

Specification: X Series, Combination Head Assembly (UX), AWWA C-512, 1"-6"

GENERAL

Combination Air valves shall release accumulations of air at high points within a pipeline by exhausting large volumes of air as the pipeline is being filled, and then by releasing accumulated pockets of air while the pipeline is in operation and under pressure. Combination air valves shall also be designed to permit large volumes of air to enter the pipeline during pipeline drainage.

BODIES

Combination Air valves shall be heavy-duty "Universal" style single body units incorporating the functions of an air and vacuum valve with an air release valve in a single housing. The air release valves shall be specifically designed to operate with liquids carrying solid particles such as sewage and effluent.

INTERNALS

The valve body internal metal components shall be cast or fabricated 316 stainless steel. The internal float shall be of 316 stainless steel. No plastic or fiberglass components will be acceptable. The valve shall incorporate an air release orifice of 3/16" or 5/32" for use at 20-200 psi. This orifice shall be located on the outlet of the valve, and shall be drilled in a 316 stainless steel orifice plate that seals against a Buna-N rubber seat. The inlet and outlet size must be nominal, having NPT or ANSI Class 150# flanged inlets.

GENERAL

Valves shall have a standard working pressure of 2-200psi

COMPLIANCE

The valve must be 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 "UX 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: UX Series, 1"-6"	D-AV-UX-SPEC-r0	