

# Instructions – Parts List



10:1 PRESIDENT PUMP

## Hydra-Clean® Units

306817 rev.K

### For Mounting on Open 55 Gallon Supply Drum

(Can be wall-mounted with accessory bracket)

#### Model 206515, Series C

*7 MPa, (69 bar, 1000 psi) Maximum Working Pressure*

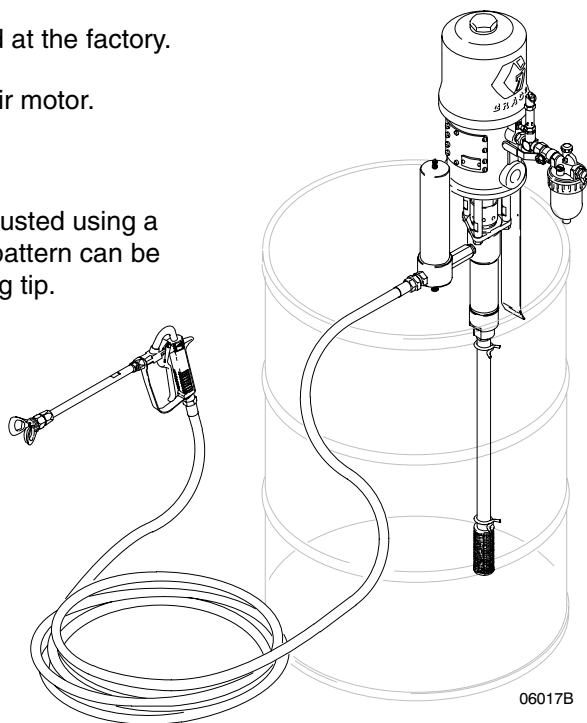
*0.7 MPa, (7 bar, 100 psi) Maximum Incoming Air Pressure*

- Stainless steel pump and spray valve handle powerful clean solutions at high pressure.
- Divorced design pump – keeps cleaning solution from fouling air motor.
- Accumulator reduces line pulses – air charged at the factory.
- Air line lubricator for automatic lubrication of air motor.
- Suction tube has intake filter.

Solution volume and working pressure can be adjusted using a different tip orifice size and an air regulator. Fan pattern can be changed to concentrating jet stream using blasting tip.



**Read warnings and instructions.**  
See page 2 for **Table of Contents**.



PROVEN QUALITY. LEADING TECHNOLOGY.

# Table of Contents

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## Symbols

### Warning Symbol



This symbol alerts you to the possibility of serious injury or death if you do not follow the instructions.

### Caution Symbol



This symbol alerts you to the possibility of damage to or destruction of equipment if you do not follow the instructions.

## WARNING



INSTRUCTIONS

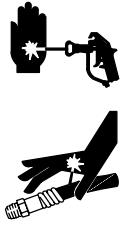
### EQUIPMENT MISUSE HAZARD

Equipment misuse can cause the equipment to rupture or malfunction and result in serious injury.

Use this pump only for pumping water and water–diluted cleaning solutions in a pressure washing system. Never use the pump for paint or any other coatings. Any misapplication of the pump may cause dangerous operating conditions which can result in serious injury and substantial property damage.

- This equipment is for professional use only.
- Read all instruction manuals, tags, and labels before operating the equipment.
- Use the equipment only for its intended purpose. If you are not sure, call your Graco distributor.
- Do not alter or modify this equipment. Use only Graco parts and accessories.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- Do not exceed the maximum working pressure stated on the equipment or in the **Technical Data** for your equipment. Do not exceed the maximum working pressure of the lowest rated component in your system.
- Use fluids and solvents which are compatible with the equipment wetted parts. Refer to the **Technical Data** section of all equipment manuals. Read the fluid and solvent manufacturer's warnings.
- Handle hoses carefully. Do not pull on hoses to move equipment.
- Route hoses away from traffic areas, sharp edges, moving parts, and hot surfaces. Do not expose Graco hoses to temperatures above 66°C (150°F) or below –40°C (–40°F).
- Wear hearing protection when operating this equipment.
- Do not move or lift pressurized equipment.
- Comply with all applicable local, state, and national fire, electrical, and safety regulations.

