



# Heated Fluid Regulator

Provides Precision Dispense for Therm-O-Flow® Systems



## Maintains fluid pressure for consistent bead control

- Provides consistent bead width without pump cross-over effects
- Precise output and superior material delivery rates
- Dual element heater provides controlled temperature – no material charring or plugging
- For hot-melt adhesives and non-water-based temperature conditioned sealants and adhesives
- Precision pressure control from 200 to 3000 psi

PROVEN QUALITY. LEADING TECHNOLOGY.



# Regulates fluid pressure for sealants and viscous materials

## Technical Specifications

Maximum fluid working pressure . . . . .	3000 psi (21 MPa, 210 bar)
Regulated fluid pressure range . . . . .	200-3000 psi (1.4-21 MPa, 14-210 bar)
Maximum flow rate . . . . .	1.2 gpm (4.56 lpm)*
Maximum fluid temperature . . . . .	400°F (204°C)
Voltage . . . . .	230/240 Vac
Wattage . . . . .	220 W
Resistance temperature detector . . . . .	(platinum RTD; 0.00385 ohm/ohm/°C) 108.2 ohms @ 70°F
Heater resistance individually . . . . .	524 ohms, + 53/- 26 ohms
wired in parallel . . . . .	262 ohms, + 26/- 13 ohms
Fluid inlet . . . . .	3/8 npt(f)
Fluid outlet . . . . .	3/8 npt(f)
Optional fluid outlet . . . . .	1/4 npt(f)
Weight . . . . .	6.5 lb (2.9 kg)
Wetted parts . . . . .	Tungsten carbide, copper, cadmium and zinc-plated steel, PTFE, chrome-plated stainless steel
Manual . . . . .	312396

\*Maximum rated flow rate @ 3000 psi with PSA material. Flow rate will vary depending on pressure and type of material.

### Long life

Tungsten carbide ball and seat design for maximum life in abrasive materials

### Manual pressure adjustment screw

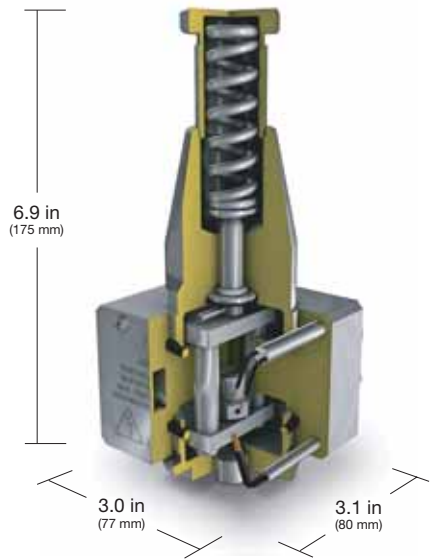
Includes visible pressure range adjustments

### Dual 100W heaters

For rapid heating and stable temperature control

### Compact size

For in-line mounting near dispense point offering consistent bead control



## Ordering Information

### Graco Heated Fluid Regulator

289208 Heated Fluid Regulator

### Accessories

- C34137 Fitting insulation, 1/8 in (3 mm) thick x 2 in (51 mm) wide. Sold by the foot
- C33049 Adhesive tape, high temp for securing insulation (C34137), 1 in (25 mm) x 108 ft (33 m)
- 198422 Wrap, velcro, 10 in x 10 in (250 mm x 250 mm). Covers electrical connection on heated hose
- 198442 Strap, velcro. Use two around ends of wrap (198422) for security
- 113654 Fluid pressure gauge; 0-5000 psi (0-35 MPa, 0-350 bar); 1/4 npt(m) SST
- 196315 15 ft (4.57 m) cable, 16 pin to 8 pin extension cable
- 196316 25 ft (7.62 m) cable, 16 pin to 8 pin extension cable