



## PRESSURE CLEANING PUMPS 4:1 RATIO (400 PSI)...3 GPM\*

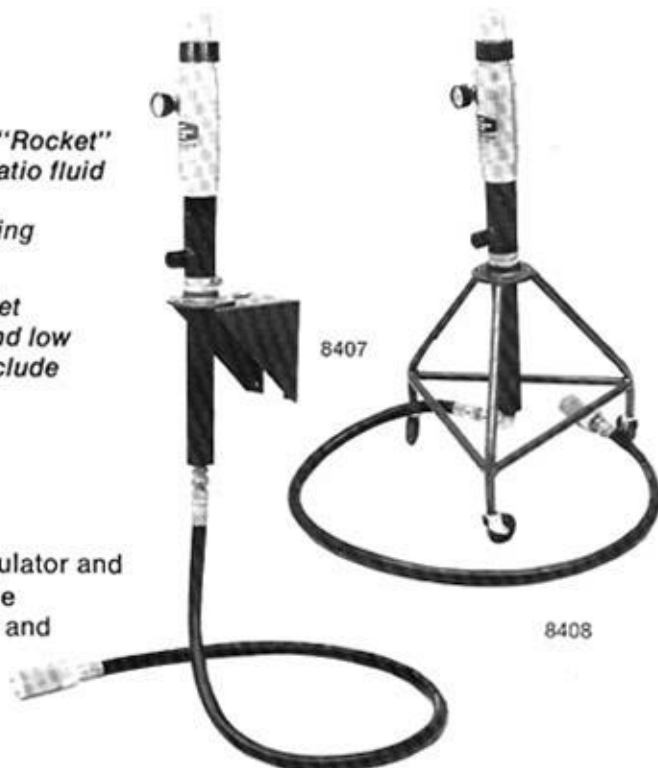
Wall Models • Portable Stand Models • 55-Gallon Drum Models

*Grover low pressure cleaning pumps feature the 3" "Rocket" air motor and include a double acting 4:1 pressure ratio fluid stem. Wetted parts are made of corrosion resistant stainless steel and Teflon cups. Air motor and pumping section is divorced design.*

*\*Models deliver .8 gpm at 240 psi with 100 psi air inlet pressure and .043 tip and are ideal for low volume and low pressure applications. "Rocket" pump air motors include muffler and require 40 psi minimum air pressure for air motor operation.*

### WALL MOUNTED MODEL

**MODEL 8407** includes R3-B24-A pump, 367P air regulator and gauge kit, 8140A wall bracket and 8414 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun and spray tip are optional.



### PORTABLE STAND MODEL

**MODEL 8408** includes R3-B24-A pump, 367P air regulator and gauge kit, 7885 portable stand and 8414 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun and spray tip are optional.

### 55-GALLON CLOSED-TOP DRUM MODEL

**MODEL 8409** includes R3-B24-A pump, 367P air regulator and gauge kit and 8348 55-gallon siphon tube with inlet filter screen. Hose, spray gun and spray tip are optional.

### 55-GALLON OPEN-TOP DRUM MODEL

**MODEL 8410** includes R3-B24-A pump, 367P air regulator and gauge kit, 8354A drum bracket and 8348 55-gallon siphon tube with inlet filter screen. Hose, spray gun and spray tip are optional.



**NOTE:** See page FC9 for specifications on Grover R3-B24-A pump and other spray tip selections.

See page FC10 for typical system guide.

See Section 7 for accessories.

# PRESSURE CLEANING PUMPS

## 7:1 RATIO (700 PSI)...3½ GPM\*



Wall Models • Portable Stand Models • 55-Gallon Drum Models

*Grover medium pressure cleaning pumps feature the 4" "Royal 40" air motor with mufflers and include a double acting 7:1 pressure ratio fluid stem. Wetted parts are made of corrosion resistant stainless steel and Teflon cups. Air motor and pumping section is divorced design.*

*\*Models deliver 1.4 gpm at 690 psi with 100 psi air inlet pressure and .043 tip and are ideal for routine clean-up jobs with a one man crew. Other spraying volumes and pressures can be obtained by changing spray tip size. See chart on page FC9.*

### WALL MOUNTED MODEL

**MODEL 8444** includes R40-B24 pump, 368P air regulator and gauge kit, 8123A wall bracket and 8414 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun and spray tip are optional.

