



First choice when
quality counts.™

DDV™ Diaphragm Dispense Valve

- **Reverse-acting design provides no-drip shut-off**
- **Diaphragm rear seal allows for completely leak-free operation**
- **Compact size makes the unit adaptable for installation in even the most confined areas, or ganging of multiple valves**

**For accurate
shot metering
during small
parts assembly
& encapsulation**



SEALANT ADHESIVE EQUIPMENT

Graco's Diaphragm Dispense Valve (DDV) is a highly precise application tool suitable for application of moisture-sensitive sealant or adhesive. Its diaphragm seal prevents premature curing of material and yet is fully usable at higher pressures. DDVs are made to deliver a wide range of shot sizes and can be integrated into automated applications.

This compact valve has only two wear parts: O-ring and diaphragm. Both of these parts are simple and inexpensive to service. Graco's DDV is designed for precise dispense and built to last!

Typical Fluids Handled

- Adhesives
- Potting compounds
- Encapsulants
- Sealants
- Plastisols
- Lubricants
- Greases

Typical Applications

- Apply moisture cure materials precisely
- Electrical potting applications
- Product assembly
- Encapsulants

Technical Specifications

Max. fluid inlet pressure 1000 psi (7 MPa, 70 bar)
Max. air inlet pressure 120 psi (0.8 MPa, 8 bar)
Min. air inlet pressure 60 psi (0.4 MPa, 4 bar)
Fluid inlet 1/4 npt(f)
Air inlets (requires 4 way air valve) (2) 10-32 un(f)
Dimensions 3.11 in. L x 1.38 in. W x 1.38 in. D
(80 mm L x 35 mm W x 35 mm D)
Weight 14 oz (0.4 kg)
Mounting (2) 0.27 in. (7 mm) diameter thru holes
Wetted parts 300 Series SST, 18-8 SST, Teflon®

Teflon® is a registered trademark of Du Pont.

Accessories

104-658 Quick Exhaust Valve
Optimizes no-drip shut-off feature.
Inlet: 10-32 un(f). Outlet: 10-32 un(m).

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).

Ordering Information

692-022 Diaphragm Dispense Valve