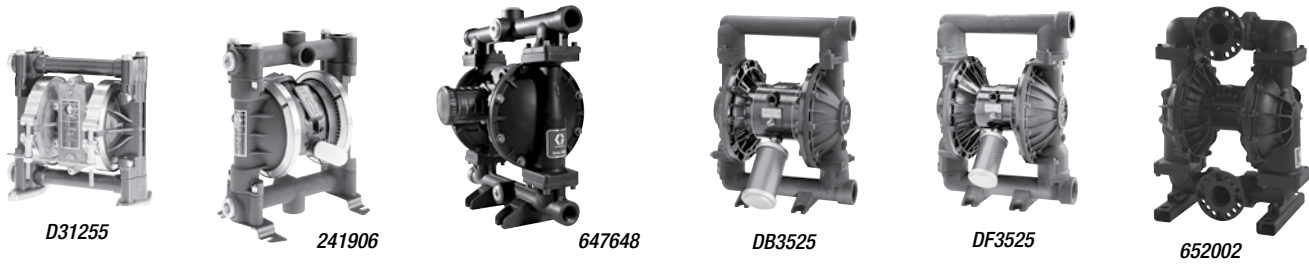


Diaphragm Pumps and Accessories

Air-Operated Double Diaphragm Transfer Pumps



Ordering Information and Technical Specifications

| Key | OT = Oil Transfer | OE = Oil Evacuation | WA = Water, Anti-Freeze | FD = Fuel Dispense (with 50 psi relief valve) | FT = Fuel Transfer | WWS = Windshield Wash Solution | | | | | | |
|---|-------------------|-----------------------------|-------------------------|---|--------------------|--------------------------------|---------------------|---------------------------|---------------------------------|---------------|--------|--|
| Body/Diaphragm Description | Part Number | Typical Application | Max. Air SCFM | Air Inlet NPT | Max. psi (bar) | Fluid Inlet/Outlet | Free Flow gpm (lpm) | Air Valve Replacement Kit | Kits (Seats, Balls, Diaphragms) | Diaphragm Kit | Manual | |
| 307 3/8 in Diaphragm Pump Acetal/TPE | D31255 | OT, WA, WWS | 7 ⁽¹⁾ | 1/4 | 100 (7.0) | 3/8 | 7 (31.8) | 239952 | D03255 | D03005 | 308553 | |
| 515 3/4 in Diaphragm Pump Acetal/Buna Dual Inlet | 243669 | 50/50 WWS, WA | 28 ⁽¹⁾ | 1/4 | 100 (7.0) | 3/4 | 16 (60.6) | 241657 | D05277 | D05007 | 309204 | |
| 716 3/4 in Diaphragm Pump Aluminum/Buna N | 241906 | OT, OE, WA, WWS | 28 ⁽¹⁾ | 1/4 | 100 (7.0) | 3/4 | 16 (61) | 241657 | D05277 | D05007 | 308573 | |
| 1 in Diaphragm Pumps 1050A Aluminum/TPE (UL) | 647016 | OE, WA, FT (lead fuel only) | 67 | 1/2 | 100 (7.0) | 1 | 50 (189) | 24B766 | Seats-24B634 and Balls-24B639 | 24B624 | 313597 | |
| 1050A Aluminum/TPE (UL) | 647648 | FD | 20 ⁽²⁾ | 1/2 | 50 (3.4) | 1 | 32 (121) | | | | 313597 | |
| 1050A Aluminum/TPE | 647666 | OT, OE, WA | 67 ⁽²⁾ | 1/2 | 125 (8.6) | 1 | 50 (189) | | | | 312877 | |
| 1590 1-1/2 in Diaphragm Pump Aluminum/TPE | DB3525 | OT, OE, WA | 90 ⁽³⁾ | 1/2 | 120 (8.3) | 1 1/2 | 90 (341) | 236273 | D0B525 | D0B005 | 308441 | |
| 2150 2 in Diaphragm Pump Aluminum/TPE | DF3525 | OT, OE, WA | 175 ⁽³⁾ | 1/2 | 120 (8.3) | 2 | 150 (567) | 236273 | D0F525 | D0F005 | 308368 | |
| 3300 3 in Diaphragm Pump Aluminum/TPE | 652002 | OT, OE, WA | 335 ⁽³⁾ | 3/4 | 125 (8.6) | 3 | 280 (1,060) | 24K855 | Seats-24K932 Balls-24K937 | 24K901 | 3A0410 | |

NOTE: All pumps are 1:1 ratio ⁽¹⁾ Max air use at 100 psi (7.0 bar) ⁽²⁾ Max air use at 125 psi (8.6 bar) ⁽³⁾ Max air use at 120 psi (7.0 bar)

Mounting Accessories

| Pump | 307 | 515/716 | 1050 | 1590 | 2150 | 3275 |
|---|----------------------------|-------------------|----------------------------|--------|--------|--------|
| Air Line Filter | 110146 | | 106148 | 106149 | 106150 | 106150 |
| Air Regulator and Gauge | 110147 | 110147 | 244844 | 202858 | 206199 | 207651 |
| Air Quick-Connect Coupler | 208536, 1/4 npt(f) | | 110199, 1/2 npt(f) | | | N/A |
| Air Quick-Connect Nipple | 169970, 1/4 npt(m) | | 110196, 1/2 npt(f) | | | N/A |
| Bleed Type Air Valve | 110223 | | 110224 | 110225 | | 110226 |
| Wall Bracket | 224835 | | 24C637 | N/A | N/A | N/A |
| Thermal Relief Kit | 238899 | 238428 | | N/A | N/A | N/A |
| Thermal Relief Valves 150 psi (10.3 bar) | 113497 al/bn, 112119 ss/ff | | 113497 al/bn, 112119 ss/ff | | | |
| Grounding Wire and Clamp | 222011 | | | | | |
| Suction Hose Kit | 236054 | | | N/A | N/A | N/A |
| Flange Adapter Kit | N/A | N/A | N/A | N/A | N/A | N/A |
| Dual Inlet Manifold | N/A | 243669* | 24D205 | N/A | N/A | N/A |
| Instruction Manual | 308553 | 308573 and 308981 | 308326 and 308479 | 308441 | 308368 | 308639 |

*Includes the dual inlet manifold.