

# Mini Fire-Ball® 225 3:1

## Air-Powered Oil Pumps and Packages

### Features and Benefits

- In-line design with fewer parts for less pump wear
- Differential air motor ensures smooth pumping
- Double-acting pump provides reliable fluid flow

### Typical Applications

- Lubricant transfer
- Automotive dealerships
- Heavy-duty dealerships
- Fast lube centers
- Fleet service facilities
- Service shops
- In-plant
- Lube trucks
- Mining

### Typical Fluids Handled

- Petroleum- and synthetic-based oils

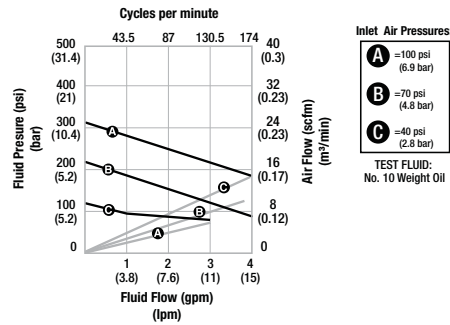
### Technical Specifications

|   |   |
|---|---|
| Cycles per Gallon.....                              | 43.5 (11.4 liters)  |
| Fluid Flow gal/min @ 80 cpm .....                   | 1.84 (7.0 liters)   |
| Maximum Fluid Pressure .....                        | 540 psi (37 bar)  |
| Air Motor Effective Diameter.....                   | 2.25 in (57.2 mm)   |
| Air Operating Range .....                           | 40-180 psi (2.8-12 bar)   |
| Approx. Air Use and Flow @ 100 psi and 80 cpm ..... | 8.5 scfm @ 2.1 gpm, (0.241 m <sup>3</sup> /min @ 7.9 lpm)   |
| Wetted Materials .....                              | Steel, Buna-N, Polyurethane, Aluminum, Rulon®   |
| Air Inlet Port Size .....                           | 3/8 in npt(f)   |
| Fluid Inlet Port Size .....                         | 1-1/2 in npt(f)   |
| Fluid Outlet Port Size.....                         | 1/2 in npt(f)   |
| Line Length‡ .....                                  | Up to 250 ft (76.2 m)   |
| Dispense Points .....                               | 1 to 2  |
| Annual Usage .....                                  | Up to 35,500 gal (132,000 l)  |
| Typical Applications.....                           | Continuous duty, maintenance facility dispensing motor oil, gear oil, automatic transmission fluid, hydraulic fluid |

### Ordering Information

| Mini Fire-Ball 225 3:1 Pump |   |
|-----------------------------|---|
| 248097                      | 3:1 Universal Oil Pump with suction tube (15C502) and bung adapter (222308) |
| 246775                      | 3:1 Universal Oil Pump  |

### Pump Performance



246775

‡ Consult your local authorized Graco representative for line or pipe sizing