

Specification: X Series Valve, Air & Vacuum Head Assembly (AX), AWWA C-512, 2"-6"

GENERAL

Air and Vacuum valves shall be designed to release large volumes of air at system high points as the pipeline is being filled. Air and Vacuum valves shall also be designed to permit large volumes of air to enter the pipeline during pipeline drainage to protect against vacuum damage.

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.

RATINGS

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 "AX 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: AX Series, 2" -6"	D-AV-AX-SPEC-r0	