

Pilot-Operated Pressure Regulator Cutaway



Model: 273-120

DAC Worldwide's Pilot-Operated Pressure Regulator Cutaway (273-120) depicts a common industrial pilot-operated pressure reducing valve as commonly found in steam and liquid service in refineries, petro-chemical plants, oil & gas applications, as well as within other industrial, commercial, and manufacturing environments. These unique regulators, utilized as self-powered control valves, use inlet pressure as an operating medium, which eliminates the need for an external signal. The device includes a powder-coated, formed-steel mounting baseplate assembly, allowing for stand-alone display, bench-top mounting, or mounting on specialized related optional mounting benches and display structures. Through careful sectioning, the complete internal flow paths and active components of both the primary process regulator and the pilot can be seen, while also allowing for disassembly for more complete inspection. All primary features have been retained and are showcased through strategic sectioning and color-coding.

FEATURES & SPECIFICATIONS

- Sectioning of actual industrial components. (Both the primary and pilot regulators are cut away)
- Common component brands and models from leading US manufacturers are chosen for industrial training relevancy. (1/2" -3/4" NPS varieties are most often selected.)
- Cleaning, priming, and painting, using a high-durability polyurethane coating.
- All internal main process valve components, including main valve spring, diaphragm, valve plug, gasket, pilot tube and full porting are visible.
- Full pilot regulator cutaway showcasing the pilot regulating spring, adjusting screw, diaphragm, stem, o-rings, diaphragm head, pilot valve spring, pilot valve plug and all porting shown.
- 13-Gauge, formed-steel, powder-coated, mounting baseplate, with component attachment brackets.
- Provision for mounting on related bench, workstation, and display products

PRODUCT DIMENSIONS

- 9-in. L x 9-in. W x 10-in. H (230 x 230 x 250 mm)

- 27 lbs. (12.5 kg)

OPTIONS

- Recommended #902V - Mobile Display Stand

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