# ⚠ WARNING



## INJECTION HAZARD

Spray from the gun, hose leaks, or ruptured components can inject fluid into your body and cause an extremely serious injury, including the need for amputation. Splashing fluid in the eyes or on the skin can also cause a serious injury.

- Fluid injected into the skin might look like just a cut, but it is a serious injury. **Get immediate medical attention.**
- Do not point the spray gun at anyone or at any part of the body.
- Do not put hand or fingers over the spray tip.
- Do not stop or deflect fluid leaks with your hand, body, glove, or rag.
- Do not “blow back” fluid; this is not an air spray system.
- Always have the tip guard and the trigger guard on the spray gun when spraying.
- Check the gun diffuser operation weekly. Refer to the gun manual.
- Be sure the gun trigger safety operates before spraying.
- Lock the gun trigger safety when you stop spraying.
- Follow the **Pressure Relief Procedure** on page 6 whenever you: are instructed to relieve pressure; stop spraying; clean, check, or service the equipment; and install or clean the spray tip.
- Tighten all the fluid connections before operating the equipment.
- Check the hoses, tubes, and couplings daily. Replace worn, damaged, or loose parts immediately. Do not repair high pressure couplings; replace the entire hose.
- Fluid hoses must have spring guards on both ends, to help protect them from rupture caused by kinks or bends near the couplings.



## MOVING PARTS HAZARD

Moving parts, such as the air motor piston, can pinch or amputate your fingers.

- Keep clear of all moving parts when starting or operating the pump.
- Never operate the pump with the air motor plates removed.
- Before checking or servicing the equipment, follow the **Pressure Relief Procedure** on page 6 to prevent the equipment from starting unexpectedly.

# WARNING



## FIRE AND EXPLOSION HAZARD

Improper grounding, poor ventilation, open flames or sparks can cause a hazardous condition and result in a fire or explosion and serious injury.

- Ground the equipment and the object being sprayed. Refer to **Grounding** on page 5.
- If there is any static sparking or you feel an electric shock while using this equipment, **stop spraying immediately**. Do not use the equipment until you identify and correct the problem.
- Provide fresh air ventilation to avoid the buildup of flammable fumes from solvents or the fluid being sprayed.
- Keep the spray area free of debris, including solvent, rags, and gasoline.
- Before operating this equipment, electrically disconnect all equipment in the spray area.
- Before operating this equipment, extinguish all open flames or pilot lights in the spray area.
- Do not smoke in the spray area.
- Do not turn on or off any light switch in the spray area while spraying or while operating if fumes are present.
- Do not operate a gasoline engine in the spray area.



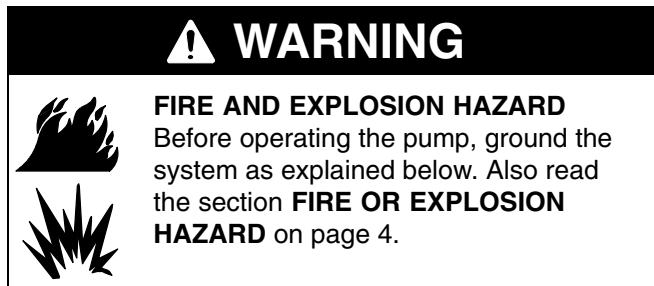
## TOXIC FLUID HAZARD

Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, or swallowed.

- Know the specific hazards of the fluid you are using.
- Store hazardous fluid in an approved container. Dispose of hazardous fluid according to all local, state and national guidelines.
- Always wear protective eyewear, gloves, clothing and respirator as recommended by the fluid and solvent manufacturer.

# Setup

## Grounding



Although water generally provides a natural electrical ground, the following equipment must be grounded if the cleaning chemical are volatile.

1. *When cleaning in enclosed areas*, such as storage tanks, locate the pump and air compressor outside the area and well away from it. Provide adequate ventilation. If the area you are cleaning has stored flammable materials, take appropriate precautions to avoid static sparking. Consult your local codes.
2. *Pump*: use a ground wire and clamp. See Fig. 1. Loosen the grounding lug locknut (W) and washer (X). Insert one end of a 1.5 mm<sup>2</sup> (12 ga) minimum ground wire (Y) into the slot in lug (Z) and tighten the locknut securely. Connect the other end of the wire to a true earth ground. Order Part No. 237569 Ground Wire and Clamp.

