



First choice when quality counts.™

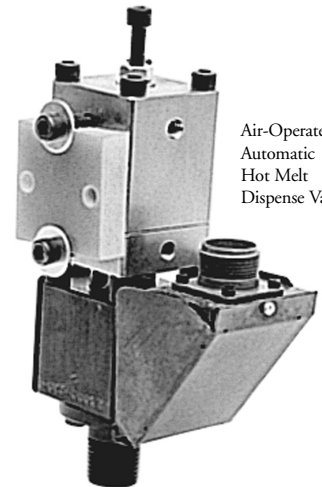
Therm-O-Flow® Dispense Applicators

- Precise temperature control from PID control panel
- RTD sensor provides control panel with signal for heater activation
- Piston-actuated ball and seat design for positive shut off
- Rugged all metal construction

**Precise
temperature-
controlled
automatic and
manual
dispensing of
heated materials**



Manual Hot Melt Flow Gun



Air-Operated
Automatic
Hot Melt
Dispense Valve

Graco offers temperature-controlled, manual and automatic Therm-O-Flow guns for use with five gallon and 55 gallon hot melt extrusion. These guns feature RTD sensors which regulate temperature at the gun to maintain hot melt consistency. Graco Therm-O-Flow guns accept a wide range of nozzle sizes and are compatible with most commonly used bulk hot melt adhesives.

Manual Therm-O-Flow Guns

Manual dispensing guns are available for all Therm-O-Flow pumping systems. These all-metal Graco guns have a pistol-grip style to help you deliver the required performance for your particular production environment. Easy pull trigger, trigger open lock, trigger closed lock. A convenient hanger is also included in the gun design, along with top or bottom hose inlet.

Air-Operated Automatic Therm-O-Flow Valves

Automatic valves control the dispensing of heated materials for robotic or fixtured applications. A customer supplied air signal is required to start and stop the dispense cycle. The valve features a ball and seat design for quick, positive shut off. Flow rate is adjustable.

Typical Applications

- Vapor barrier dispensing
- Insulating glass dispensing
- Product assembly

Typical Fluids Handled

- Hot melt adhesives
- Warm melt materials
- Heat expandable materials
- Heated epoxy or urethane

SEALANT ADHESIVE EQUIPMENT

Technical Specifications

	Manual Gun	Automatic Valve
Heater voltage	120v	120v
Heater wattage	100 w	150 w
Maximum working pressure	2500 psi (17.0 MPa, 170 bar) . . .	2500 psi (17.0 MPa, 170 bar)
Maximum temperature	400°F (205°C)	400°F (205°C)
Sensor type	100 ohm RTD	100 ohm RTD

Ordering Information

Therm-O-Flow Manual Guns (for Therm-O-Flow 5 and Therm-O-Flow 55 supply pump units)

- C34-005 Bottom Inlet Pistol Grip Flow Gun**
with Swivel and Nozzle
- C32-002 Repair Kit (for C34-005)**
- Top Inlet Pistol Grip Flow Gun** with Swivel and Nozzle
- C34-002 FMC model**
- C34-008 T & B model**
- C32-002 Repair Kit (for both)**
- C50-018 Top Inlet Pistol Grip Flow Gun**
with Tapered Needle/Seat
For operator-controlled flow rates
- C32-002 Repair Kit (for C50-018)**

Therm-O-Flow Valves (for Therm-O-Flow 5 and Therm-O-Flow 55 supply pump units)

- C34-068 Double-Acting Dispense Valve**
Inlet: 1/2 npt(f). Outlet: 1/8 npt(f).
- C34-069 Repair Kit (for C34-068)**
- C34-079 High-Flow Double-Acting Dispense Valve**
120 volt
Inlet: 1/2 npt(f). Outlet: 1/2 npt(m).
- C34-080 Repair Kit (for C34-079)**

Heated Snuff Back Gun

- 918-483 Automatic Heated Snuff Back Gun**
- 918-639 Automatic Heated Snuff Back Gun,**
PrecisionSwirl
- 918-520 Repair Kit (for 918-483 and 918-639)**

Accessories

- 970-075 Kit, Single Hose/Gun/Panel**
Includes: 5/8 in. x 15 ft. (4.6 m) heated hose,
swivel, heated manual gun and 2-zone temperature
control panel. Requires 120v, 50/60 Hz, 7.1 FLA
power drop.
- 690-383 Air Flow Control Valve**
Allow adjustment of dispense or refill rate.
Inlet: 1/8 npt(f). Outlet: 1/8 npt(f).
- 513-468 Foot Switch**
Four way air valve, foot-actuated, safety-guarded.
Air inlet: 1/4 npt(f).
Normally open outlet: 1/4 npt(f).
Normally closed outlet: 1/4 npt(f).
- 692-040 Electric Signal Kit**
Senses position of piston within the air cylinder. Can
be used to generate electric signals to identify when
dispense and refill cycles are completed. Adjustable
position. Requires 5 to 30 VDC input. Provides
current sinking outputs. Includes (2) switches and
mounting hardware.
- 110-147 Air Pressure Regulator with Gauge**