### PORTABLE STAND MODEL

**MODEL 8445** includes R40-B24 pump, 368P air regulator and gauge kit, 7885 portable stand and 8414 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun and spray tip are optional.

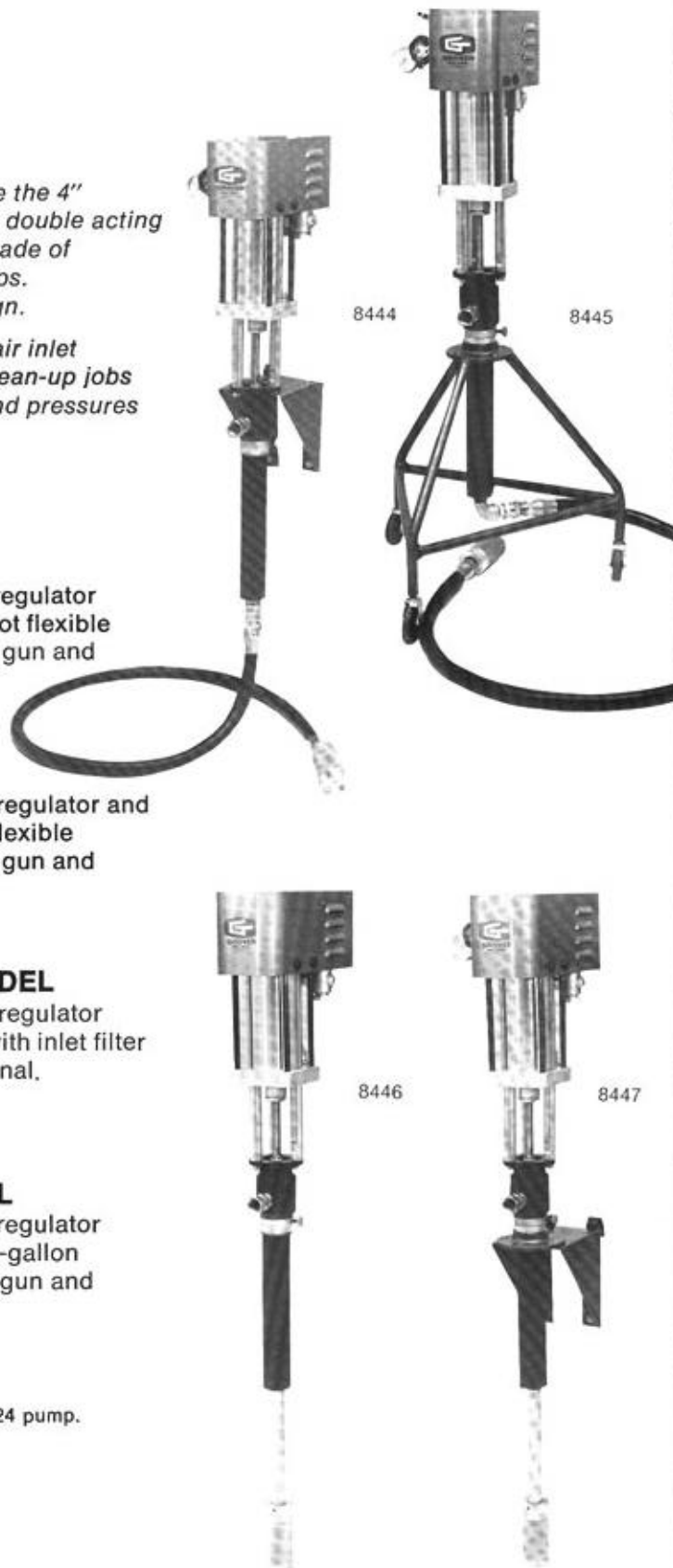
### 55-GALLON CLOSED-TOP DRUM MODEL

**MODEL 8446** includes R40-B24 pump, 368P air regulator and gauge kit and 8348 55-gallon siphon tube with inlet filter screen. Hose, spray gun and spray tip are optional.

### 55-GALLON OPEN-TOP DRUM MODEL

**MODEL 8447** includes R40-B24 pump, 368P air regulator and gauge kit, 8345A drum bracket and 8348 55-gallon siphon tube with inlet filter screen. Hose, spray gun and spray tip are optional.

NOTE: See page FC9 for specifications on Grover R40-B24 pump.  
See page FC10 for typical systems guide.  
See Section 7 for accessories.





