



AUTOMATIC CONTROL VALVES

WATTS ACV is a hydraulically operated, diaphragm actuated automatic control valve. The valve opens fully when there is no pressure on the cover chamber and valve closes when line pressure is directed into the cover chamber. A control pilot will be connected directly to the control valve through tubing or piping which commands the valve to act such as Pressure Reducing, Altitude Valve, Relief Valve, Deluge Valve and etc.

Size Range : 32mm to 600mm (1¼" to 24")
 Body Material : Ductile Iron, Cast Bronze
 Diaphragm : Nylon reinforced Buna-N Rubber
 Working Pressure : Up to 250 P.S.I. (Standard)
 : 500 P.S.I. (Optional)
 Temperature : Up to 90°C
 Connection : Threaded End, Flanged End to PN16,
 PN25, ANSI B16.5

Type of valves available :

- | Type of valves available : | Model |
|----------------------------------|-----------------------|
| • Pressure Reducing Valve | › M6115/M115 |
| • Altitude Valve | › M6127H-1/M127H-1 |
| • Surge Anticipator Relief Valve | › M6116-51/M116-51 |
| • Rate of Flow Control Valve | › M6114R/M114R |
| • Modulating Float Valve | › M6110-10/M110-10 |
| • Pump Control Valve | › M6113-46/M113-46 |
| • Relief / Sustaining Valve | › M6116/M116 |
| • Deluge Valve UL/FM Approved | › ACV100D-A/ACV100D-B |

Features

- * Only 3 major components - Cover, Stem Assembly and Body
- * 100% fused epoxy coating internally and externally
- * One piece flat diaphragm designed, absolute no friction to the rubber diaphragm against the basic valve
- * Simplified maintenance, no special tools and skill required



DIRECT ACTING PRESSURE REDUCING VALVES

MODEL: 25AUB, U5B

WATTS Direct Acting Pressure Reducing Valve provides water pressure control solution for residential, commercial and industrial application. It is featured with stainless steel integral strainer, thermal bypass and renewable stainless steel seat.

Size Range : 15mm to 50mm (1/2" to 2")
 Body Material : Bronze
 Diaphragm : Reinforced Buna-N Rubber
 Adjustment Range : 25 to 75 P.S.I. , 10 to 35 P.S.I.
 Working Pressure : Up to 300 P.S.I.
 Temperature : Up to 80°C
 Connection : Threaded End

BACKFLOW PREVENTERS

MODEL: 007, LF009, LF909, 909RPDA

WATTS Backflow Preventer prevent the reverse flow of polluted water from entering into the potable water supply due to back-siphonage or backpressure. It consists of two in-line independent check valves with an intermediate relief valve and ball valve test cocks. It is ideal for health hazard cross-connections or for containment at the service line entrance.

Size Range : 6mm to 250mm (1/4" to 10")
 Type : Double Check Valve Assemblies,
 Reduced Pressure Zone Assemblies
 Body Material : Bronze, Cast Iron
 Working Pressure : Up to 175 P.S.I.
 Temperature : Up to 75° C
 Connection : Threaded End,
 Flanged End ANSI 125

WATTS ACV USA



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