



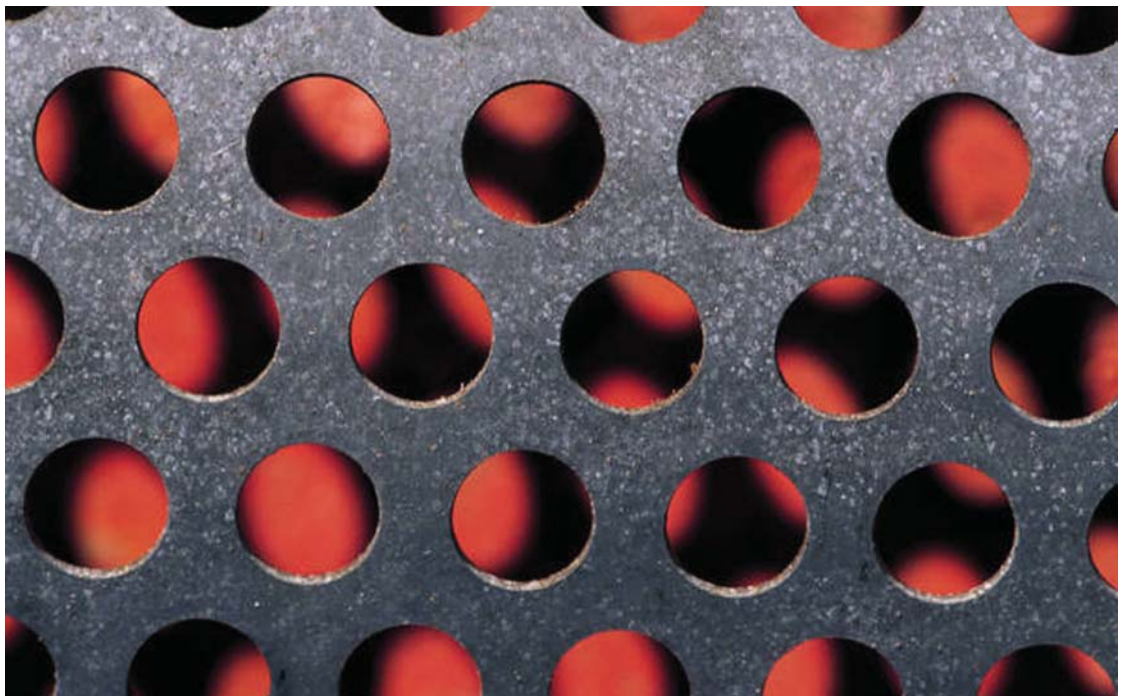
**Progressive**  
Solutions Corporation

**Anti-Corrosion  
Products**

Manufacturing quality industrial  
products for over a decade.  
Still family owned and  
operated. Thank you.