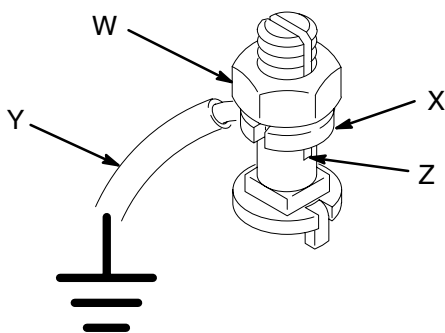


Fig. 1

0864

3. *Air and fluid hoses*: use only electrically conductive hoses.
4. *Air compressor*: follow manufacturer's recommendations.
5. *Spray gun*: ground through connection to a properly grounded fluid hose and pump.
6. *Fluid supply container*: follow your local code.

7. *Object being sprayed*: follow your local code.
8. *Solvent pails used when flushing*: follow your local code. Use only metal pails, which are conductive, placed on a grounded surface. Do not place the pail on a nonconductive surface, such as paper or cardboard, which interrupts the grounding continuity.
9. *To maintain grounding continuity when flushing or relieving pressure*, hold a metal part of the spray gun firmly to the side of a grounded *metal* pail, then trigger the gun.

## General Information

The typical setup shown in Figure 2 is only a guide to selecting and installing required and optional components. For assistance in designing a system to suit your needs, contact your Graco distributor. Refer to Figure 2 for callouts in parentheses.

## Connect Hoses and Mount Pump

1. Using Loctite Pipe Sealant, screw the hose stud (10) of the suction hose into the pump's intake housing. See Fig. 2. Remove one of the screws from the pump base opposite the outlet, and assemble the hanging bracket (19) to the pump with the provided screw (9) – use the lockwasher that was on the replaced screw.
2. Using Loctite® Pipe Sealant, screw the accumulator (7) inlet adapter into the pump outlet. Connect the fluid hose to the accumulator, the nozzle to the spray valve, and the air line lubricator (3) to the pump air inlet. Hang the pump on your cleaning solution drum.

**NOTE:** The filter on the suction hose should be about 1/2 in. (12.7 mm) off the bottom of the drum. If the hose is too long, cut it off as necessary.

3. Close the air ball valve (24), then connect your 1/2 ID (min) air supply hose to the 1/2 nptm(f) inlet union (15) – do not use thread sealer. Install an accessory air filter and water separator to remove excessive moisture that could cause air motor icing. Pour high quality SAE 10 into the lubricator until oil reaches the level mark on the sight glass.

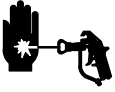
## ⚠ CAUTION

Oils containing phosphate ester or chlorinated hydrocarbons are not compatible with the plastic bowl of the lubricator – be sure that oil used to lubricate the compressor is free of these additives.

# Operation

## Pressure Relief Procedure

### **WARNING**



#### **INJECTION HAZARD**

Fluid under high pressure can be injected through the skin and cause serious injury. To reduce the risk of an injury from injection, splashing fluid, or moving parts, follow the **Pressure Relief Procedure** whenever you:

- are instructed to relieve the pressure,
- stop spraying,
- check or service any of the system equipment,
- or install or clean the spray nozzles.

1. Lock the Hydra-Clean<sup>®</sup> gun trigger safety.
2. Close the pump air regulator.

3. Close the red handled bleed-type master air valve (required in your system)
4. Unlock the gun trigger safety and trigger the gun to relieve pressure.
5. Lock the gun trigger safety.
6. Open the pump drain valve, having a container ready to catch the drainage.
7. Leave the drain valve open until you are ready to spray again.

*If you suspect that the dispensing valve, extension, or grease fitting coupler is clogged, or that pressure has not been fully relieved after following the steps above, VERY SLOWLY loosen the coupler or hose end coupling and relieve pressure gradually, then loosen completely, now clear the clog.*

# Operation

## WARNING

To avoid serious injury, including fluid injection and splashing in the eyes or on the skin, never point the gun at yourself or anyone else.

