

Product Descriptions

The UL Listed designation as NEWAGE AV-4, NEWAGE AV-6 Alarm Check Valves 4" / 6" are designed for use in wet pipe systems and maybe installed in the vertical or horizontal position with the appropriate trim package. The model 4" and 6" water flow alarm check valves are installed between the water supply and the riser for sprinkler systems and open in the event of an activation of the sprinkler system in a fire situation or during periodic testing of the system. Trim packages are available to connect to a water motor driven gong and options include electrical or pressure switches which maybe used to activate the fire pump and/or send an additional signal to monitoring or alarm devices.



Trim Packages Available

- ◆ Vertical trim for the Alarm Check Valve installed vertically.
- ◆ Horizontal trim configuration for the Alarm Check Valve installed Horizontally.

Trim Packages Include

- ◆ All required pipe and fittings
- ◆ All standard trim accessories
- ◆ All required gauges
- ◆ Model F Retard Chambers
- ◆ Model F-I Water Motor Gong

Optional Accessories

- ◆ Retard Chamber - Required when the Alarm Check Valve is installed in variable pressure installation in order to reduce the possibility of false alarm.
- ◆ Water Motor Alarm Gong - The Alarm Check Valve is designed to activate a mechanical call alarm when a flow of water (such as an sprinkler) cause the alarm check's clapper to lift from its seat.
- ◆ Alarm Pressure Switch - The Alarm Check Valve is designed to allow the installation of pressure switches to activate electric alarms and control panels when a flow of water (such as open sprinkler) causes the alarm check's clapper to lift from its seat.

Material Specification

- ◆ Body : Cast Iron ASTM A48 Class 35
- ◆ Cover : Cast Iron ASTM A48 Class 35
- ◆ Clapper : AISI 304 Stainless Steel
- ◆ Rubber : NBR
- ◆ O-Ring : NBR
- ◆ Seat Ring : ASTM B584 C83600
- ◆ Hinge Pin : AISI 304 Stainless Steel

Technical Data

- ◆ Water working pressure rating : 75 psig (12.3 bar)
- ◆ Factory hydrostatic test pressure : 350 psig (24.6 bar)
- ◆ US standard flange inlet and outlet : ANSI B16.5 (150 lb) connection flange
- ◆ Approval : UL Listed

Dimension (mm)				
Model	Size	L	C	D
NEWAGE AV-4	4"	229	190.5	100
NEWAGE AV-6	6"	255	241.5	150