



First choice when  
quality counts.™

# Pressure Compensating Valve for Ambient Materials

**Pressure  
compensating  
valves provide  
consistent  
bead control**

Graco's pressure compensating valves for ambient sealants and 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 fluid supply pump. Eliminating surge variations adds repeatable consistency to the application process.

Graco pressure compensating valves are also available in heated models to serve a wide range of hot melt adhesive characteristics and viscosity lowering requirements.

## **Why Use Graco Pressure Compensating Valves?**

### **Bead Control**

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

### **Material Compatibility**

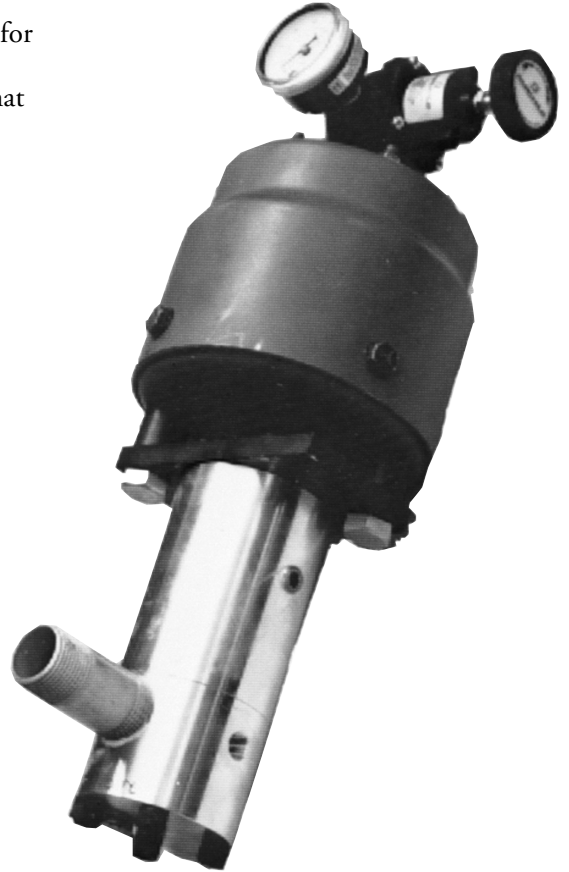
Graco pressure compensating valves are available in both heated and non-heated models for maximum fluid versatility.

### **Viscosity Flexibility**

Graco pressure compensating valves are available in two pressure ratio ranges (19:1 and 41:1), 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

### Ambient Pressure Compensating Valve

**C07-198** with ratio 19:1

**C07-168** with ratio 41:1

### Package:

**970-012 Pressure Compensating Valve, Ambient**

Includes: 1 npt ball valve, 1 in. x 20 ft. (6.1 m) fluid hose, pressure compensator, 5/8 in. x 6 ft. (1.8 m) fluid hose, hose swivel, and automatic snuff back dispense valve with nozzle.

For information on Heated Pressure Compensating Valves, see Data Sheet 305-742.

## Technical Specifications

**Mounting** . . . . . 73 in. (1850 mm)

**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)

## Accessory

**C07-112 Mounting Bracket**

## Typical System Installation

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