### Before Using

Prepare cleaning solution as instructed, observing all safety precautions. Pre-mix powered cleaners in a separate bucket of hot water before adding to water in the supply drum.

## WARNING

Take care not to get spray containing cleaning chemicals into your eyes, ears, or nose. If any spray does get on your skin or in your eyes, flush immediately and thoroughly with water. Seek immediate medical attention.

See Fig. 2. Open the main air supply valve, hold the spray valve open and slowly open the air petcock until the pump is running slowly. After solution is coming from the spray nozzle, open the ball valve (24) all the way and adjust the air line lubricator (3) to deliver about 1 drop per minute. Refer to the separate lubricator instruction manual.

Release the spray valve trigger and let the pump run. The pump will charge the accumulator with liquid pressure, then stall.

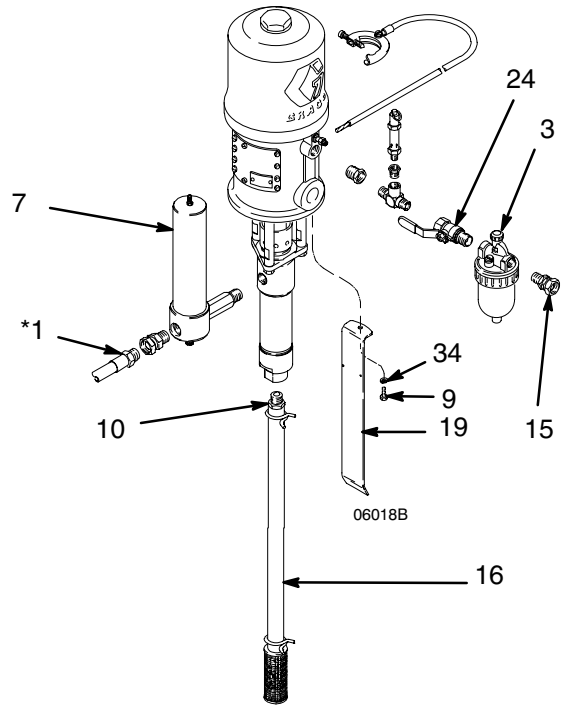
**NOTE:** Protect surfaces that might be damaged by the cleaning solution and rinse before the solution dries on both surfaces. You can clean stubborn dirt off better with a stronger, heated solution.

### Useful Hints

## WARNING

To reduce the risk of serious injury whenever you are instructed to relieve pressure, always follow the **Pressure Relief Procedure** on page 6.

Hold the spray nozzle about 2 feet (0.6 m) from the surface and completely mist-wet the object you are cleaning. Let it soak briefly, then use the spray to "chisel" the dirt off – keep the nozzle about 6 in. (152.4 mm) from, and at an angle to the surface. If some dirt remains, wet the surface again. Let the object soak a little longer, then hold the nozzle as close as possible and spray to blast the dirt off.



**Fig. 2**

After all the dirt is cleaned off, rinse all the solution off with clear, cold water. When you are through cleaning, close the air petcock and **relieve the pressure**.

### Shutdown and Care of Unit

## CAUTION

Do not allow the pump to run dry. It will quickly accelerate to a high speed, causing damage. If your pump is running too fast, stop it immediately and check the fluid supply. If the container is empty and air has been pumped into the lines, refill the container and prime the pump and the lines, or flush and leave it filled with a compatible solvent. Eliminate all air from the fluid system.

## WARNING

To reduce the risk of serious injury whenever you are instructed to relieve pressure, always follow the **Pressure Relief Procedure** on page 6.

When shutting down for the day or weekend, shut off the main air supply and **relieve the pressure**. Rinse all solution off the equipment with clear, cold water. Shut off the water supply valve and relieve the water pressure.

Check the air line lubricator (3) often and keep it filled with oil. Also check the pump packing nut regularly and keep it just tight enough to stop leakage, but no tighter. Use a 1/4 in. diameter rod to tighten.