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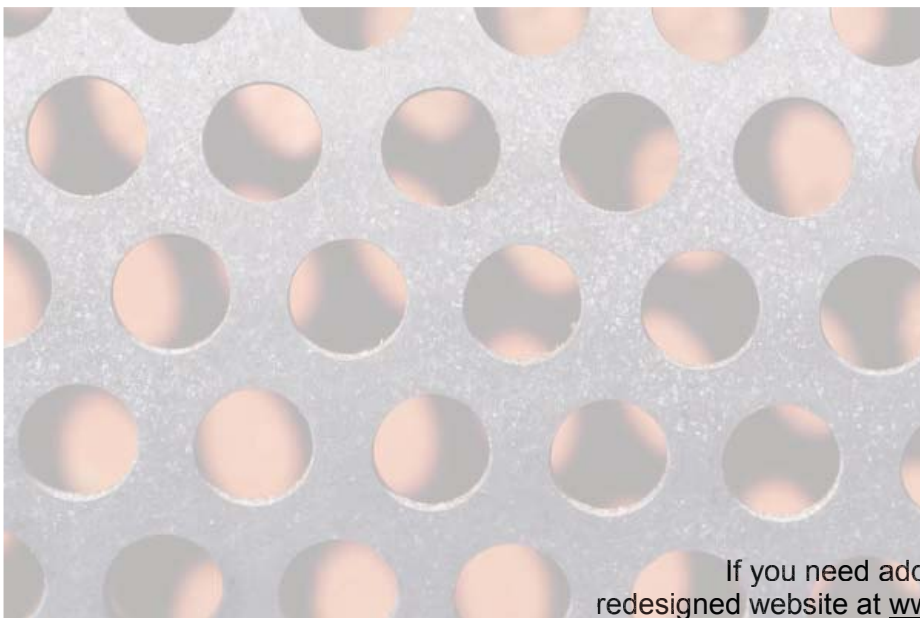
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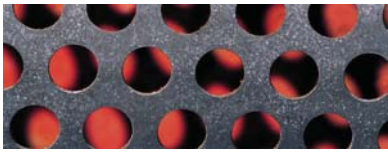
Thank you for choosing Progressive Solutions Corporation. For over 20 years we have been family owned and operated, and have been working to continually perfect our products to be leaders in the marketplace. We take pride in manufacturing our products in the U.S.A., to the highest quality standards in the industry. By following this philosophy we ensure that our customers receive the best product available.



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## A Multi-Functional Protection Solution

Whether your product is in transit, use or storage, KLEEN KOTE is the protective solution. If your product needs temporary shipping protection or will be exposed to years of demanding outdoor, industrial or marine usage, KLEEN KOTE requires no preparation-it is quick and easy to apply-and protects all surfaces with the ability to withstand the harsh conditions of the environment.

Based on the severity of the environment and the duration of exposure, KLEEN KOTE concentrate is water-adjustable, and protects not only the exterior of the product but also protects the wiring, electrical and/or mechanical controls without causing damage to them. It is safe on all surfaces including ferrous/non-ferrous metals, glass, rubber, paint and plastic and there is no need to remove it; your product is always ready for use.

## KLEEN KOTE™

### What is KLEEN KOTE?

A water-based, non--staining protective coating, KLEEN KOTE prevents dirt, salt, debris and other corrosive materials from sticking to ferrous and non-ferrous metal surfaces. Tested for various corrosion protection solutions, KLEEN KOTE has protected: construction equipment, agricultural equipment, decks and holds of vessels, boats, vehicles, motorcycles, heavy-duty trucks, mixers and more.



KLEEN KOTE is sprayed directly onto the surfaces needing protection and leaves only a thin clear barrier that will not rinse off in rain and protects against environmental conditions. Whether your product is in transit, in use or storage, KLEEN KOTE is a safe and multi-functional coating; It will not harm the environment and is safe on all surfaces including mechanical/electrical apparatus and does not require special equipment or clothing when applied.

### How KLEEN KOTE Works

This innovative micro-emulsion is your corrosion inhibiting solution because it penetrates the micro-pores of the treated surface to form a barrier on any surface coated. It is a water-based, non-staining barrier coating that leaves only a thin, clear layer on the surface sprayed, protecting it from the potential threats of the environment, weather, debris and salt. It is safe for use on all surfaces and will not harm wiring, electrical and/or mechanical controls; there is no need to remove KLEEN KOTE™ upon arrival at its final destination, AND it is environmentally safe!



## Reducing Your Costs, While Extending Product Life

### Easy To Use

- Simply add concentrate to water and apply by brush, spray or emersion.
- There is no need to remove and if needed, can be removed with water and a mild detergent.
- Does not require any special equipment or clothing for handling, application or clean up.

### Environmentally & User Friendly

- Does not contain any silicones, phosphates or solvents.
- Will not contaminate the treated surface or any untreated surface.
- Shipped in concentrate form to reduce packaging and transportation waste.
- It is water-based and non-staining.
- Reduces health and safety risks for your employees and your company.