## PRESSURE CLEANING PUMPS 11:1 RATIO (1100 PSI)...3½ GPM\*

Wall Models • 55-Gallon Drum Models

Models listed are  
ideal for applying  
paint strippers

*Grover high pressure cleaning pumps feature the 5" "Royal 50" air motor with mufflers and include a double acting 11:1 pressure ratio fluid stem. Wetted parts are made of corrosion resistant stainless steel and Teflon cups. Air motor and pumping section is divorced design.*

*\*Models deliver 1.7 gpm at 1050 psi with 100 psi air inlet pressure and .043 tip. With a .072 tip, models will deliver 3.5 gpm at 850 psi with 100 psi air inlet pressure. These high velocity pressure cleaning units are the perfect solution for many difficult one man cleaning jobs.*

### WALL MOUNTED MODEL

**MODEL 8455** includes R50-B24 pump, 368P air regulator and gauge kit, 8123A wall bracket and 8414 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun and spray tip are optional.

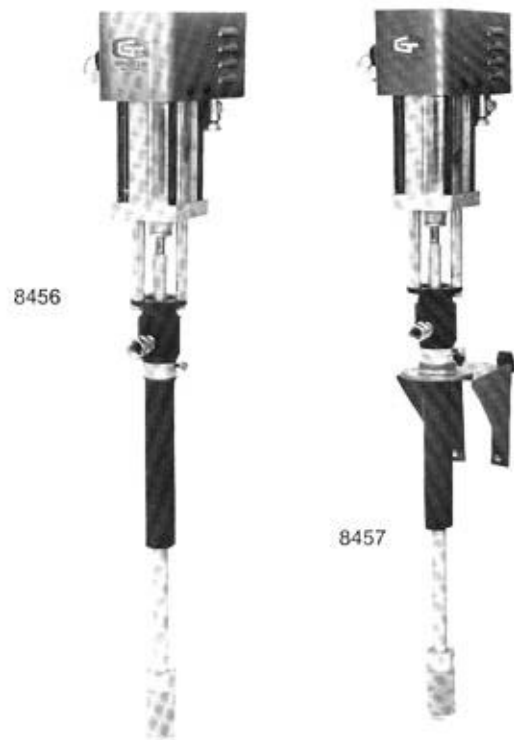
### 55-GALLON CLOSED-TOP DRUM MODEL

**MODEL 8456** includes R50-B24 pump, 368P air regulator and gauge kit and 8348 55-gallon siphon tube with inlet filter screen. Hose, spray gun and spray tip are optional.

### 55-GALLON OPEN-TOP DRUM MODEL

**MODEL 8457** includes R50-B24 pump, 368P air regulator and gauge kit, 8345A drum bracket and 8348 55-gallon siphon tube with inlet filter screen. Hose, spray gun and spray tip are optional.

NOTE: See page FC9 for specifications on Grover R50-B24 pump.  
See page FC10 for typical systems guide.  
See Section 7 for accessories.



# PRESSURE CLEANING PUMPS 5:1 RATIO (500 PSI)...8 GPM\*



Wall Models • Cart Models

*Grover high volume, medium pressure pumps feature the 5" "Royal 50" air motor with mufflers and include a double acting 5:1 pressure ratio fluid stem. Wetted parts are made of corrosion resistant stainless steel and Teflon cups. Air motor and pumping section is divorced design.*

*\*Models are ideal for multiple gun spray stations. With one gun using .094 spray tip, models will deliver 4.8 gpm at 385 psi with 100 psi air inlet pressure. Other spraying volumes and pressures can be obtained by changing spray tip size or adding additional spray outlets. See chart on page FC9.*



8465

## WALL MOUNTED MODEL

**MODEL 8465** includes R50-34 pump, 368P air regulator and gauge kit, 8123A wall bracket and 8415 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun(s) and spray tip(s) are optional.

## CART MOUNTED MODEL

**MODEL 8466** includes R50-34 pump, 368P air regulator and gauge kit, 8123A wall bracket (for mounting on cart), 7976 portable cart and 8415 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun(s) and spray tip(s) are optional.

### NOTE:

See page FC9 for specifications on Grover R50-34 pump. Above models may be ordered with Grover R70-44 pump. Pump is 7:1 pressure ratio (700 psi) with maximum volume of 15 gpm. Consult factory for details.

See page FC10 for typical systems guide.

See Section 7 for accessories.