# Troubleshooting

## WARNING

To reduce the risk of serious injury whenever you are instructed to relieve pressure, always follow the **Pressure Relief Procedure** on page 6.

Before servicing this equipment always make sure to **Relieve the pressure.**

**Note:** Check all possible problems and solutions before disassembling.

| Problem                                                | Cause                                                   | Solution                                       |
|--------------------------------------------------------|---------------------------------------------------------|------------------------------------------------|
| Excessive surge at spray nozzle                        | Obstructed spray tip, valve, or hose                    | Clean, clear                                   |
|                                                        | Cleaning solution supply empty                          | Refill                                         |
|                                                        | Accumulator not working                                 | Recharge – see page 9 and manual 306933        |
|                                                        | Clogged intake filter, kinked or collapsed suction hose | Clean, unkink                                  |
| Fluid leaking from valve                               | Loose packing nut or worn packings                      | See manual 307010                              |
| Valve will not stop dispensing                         | Valve not adjusted properly                             | See manual 307010                              |
|                                                        | Dirty or worn valve stem or seat                        | Clean, clear, or replace – See manual 307010   |
| Valve will not stop the pump                           | Cleaning solution supply empty                          | Refill                                         |
|                                                        | Clogged intake filter, kinked or collapsed suction hose | Clean, unkink                                  |
|                                                        | Dirty or worn valve stem or seat                        | Clean clear, or replace – See manual 307010    |
|                                                        | Dirty or worn fluid piston or packings                  | Service – See manual 308117                    |
| Pump operating, but spray pressure low on up stroke.   | Dirty or worn fluid piston or packings                  | Service – See manual 308117                    |
| Pump operating, but spray pressure low on down stroke  | Dirty or worn fluid intake valve                        | Clean, clear, or replace – See manual 308117   |
| Pump operating, but spray pressure low on both strokes | Clogged intake filter, kinked or collapsed suction hose | Clean, unkink                                  |
|                                                        | Dirty or worn fluid piston or packings                  | Service – See manual 308117                    |
|                                                        | Dirty or worn fluid intake valve                        | Clean, clear, or replace – See manual 308117   |
|                                                        | Loose packing nut or worn packings                      | Tighten, replace – See manual 308117           |
| Fluid will not come from pump (hose removed)           | Restricted air line                                     | Check for closed valve; use larger supply hose |
|                                                        | Pump throat packing nut too tight                       | Loosen                                         |
|                                                        | Pump air motor not working                              | Service – See manual 306982                    |
| System will not spray                                  | Restricted air line                                     | Check for closed valve; use larger supply hose |
|                                                        | Pump air motor not working                              | Service – See manual 306982                    |

# Service

## General

See Fig. 2. Check the air line lubricator often and keep it filled with oil. Also check the pump packing nut regularly to keep it just tight enough to stop leakage, but no tighter. Use a 1/4 in. (6.3 mm) diameter rod to tighten.

Proper packing nut take-up will stop leakage. However, all the packings should be replaced after 1000 hours of operation or delivery of 120,000 gallons of solution at 2 gpm. Use Repair Kit 206923.

## Accumulator Repair

### WARNING

To reduce the risk of serious injury whenever you are instructed to relieve pressure, always follow the **Pressure Relief Procedure** on page 6.

**NOTE:** Before disassembling the accumulator (7), check the air valve for leakage. Remove the air valve cap and recharge the air chamber to 0.58–1.36 MPa (5.78–13.6 bar, 85–200 psi). Wet the valve stem with saliva and watch for bubbling, indicating leakage. If leakage is detected, replace the valve core – release the air pressure first by depressing the valve core plunger pin.

1. Shut off the air supply to the pump and **relieve the pressure**. Release air pressure in the accumulator by depressing the valve core plunger pin. Disconnect the spray hose and remove the accumulator from the pump.
2. Screw the inlet adapter out of the housing and remove the o-ring, poppet, and spring. Screw the housing off of the cylinder. Take the piston out and remove the bearings and seal. Clean all parts and inspect for wear and damage, replacing as necessary. Check the piston and cylinder wall for pitting or scoring. Check the valve seat in the inlet adapter for wear or damage.
3. Lubricate the piston seal, and reassemble the accumulator. Remount the accumulator on the pump and reconnect the spray hose. Charge the accumulator to 0.58–1.36 MPa (5.78–13.6 bar, 85–200 psi). Start the pump and check for air or liquid leaks.