### Economical

- Fifty-Five gallons (208 liters) of concentrate, mixed at 8 to 1 with water, makes 495 gallons (1,874 liters) of ready-to-use product and has an average coverage ratio of 2,000 sq. ft. (185 sq. meters) per mixed gallon (3.79 liters).
- Ships in concentrate form and mixes with water when needed.
- One product for multiple corrosion solutions-short term shipping, long term storage, daily operation and use.
- Reduces the need for bulky covers, oil-based coatings and the storage/clean up costs associated.

### Efficient and Effective

- Eliminates the need for extra processing steps.
- There is no need to remove the coating after transit or storage--your product is ready for use.
- Reduces labor time and costs with quick and simple application.
- Withstands all environmental conditions, including preventing flash rust on freshly cleaned surfaces.

### Durable Protectant

- Withstands the severity of the environmental conditions of shipping, the demands of outdoor, industrial and marine usage AND holds up for the duration of exposure.

### Extension of Product Life

- It protects and preserves against the potential threats caused by atmospheric corrosion, corrosive environments and contaminants.

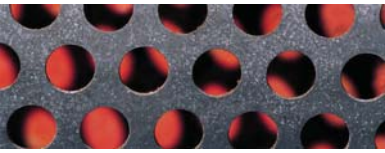


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## KLEEN KOTE™ - Corrosion Prevention Coating Instructions

- **Instructions for Using KLEEN KOTE As a Corrosion Prevention Coating**
  - **Mix Ratio 8 to 1 thru 1 to 1**
  - Use KLEEN KOTE to prevent corrosion. It is an environmentally safe, easy to use alternative to traditional methods of preventing corrosion. KLEEN KOTE's rust inhibiting qualities will help protect against damage caused by the environmental conditions of transit, storage and use.
- **Tips for Use**
  - Remove all previously applied corrosion prevention chemicals or coatings and/or other chemicals from the area to be treated PRIOR to applying KLEEN KOTE. This will prevent any adverse reaction between KLEEN KOTE and any chemical residue previously left behind.
  - KLEEN KOTE must turn from white to clear after it is sprayed or brushed on or submerged, to provide maximum protection.
  - Reapply after every wash. Harsh chemicals are not needed to remove KLEEN KOTE. Soap and water can be used when required.
  - KLEEN KOTE can be applied to a damp surface.
  - KLEEN KOTE can NOT be applied in rainy conditions.
- **Instructions**
  - **Step 1 – Determine Your Mix Ratio**
    - Please see the above starting mix ratio. Ratios can be adjusted based upon results. They may be adjusted up or down in one part increments to achieve optimum results.
    - NOTE: The more concentrate you add the thicker and more protective KLEEN KOTE will be.
  - **Step 2 – Mixing**
    - Using a clean container, add KLEEN KOTE and water to achieve the recommended ratio for your application. Adding KLEEN KOTE to water and then adding more water will eliminate the need for mixing.
    - Do NOT mix with diesel, fuels or oils. Do NOT mix with other corrosion prevention chemicals or sea water.
  - **Step 3 – Application**
    - KLEEN KOTE may be applied at any time. For best results, the application surface should be cleaned prior to application. Remove all other chemicals prior to applying KLEEN KOTE.
  - **Step 4 – Spraying, Brushing, or Submerision**
    - Use the appropriate application method (spray, brush or submersion) and then let KLEEN KOTE change from white to clear. If KLEEN KOTE freezes on the surface you are treating, it will still work. Reapply after every use.
  - **Typical Coverage Rates for Spray Application**
    - 1 gallon of mixed KLEEN KOTE will cover approximately 2000 sq. feet (185 sq. meters), depending on the surface type. Spray on for best results and ease of application.
- **Notes**
  - DO NOT switch back and forth between KLEEN KOTE and other corrosion prevention coatings due to possible incompatibility.
  - You do not have to wait for the equipment or vehicle to dry after cleaning. KLEEN KOTE may be applied directly to the wet surface.
  - In freezing weather, mix product as needed. Concentrate will not freeze however, premix may freeze.
- **If you have any questions regarding the use of this product please feel free to contact Customer Support by telephone: 800.801.7832 – 847.639.7272 or via email: support@4progressive.com.**



