

HOW TO ORDER

To order the "right ACV"

please provide the following:

Refer to valve specifications beginning on page 6 and the selected ACV # for detail list of standards/options.

ACV #

SIZE

Main Valve Material

- Ductile Iron / Epoxy
- Other

Body Type

- Globe
- Angle

End Connection

- Threaded
- Flanged 150#
- Flanged 300#
- Grooved

Trim (Seat)

- Brass (Standard)
- Stainless Steel

Elastomers

- Buna-N (Standard)
- Other

Options or accessories as noted.

Additional information should be included for the following series of ACV's

ACV 501 Float Valves

- Pilot mounting

Valve mounted

- Valve discharge vertical
- Valve discharge horizontal

Remote mounted

ACV 801 Solenoid Valves and Solenoid Override on any ACV

- Voltage

- Actuation

- Energized to open main valve
- Energized to close main valve

ACV 113/413/513 Pump Control Valve

- Voltage

ACV 114 Rate of Flow Valve

- Desired flow rate

- Flow direction

- Over the seat "R"
- Under the seat

ACV 115 Pressure Reducing

- Desired outlet pressure

ACV 116 Pressure Relief/Sustaining

- Desired pressure setting

ACV 127 Altitude Valves

- Tank height (spring range)

Individual Technical Bulletins are available for the ACV's listed in this catalog.

Information Includes:

- Operational statements
- Installation guidelines
- Start-up instructions

Numerous other functional combinations are available. Consult your Watts ACV representative for application assistance.

METRIC CONVERSIONS

These formulas will assist you in using our Engineering Data when your specifications are in metric.

Volume

___ Liter x 0.264 = ___ U.S. Gallons

___ Cubic Meter (M3) x 264.2 = ___ U.S. Gallons

Flow

___ Liter/Sec x 15.85 = ___ GPM

___ Cubic Meter (M3)/Hr x 4.403 = ___ GPM

Length

___ Meter x 39.67 = ___ Inches

___ Meter x 3.28 = ___ Feet

Pressure

___ Kilo Pascal (kPa) x 0.145 = ___ PSIG

___ Kg/Cm2 x 14.19 = ___ PSIG

___ Bar x 14.5 = ___ PSIG

___ Meter of Water x 3.28 = ___ Feet of Water (Head)

___ Meter of Water x 1.419 = ___ PSIG

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