be located at the outlet of the body for ease of cleaning and maintenance. Other clamping locations are not acceptable.

### INTERNALS

All non-sealing internal metal components shall be 316 stainless steel. Plastic, nylon or fiberglass components will not be acceptable. The valve shall incorporate an Air Release orifice of either 3/16" or 3/8" for use at 200psi. This orifice will be located in the outlet of the valve, and shall be drilled in a 316 stainless steel orifice plate that seals against a Buna-N rubber seal. Valves with seals that flex or "roll" will not be acceptable.

### GENERAL

Valves shall have a standard working pressure of 20-200psi

### COMPLIANCE

The valve must meet or exceed AWWA C-512 Standards, and must also be compliant with AIS (American Iron & Steel Act) requirements.

### PRE-INSTALLATION TRAINING

The supplier or manufacturer shall include and provide pre-installation training for the supplied valves in accordance with the manufacturer's recommended training manual.

### SITE COMMISSIONING

The Valve Vendor or Manufacturer shall provide the services of a factory trained and authorized Manufacturer's Representative for a sufficient period of time as required to insure proper adjustment, installation, and operation of the valve. Pre-installation shall be required prior to the delivery of the valves to the selected installers.

### ACCEPTABLE MANUFACTURER

The valve shall be Crispin "PX Series," as manufactured by Crispin/K-Flo of Berwick, PA.

**Certified Dimensions Available Upon Request.**



PRODUCT LINE	DATE	REVISION
X Series 316 SS Air Valve, Sizes 2" -6"	12/6/22	0
SHEET	DOC. NO.	
Specification: PX Series, 2" -4"	D-AV-PX-SPEC-r0	