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## KLEEN KRETE™

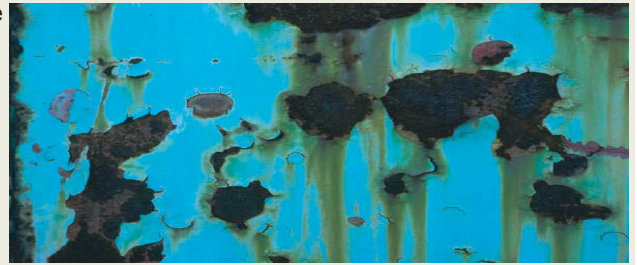
### Easy To Use

A non-hazardous, eco-friendly solution that is ready to use and can be sprayed, brushed or rolled directly onto the surface - it will not harm aluminum, chrome, electrical systems, glass, paint, rubber and most other surfaces when used according to directions.

### Effective

Removes soluble salts from multiple surfaces, extending the life of your paint and/or protective coating, reducing the amount of preparation, clean up time and costs associated with painting and repainting surfaces.

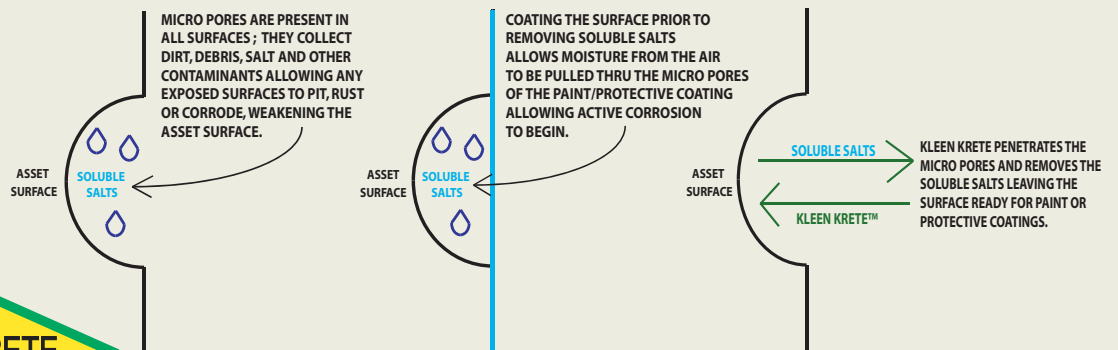
Soluble salts such as chloride, sulfates and surface reacted salts can cause damage to contaminated surface. Vessels, machinery, equipment, shipping containers, vehicles, concrete and virtually any metallic surface are at a threat for degradation and a failure of the protective coating from the inside out. Applying epoxy, paint or other protective coatings over soluble salts only masks the problem and can easily lead to short term coating failures and surface damage.



### HOW KLEEN KRETE WORKS:

Soluble salts are everywhere - not just in the water we use to clean, but in the air as well. When we think the surface to be painted or protected is clean, minute soluble salts have collected in the micro pores of surface. Plain water, power washing or polishing of surfaces alone can not remove these salts, exposing the surface to the potential threat of corrosion without a visual warning. Even allowing the surface to dry while exposed to a salt-rich environment allows soluble salts to collect in the micro pores. The paint or protective coating is applied and the soluble salts under the coating draw moisture from the air through the coating and cause corrosion which can develop below the surface causing the paint or protective coating to fail sooner than it should.

KLEEN KRETE helps to eliminate the potential threat of salts adhering to the surface by removing them from the micro pores of the surface. KLEEN KRETE allows the paint or protective coating to adhere to the now clean surface without the risk of corrosion or degradation from within.



