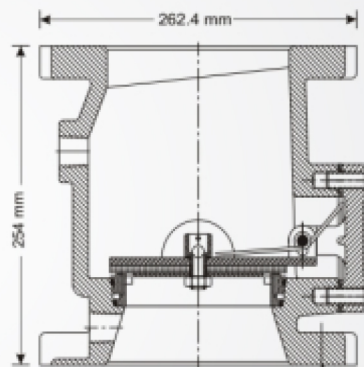


Alarm Valve

(Available in 4 & 6 inches)



Assembly Diagram



The Newage Alarm check valve, available in 4" (100mm) and 6" (150mm) sizes features a grooved seat alarm port, an external by-pass, and removable hand hole cover which is hinged to a clapper assembly.

The valve has both flanged inlet and outlet, and is to be installed vertically on a wet pipe sprinkler system, and has capability of initiating the required alarm through a water motor alarm or an electric pressure switch.

Alarm Check Valve	4 Inches	6 Inches
Nominal Size	4" (100 mm)	6" (150 mm)
Inlet / Outlet Flange Connection	ANSI B16.5 Class 150#	ANSI B16.5 Class 150#
Flange PCD	190.5mm	241.3mm
Rated Working Pressure	175 psig (12 bar)	175 psig (12 bar)
Test Pressure	350 psig (25 bar)	350 psig (25 bar)
Working Pressure Range	21 psig ~ 200 psig (1.5 ~ 14 kgf/cm ²)	21 psig ~ 200 psig (1.5 ~ 14 kgf/cm ²)
Max Flow Rate	550gpm (2100 lit/min)	790gpm (3000 lit/min)
Non actuating flow rate	Below 4gpm (15 l/min)	Below 4gpm (15 l/min)
Maximum friction loss (equivalent length of pipe c=120)	40 ft	40 ft
Certification	UL Listed (File EX15808)	UL Listed (File EX15808)
Weight	20 Kgs	37 Kgs
Standard Components	Pressure gauges, Water Motor Gong , Drain valve, Alarm test units	Pressure gauges, Water Motor Gong , Drain valve, Alarm test units
Optional Items.	Pressure Operated Switch, Retard Chamber	Pressure Operated Switch, Retard Chamber

Material Specification

BODY	Cast Iron	ASTM B16 C36000
COVER	Cast iron	ASTM A126 class A
CLAPPER	Stainless Steel	ASTM A126 class A
SEAT SEAL	Synthetic rubber	ASTM A276 S30400
SEAT RING	Cast Bronze	E701N
TORSION SPRING, HINGE PIN, CLAMP RING	Stainless Steel	ASTM B584 C83600
CLAPPER BOLT	Brass Rod	ASTM A276 S30400
NUT	Stainless Steel	ASTM A276 S30400

Newage reserves the right to modify any specification without prior notice. It is recommended that Newage be contacted to ensure that the current issues of all technical data sheets are used