



First choice when
quality counts.™

Heated Pressure Compensating Valve

**Pressure
compensating
valves provide
consistent
bead control**

Graco's heated pressure compensating valves for heated and hot melt adhesives are accurate, adjustable control devices that ensure consistent material flow when used in manual or automatic dispensing applications.

Pressure compensating valves minimize the effects of pressure changes from the supply pump. Eliminating surge variations adds repeatable consistency to the application process.

Graco pressure compensating valves are also available as non-heated models to serve a wide range of sealant and adhesive characteristics and viscosity requirements.

Why Use Graco Pressure Compensating Valves?

Bead Control

Graco pressure compensating valves regulate pressure even during stall-out conditions, which eliminates the initial surge of material at the point of dispense.

Material Compatibility

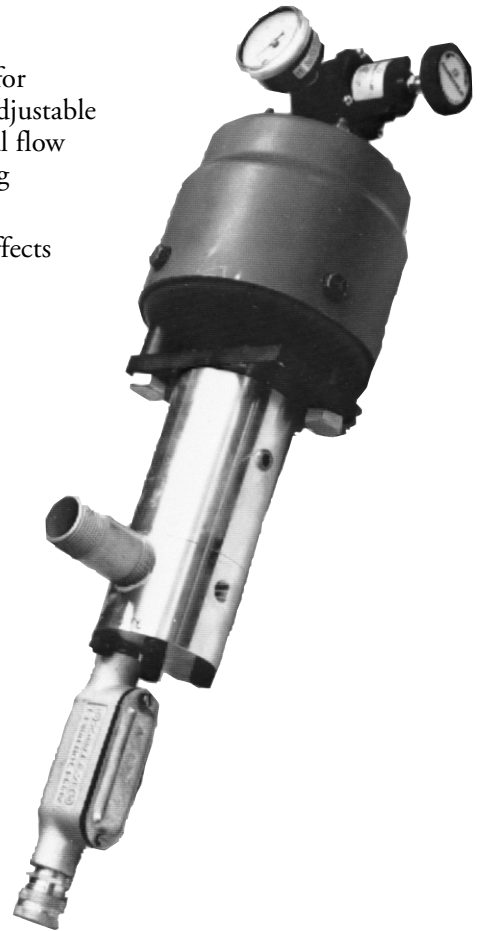
Graco pressure compensating valves are available in both heated and non-heated models for maximum fluid versatility.

Viscosity Flexibility

Graco pressure compensating valves are available in two pressure ratio ranges (19:1 and 51:1), satisfying a wide range of medium-to-high viscosity material applications.

Rugged Reliability

Key wear points are titanium nitride-coated for maximum useful life.



SEALANT ADHESIVE EQUIPMENT

Ordering Information

Heated Pressure Compensating Valve

C07-160 with ratio 19:1

C07-159 with ratio 51:1

Packages:

970-013 Heated Pressure Compensating Valve

Includes: 4-zone control panel, 7/8 in. x 20 ft. (6.1 m) heated inlet fluid hose, heated pressure compensator, 1/2 in. x 6 ft. (1.8 m) heated outlet fluid hose, and heated automatic snuff back dispense valve with nozzle.

970-064 Hot Melt Pressure Compensating Valve

Includes: 7/8 in. x 20 ft. (6.1 m) heated inlet fluid hose, heated pressure compensator, 1/2 in. x 6 ft. (1.8 m) heated outlet fluid hose, and heated automatic snuff back dispense valve with nozzle. All heated zones are controlled by the Therm-O-Flow supply pump package.

For information on Ambient Pressure Compensating Valves, see Data Sheet 305-570.

Technical Specifications

Mounting bracket

Fluid inlet 1 npt(f)

Maximum fluid inlet pressure 5000 psi
(34.0 MPa, 340 bar)

Fluid outlet 1 npt(f)

Air inlets 1/4 npt(f)

Maximum air inlet pressure . . . 100 psi (0.68 MPa, 6.8 bar)

Power requirement 120 VAC

Accessories

C07-112 Mounting Bracket

C59-620 Compensator, Hose and Manual Gun Kit

Includes: 19:1 heated pressure compensator, 5/8 in. x 15 ft. (4.6 m) heated hose, hose hanger, swivel, heated top inlet manual gun and 4 mm orifice nozzle.

Typical System Installation

Typical pressure compensator set-up with supply pumps, feed hoses and dispense gun.