### Environmentally Friendly

- KLEEN KRETE is a biodegradable, eco-friendly concentrate that is safer than conventional methods of removing soluble salts.

### Easy to Use

- KLEEN KRETE is a concentrate and should be diluted 5 parts water to 1 part KLEEN KRETE.
- It can be sprayed, brushed or rolled on without the use of special equipment.
- For added convenience, it is packaged in 1 gallon (3.78 liter), 5 gallon (18.90 liter), 55 gallon (207.90 liter) or 275 gallon (1,041 liter) quantities - each 1 gallon (3.78 liter) bottle includes a 36" trigger sprayer.

### Economical

- KLEEN KRETE reduces the amount of labor and water needed to remove soluble salts and is packaged as a concentrate without the need of special application or cleanup equipment.

### Non-Hazardous

- KLEEN KRETE is safer for your employees and the environment than conventional acids.

### Safe for use on Most Surfaces

- KLEEN KRETE will not harm aluminum, chrome, electrical systems, glass, paint, rubber and most surfaces when used according to directions.



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## KLEEN KRETE™ - Soluble Salts Removal Instructions

### • Instructions for Using KLEEN KRETE to Remove Soluble Salts

- o KLEEN KRETE is quick and easy to use and works best when applied with a power washing system. Simply follow the tips and step by step instructions below to achieve the full benefits of this product.

### • Tips for Use

- o Test KLEEN KRETE on an inconspicuous area prior washing the entire area with product.
- o KLEEN KRETE's effectiveness is greatly reduced in cold weather where freezing conditions could cause the product to freeze prior to removing soluble salts.
- o This product does not remove paint however power washers do. Use only as much pressure as you need. Using a 2500-3000 PSI (172-207 bar) power washer with a "zero" degree rotary tip allows you to direct the water where it needs to be. Keep the tip on a perpendicular angle to the item that you are power washing and move the tip as close or as far away as needed to effectively lift and remove the soluble salts.
- o Refer to the product MSD Sheet for additional product information.

### • Instructions

#### o Step 1 - Preparation

- This product should be diluted at a ratio of 5 parts water to 1 part KLEEN KRETE. This can be done by one of two procedures.
  - KLEEN KRETE can be siphoned (injected) through a high pressure washer injector (PN:68000) directly into fresh, clean wash water.
  - Or pre-diluted in a drum or large tank. The tank can then be connected directly to the intake of your power washer. Care must be taken to monitor the level of the pre-diluted tank so as not to run the pump of the power washer dry.
- Take care to protect areas that you do NOT wish to clean or have exposed to this product.

#### o Step 2 - Application

- Using a power washer system, apply the solution directly to the surface you from which you wish to remove the soluble salts. Take care to thoroughly rinse the entire surface. The wash water may foam slightly but will then subside.

#### o Step 3 - Protection

- After the surface has been thoroughly cleaned a protective coating should be applied as soon as possible. Follow your coating manufactures specifications closely to prevent premature coating failure. Certain coatings require multiple layers which if left to dry between layers could be re-exposed to soluble salts. Consult your coating manufacturer for details regarding this type of application.
  - KLEEN KOTE Anti-Corrosion Coating may be applied while the surface is still damp and should be applied at a ratio of 8 parts water to 1 part KLEEN KOTE. Consult application instructions for details.

### • Technical Notes

- o KLEEN KRETE is a clear liquid with an amber cast. When applied through a power washing system the product will foam slightly.
- o KLEEN KRETE will not affect the finish on most equipment when used according to directions and can be used as a regular maintenance product. IMPORTANT: Rinse power washer system with soap and water prior to and after each use. Always wear protective clothing and eye wear. Do NOT allow to freeze.