# Accessories

## Stainless Steel Spray Tips

| TIP NO. | ORIFICE SIZE | SPRAY ANGLE | AIR SUPPLY TO PUMP            |     |     |                               |     |     |
|---------|--------------|-------------|-------------------------------|-----|-----|-------------------------------|-----|-----|
|         |              |             | 476 kPa<br>(4.76 bar, 70 PSI) |     |     | 680 kPa<br>(6.8 bar, 100 psi) |     |     |
|         |              |             | GPM                           | CFM | WP  | GPM                           | CFM | WP  |
| 164435  | .043         | 40          | 1.2                           | 13  | 630 | 1.4                           | 19  | 885 |
| 160964  | .043         | 25          |                               |     |     |                               |     |     |
| 164434  | .052         | 25          | 1.6                           | 17  | 610 | 1.8                           | 24  | 840 |
| 164436  | .052         | 40          |                               |     |     |                               |     |     |
| 160957  | .062         | 40          | 2.3                           | 23  | 560 | 2.6                           | 32  | 750 |
| 160963  | .062         | 25          |                               |     |     |                               |     |     |

KEY:

GPM : Gallons Per Minute

CFM : Cubic Feet Per Minute

PSI : Pounds Per Square Inch

WP : Working Pressure in PSI

## Stainless Steel Blasting Tips

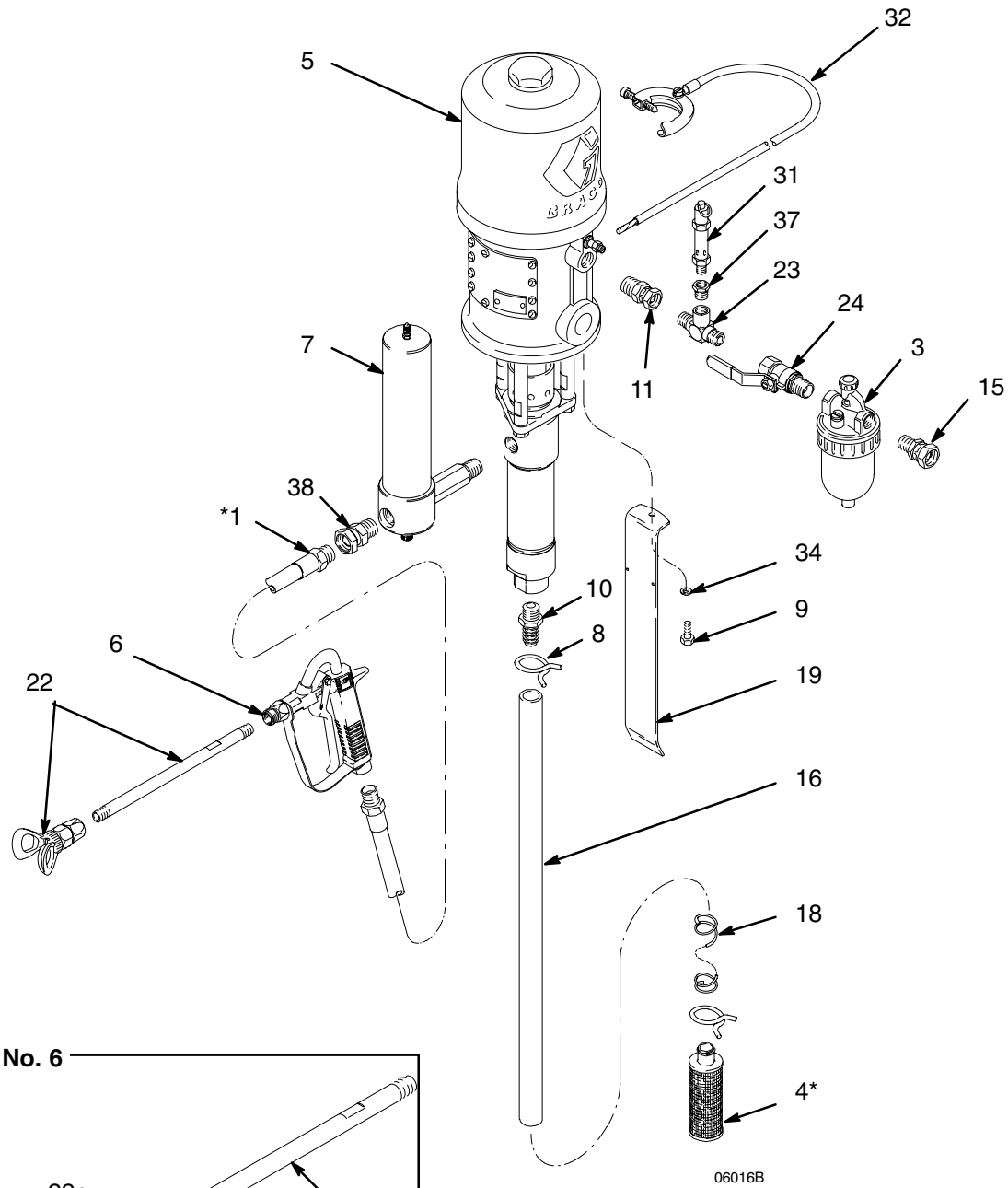
| TIP NO. | ORIFICE SIZE |
|---------|--------------|
| 102442  | .067         |
| 102446  | .086         |
| 102450  | .125         |