8466



## PRESSURE CLEANING PUMPS 9:1 RATIO (900 PSI) ... 15 GPM\*

Wall Models • Cart Models

*Grover high volume, high pressure pumps feature the 8" "Royal 80" air motor with mufflers and include a double acting 9:1 pressure ratio fluid stem. Wetted parts are made of corrosion resistant stainless steel and Teflon cups. Air motor and pumping section is divorced design.*

*"Royal 80" pressure cleaning pump models are ideal for stationary centralized in-plant cleaning systems or for large portable applications.*

*\*Models are ideal for multiple gun spray stations. With two guns using .094 spray tips, models will deliver 9.6 total gpm at 600 psi with 100 psi air inlet pressure. Other spraying volumes and pressures can be obtained by changing spray tip size or adding or subtracting spray outlets. See chart on page FC9.*



8475

### WALL MOUNTED MODEL

**MODEL 8475** includes R80-44 pump, 368P air regulator and gauge kit, 8123A wall bracket and 8415 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun(s) and spray tip(s) are optional.

### CART MOUNTED MODEL

**MODEL 8476** includes R80-44 pump, 368P air regulator and gauge kit, 8123A wall bracket (for mounting on cart), 7976 portable cart and 8415 7-foot flexible siphon hose with inlet filter screen. Hose, spray gun(s) and spray tip(s) are optional.

#### NOTE:

See page FC9 for specifications on Grover R80-44 pump.

See page FC10 for typical systems guide.

See Section 7 for accessories.



8476



# PRESSURE CLEANING PUMPS

## ... Customized for Special Applications



### Custom Pump Packages . . . Choose from a variety of pumps, mountings and accessories.

This highly diversified group of pumps contains ONLY rugged, quality pumps capable of continuous operation with minimum cost of maintenance.

All models are available in all stainless steel construction and Teflon cups.

All models may be used with drums, mounted on wall brackets, portable dollies or plumbed into storage tank outlets.

Most models have adequate capacity and pressure to supply two guns.

3" and 4" stem pumps have capacity and pressure to supply up to 5 spray outlets.

### Selecting Pump and Accessories for Custom Packages.

1. Based on required delivery pressure and gpm and keeping in mind available air supply, select from pump selection guide (below) the required pump.
2. Determine how pump will be mounted (drum, wall bracket, etc.).
3. Select all accessories required for the method of mounting — drum or wall bracket, cart, siphon hose and screen assembly, either a hand gun or spray pole (specify tip size), and specify material hose type and length.

### PUMP PERFORMANCE AND SELECTION GUIDE (4½" STROKE MODELS)\*\*

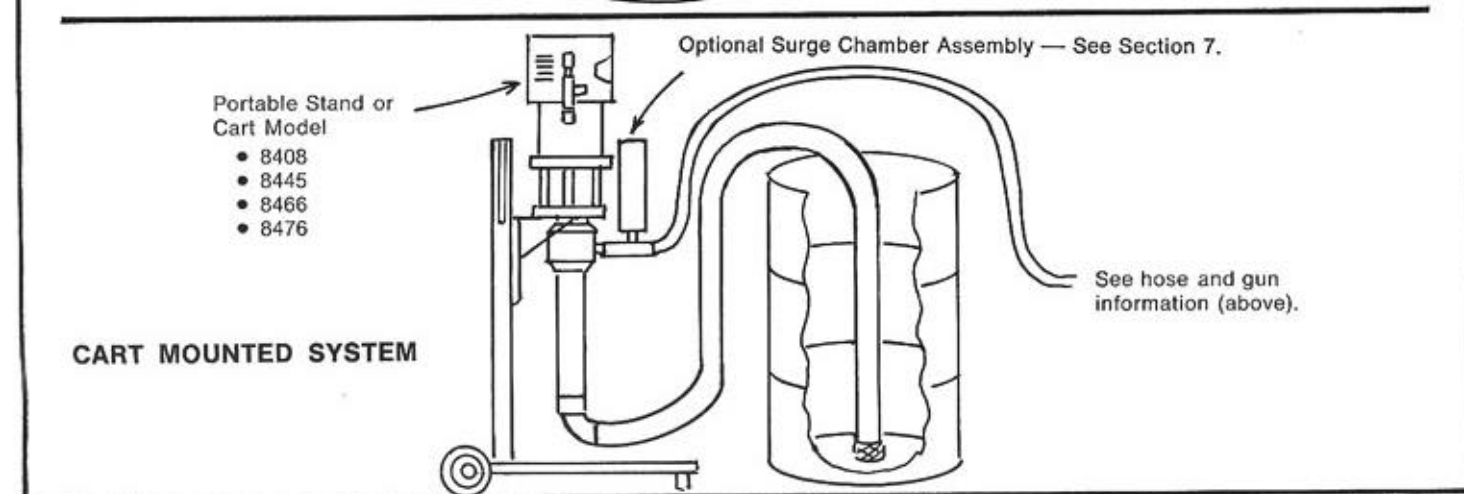
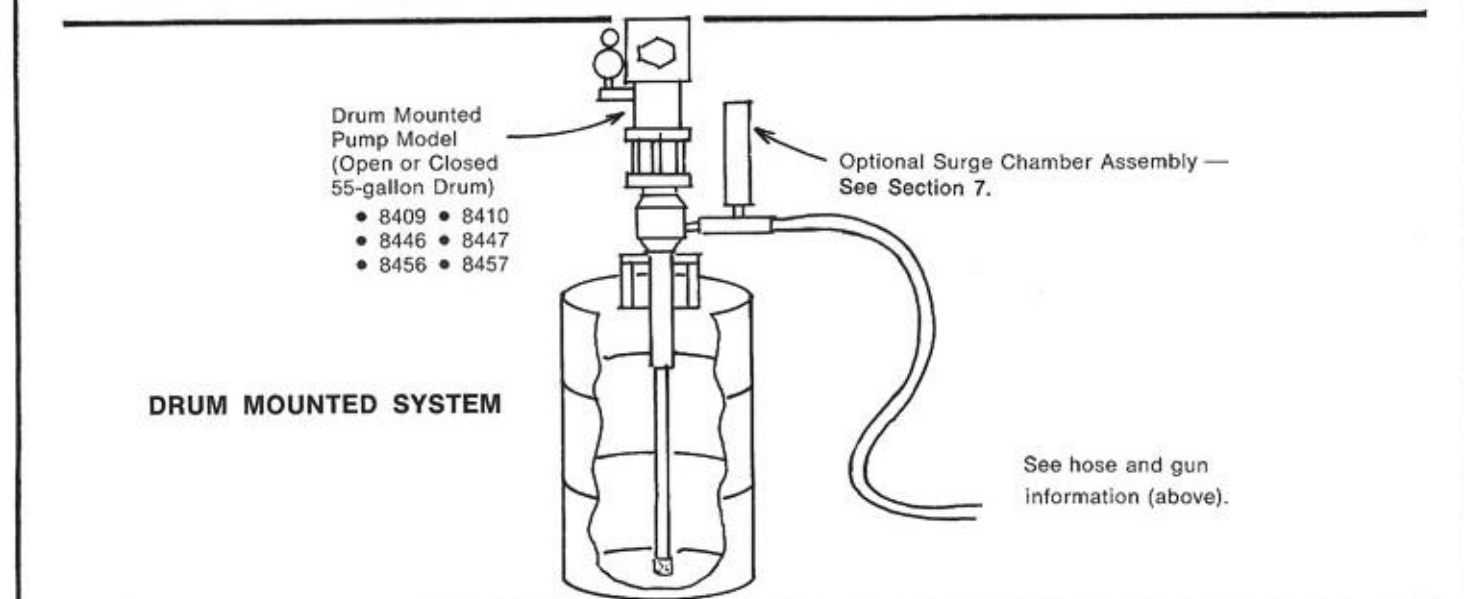
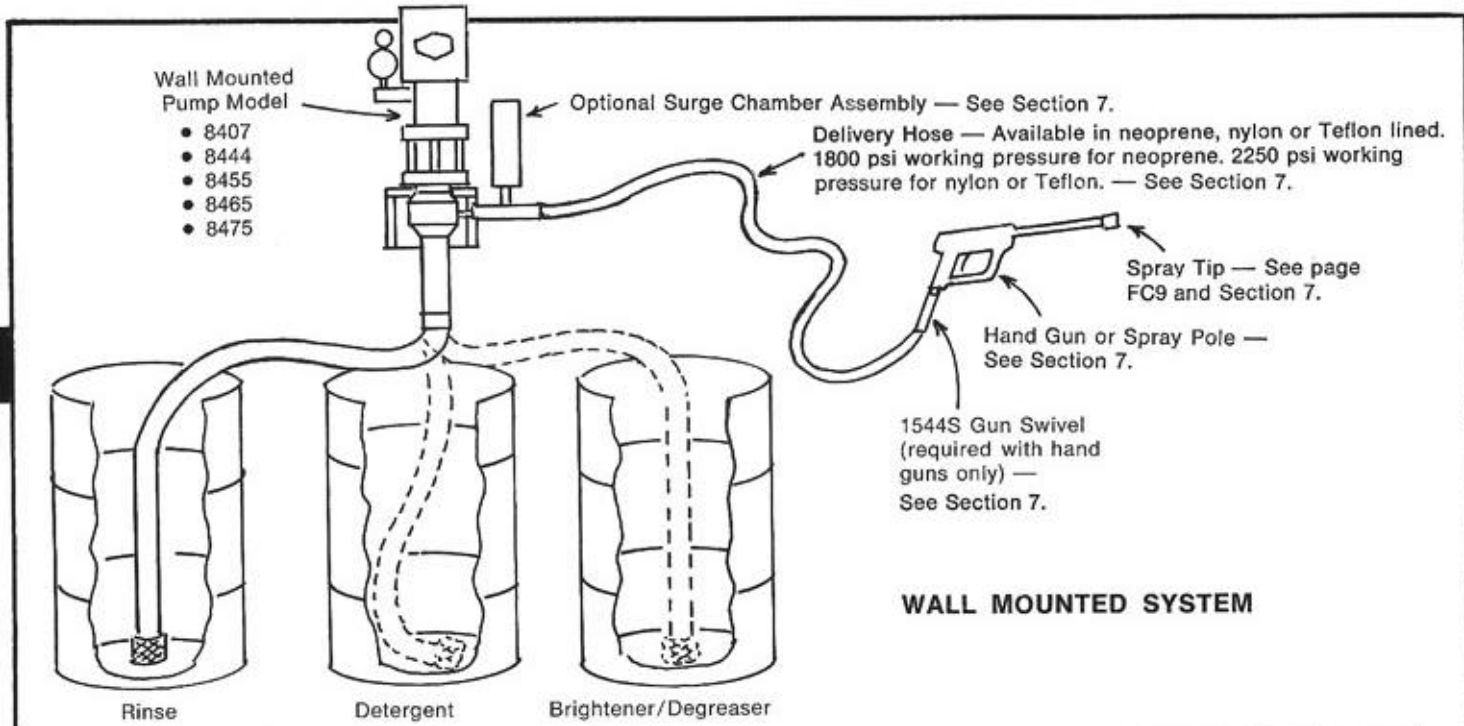
| BARE PUMP MODEL NUMBER | PUMP FLUID RATIO | AIR REQ. (CFM) PER GAL. |         | PUMP CYCLES GAL. | TIP SIZE             | DISCHARGE VOLUME AND PRESSURE |                     |                   |                    |                   |                      |                    |                     | AIR REG. AND GAUGE | DRUM BRACKET | WALL BRACKET | STAND OR CART |
|------------------------|------------------|-------------------------|---------|------------------|----------------------|-------------------------------|---------------------|-------------------|--------------------|-------------------|----------------------|--------------------|---------------------|--------------------|--------------|--------------|---------------|
|                        |                  | 80 PSI                  | 100 PSI |                  |                      | 80 PSI AIR                    |                     |                   |                    | 100 PSI AIR       |                      |                    |                     |                    |              |              |               |
|                        |                  |                         |         |                  |                      | 1 GUN                         |                     | 2 GUNS            |                    | 1 GUN             |                      | 2 GUNS             |                     |                    |              |              |               |
|                        |                  |                         |         |                  |                      | GPM                           | PSI                 | GPM               | PSI                | GPM               | PSI                  | GPM                | PSI                 |                    |              |              |               |
| R3-B24-A               | 4:1              | 4                       | 5       | 22               | .043<br>.072<br>.094 | .7<br>1.5                     | 190<br>130          |                   |                    | .8<br>1.6         | 240<br>160           |                    |                     | 367P               | 8354A        | 8140A        | 7885          |
| R40-B24                | 7:1              | 6                       | 7       | 18               | .043<br>.072<br>.094 | 1.2<br>3.1                    | 540<br>500          | 2.4               | 510                | 1.4<br>3.4        | 690<br>640           | 2.7                | 650                 | 368P               | 8345A*       | 8123A        | 7885          |