## Notes

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# Parts

Model 206515 President Hydra-Clean



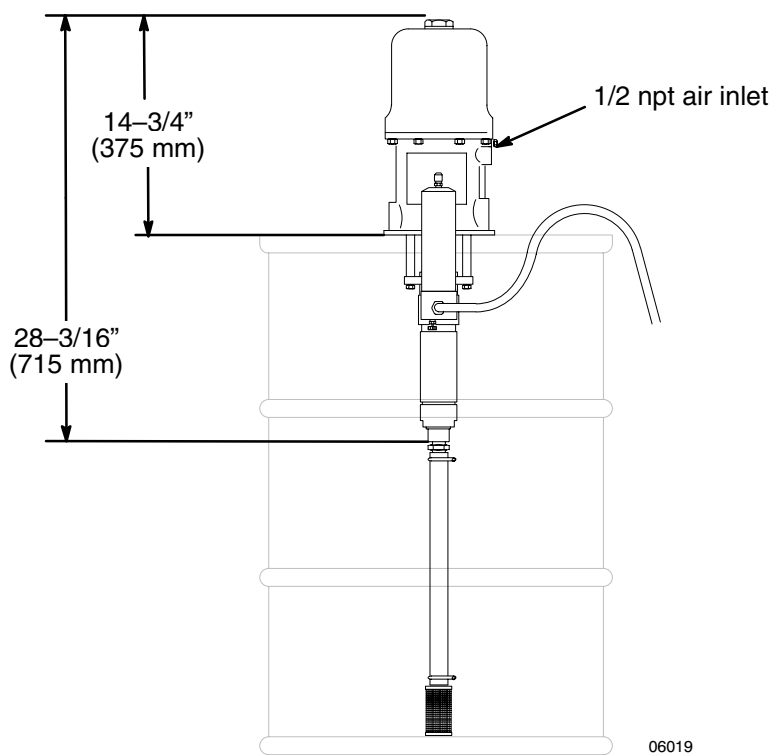
# Parts

**Model 206515**  
**President Hydra-Clean**  
Includes items 1–38

| Ref No. | Part No. | Description                                              | Qty. | Ref No. | Part No. | Description                                                 | Qty. |
|---------|----------|----------------------------------------------------------|------|---------|----------|-------------------------------------------------------------|------|
| 1*      | 205753   | SPRAY HOSE; cpld 3/8 npt(m);<br>3/8 ID; 40' (12.2 m)     | 1    | 19      | 165280   | BRACKET, pump mounting                                      | 1    |
| 3       | 214847   | AIR LINE LUBRICATOR                                      | 1    | 22      | 207299   | SPRAY NOZZLE EXTENSION KIT<br>Includes items 22a –22d       | 1    |
| 4*      | 206300   | SUCTION HOSE FILTER                                      | 1    | 22a     | 164017   | . TUBE, straight threaded; 1/4 npt(m);<br>10" (254 mm) long | 1    |
| 5       | 224346   | 10:1 PRESIDENT PUMP<br>See manual 308117 for parts       | 1    | 22b     | 103921   | . TIP, spray; .062 orifice;<br>40 fan° angle                | 1    |
| 6       | 237485   | SPRAY GUN<br>See manual 307010 for parts                 | 1    | 22c     | 175019   | . ADAPTER; 1/4 npt(f) x 11/16 ns(m)                         | 1    |
| 7       | 207278   | AIR CHARGED ACCUMULATOR<br>(See manual 306933 for parts) | 1    | 22d     | 220220   | . GUARD, tip                                                | 1    |
| 8       | 102123   | CLAMP, hose                                              | 2    | 23      | 108066   | TEE; 1.4 npt(f)                                             | 1    |
| 9       | 102235   | CAPSCREW, hex hd; 1/4–20 x 1/2"                          | 1    | 24      | 113333   | BLEED-TYPE AIR VALVE,<br>red handled                        | 1    |
| 10      | 102550   | STUD, barbed hose; 3/8 npt(m)                            | 1    | 31      | 113498   | VALVE, air relief                                           | 1    |
| 11      | 158256   | UNION, swivel; 1/2 nptf<br>x 3/8 npsm                    | 1    | 32      | 237569   | GROUND WIRE                                                 | 1    |
| 15      | 162505   | UNION, str swivel; 3/8 npt(m)<br>x 1.2 npt(f) swivel     | 1    | 34      | 102024   | WASHER, lock                                                | 1    |
| 16      | 162802   | HOSE, plastic; 3/4" ID; 24" (.6 m) long                  | 1    | 37      | 100176   | BUSHING, hex                                                | 1    |
| 18      | 164085   | SPRING, reinforcing                                      | 1    | 38      | 235208   | UNION, swivel                                               | 1    |

\* *Recommended Tool Box spare parts. Keep these spare parts on hand to reduce down time.*