| R50-B24                | 11:1             | 9                       | 11      | 18               | .043<br>.072<br>.094 | 1.5<br>3.4                    | 850<br>750          | 2.7               | 775                | 1.7<br>3.8        | 1050<br>900          | 2.8                | 1000                | 368P               | 8345A*       | 8123A        | 7976          |
| R70-B24                | 25:1             | 19                      | 23      | 18               | .043<br>.072<br>.094 | 2.1<br>4.0                    | 1750<br>1250        | 3.5               | 1300               | 2.4<br>4.5        | 2150<br>1500         | 3.8                | 1560                | 368P               | 8345A*       | 8123A        | 7976          |
| R50-34                 | 5:1              | 5                       | 6       | 7                | .043<br>.072<br>.094 | .9<br>2.3<br>4.2              | 390<br>375<br>360   | 1.8<br>4.8<br>7.1 | 380<br>350<br>310  | 1.0<br>2.8<br>4.8 | 470<br>435<br>385    | 2.1<br>5.5<br>8.2  | 470<br>435<br>385   | 368P               | —            | 8123A        | 7976          |
| R70-34                 | 11:1             | 11                      | 13      | 7                | .043<br>.072<br>.094 | 1.4<br>3.4<br>5.5             | 850<br>830<br>750   | 2.7<br>5.9<br>9.6 | 830<br>750<br>600  | 1.6<br>3.7<br>6.2 | 1060<br>1020<br>925  | 3.1<br>6.6         | 1020<br>930         | 368P               | —            | 8123A        | 7936          |
| R80-34                 | 14:1             | 14                      | 17      | 7                | .043<br>.072<br>.094 | 1.7<br>3.9<br>5.9             | 1140<br>1025<br>850 | 3.2<br>6.3<br>9.2 | 1050<br>800<br>630 | 1.9<br>4.3<br>6.6 | 1350<br>1260<br>1050 | 3.6<br>6.9<br>10.2 | 1325<br>1000<br>780 | 368P               | —            | 8123A        | 7976          |
| R70-44                 | 7:1              | 7                       | 8       | 4                | .043<br>.072<br>.094 | 1.2<br>3.1<br>4.8             | 540<br>500<br>460   | 2.4<br>5.3<br>8.0 | 510<br>460<br>400  | 1.4<br>3.4<br>5.2 | 690<br>640<br>570    | 2.7<br>5.9<br>7.9  | 650<br>575<br>475   | 368P               | —            | 8123A        | 7976          |
| R80-44                 | 9:1              | 8                       | 10      | 4                | .043<br>.072<br>.094 | 1.3<br>2.8<br>4.6             | 700<br>680<br>600   | 2.5<br>5.0<br>8.2 | 670<br>610<br>540  | 1.4<br>3.4<br>5.5 | 850<br>830<br>750    | 2.7<br>5.9<br>9.6  | 830<br>750<br>600   | 368P               | —            | 8123A        | 7976          |

\*Drum bracket used on cleaning models only.

\*\*See Section 1 for 7" stroke pumps.



# PRESSURE CLEANING PUMPS ... Typical Systems Guide





## PRESSURE CLEANING PUMPS ECONOMY OUTFITS

4:1 Ratio • 11:1 Ratio • Fits 55-Gallon Closed Top Drums



8409AL

### 8409AL 4:1 RATIO (400 PSI) LOW PRESSURE CLEANING UNIT.

Fits 55-Gallon closed-top drums. Includes R3-B24-A 4:1 ratio pump with 3" air motor and stainless steel double acting fluid stem, 367BA air regulator and gauge, 8348 55-gallon siphon tube with inlet filter screen, 11480H ft. neoprene delivery hose and 1545HS hand gun with 5" extension and .043" tip.

### 8456AL 11:1 RATIO (1100 PSI) HIGH PRESSURE CLEANING UNIT.

Fits 55-gallon closed-top drums. Includes R50-B24 11:1 ratio pump featuring 5" heavy duty air motor and stainless steel double acting fluid stem, 368A air regulator and gauge, 8348 55-gallon siphon tube with inlet filter screen, 7480P 40 ft. neoprene delivery hose and 1545HS hand gun with 5" extension and .043" tip.



8456AL

NOTE: See Section 7 for accessories.