# Dimensions



# Technical Data

|                                                                                    |                                                                 |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Air pressure range                                                                 | 150 to 850 kPa (1.5 to 8.5 bar, 20 to 120 psi)                  |
| Air volume requirements                                                            | 23 cfm (0.64 m <sup>3</sup> /min) at 480 kPa (4.8 bar, 70 psi), |
| (With .062 in spray tip, included)                                                 | 32 cfm (0.90 m <sup>3</sup> /min) at 690 kPa (6.9 bar, 100 psi) |
| Pump ratio                                                                         | 10:1                                                            |
| Max. recommended pump speed                                                        | 60 cycles per min. or 3 gpm                                     |
| Pump discharge pressure                                                            | 8.3 MPa (83 bar, 1200 psi)                                      |
| Weight                                                                             | 55 lb (24.95 kg)                                                |
| Sound pressure level* at 100 psi (6.8 bar, 0.68 MPa)–40 cycles/min (at one meter). | 83 dBa                                                          |
| Sound power level* at 100 psi (6.8 bar, 0.68 MPa)–40 cycles/min.                   | 96 dBa                                                          |

\* Sound power level was tested in accordance with ISO 9614–2.

## Notes

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# Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Graco distributor to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

**THIS WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.**

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

**GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO.** These items sold, but not manufactured by Graco (such as electric motors, switches, hose, etc.), are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco, or otherwise.

## **FOR GRACO CANADA CUSTOMERS**

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# Graco Information

**TO PLACE AN ORDER**, contact your Graco distributor, or call one of the following numbers to identify the distributor closest to you:

**1-800-367-4023**

**612-623-6921**

**612-378-3505 Fax**

*All written and visual data contained in this document reflects the latest product information available at the time of publication.  
Graco reserves the right to make changes at any time without notice.*

**Sales Offices:** Minneapolis, Detroit

**International Offices:** Belgium, Korea, Hong Kong, Japan

**GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441**

**[www.graco.com](http://www.graco.com)**

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