### • Specifications and Compliance

- o N.A.C.E.(ASTM G-31): Non-Corrosive - CFR49 Section 173.24: Non-Corrosive - Biodegradable Oxygen Demand (B.O.D.) Test Factor (0.28): Biodegradable - DOT and IMO: Non-Hazardous - Canadian WHMIS Class "E".

• If you have any questions regarding the use of this product please feel free to contact Customer Support by telephone: 800.801.7832 – 847.639.7272 or via email: support@4progressive.com.

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Can easily spray from any container including 1 gal., 5 gal., 55 gal. and 275 gal. sizes. Also, attach to any standard garden hose to spray water or extend the suction line.



The only power spraying system on the market designed to be tough enough to replace gas engine power sprayers and easy enough on your budget to replace pump-up can sprayers.

## REAL Pump™ Power Spraying System

### Reduces Labor Costs

- Saves time by eliminating the need to stop spraying and pump up or refill your traditional can sprayer.
- Eliminate the need to transfer products from their original storage containers by spraying directly from any container.
- Can easily spray enough product to cover 3600 sq. ft in about 5 min. at approx. 75psi and is self-adjusting to the viscosity of the product being sprayed.

### Portable, Easy to Use and Versatile

- The entire unit is self contained and weighs only 45 lbs. allowing one person to easily move the unit from job to job.
- Comes with 100 feet of 3/8" hose and hose extension kits are available up to an additional 100' allowing greater application efficiency and less waste.
- Can spray high viscosity and high solids products and will not separate water based products as roller pumps can.

### Reduces Material Cost

- The REAL Pump provides a constant pressure eliminating wasted material from over spraying or losing your place when you stop to pump-up or refill a traditional can sprayer.
- By eliminating the need to transfer chemicals from their original storage containers, spillage and waste are virtually eliminated.
- Self-Purging eliminates left over product being left in the hose.

### Easy to Clean

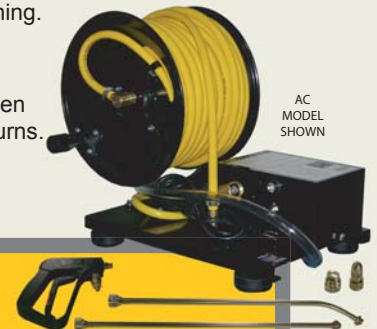
- Open flow quick connect fittings allow for circulation, and the pump has the capability to purge excess contents out of unit -- both make for easy cleaning.
- Re-circulates cleaning solutions for easy cleaning.

### Reliable

- The REAL Pump Power Spraying System has a solid, field proven track record since 1996. That's over 12 YEARS without any returns.

### Options

- Use the available pressure activated re-circulator to circulate products that need continual mixing.



## DESIGNED TO SPRAY

**Acids (special wand required) : Anti-Corrosion Coatings : Bleach Solutions  
Cleaners : Sealers : High Viscosity & High Solids Products  
And Many Other Products**

- All Steel Construction for Durability
- Large Rubber Feet for Stability
- Ships Fully Assembled
- Multiple Power Options Available Including
  - 115VAC includes standard 9 ft. (2.7m) power cord
  - 230VAC includes standard 9 ft. (2.7m) power cord ("EU" or "AUS")
  - 12VDC includes standard 25 ft. (7.6m) power cord w/ battery clamps
- Complete Spray Control Kit Includes
  - 1 - Spray Control Gun with comfort grip handle and quick connect, open flow fittings
  - 1 - 18" (45.75 cm) Straight Brass Wand Section
  - 1 - 18" (45.75 cm) Curved Brass Wand Section
  - 1 - 1gal. (3.78 liter) per minute Brass Fan Tip
  - 1 - Adjustable Brass Fan Nozzle
- 100' (30.5m) safety yellow, 3/8" (0.95 cm) diameter, chemical resistant hose with quick connect open flow fittings
- Chemical Resistant Diaphragm and Seals in Pump and Reel
- Utilizes a circuit breaker instead of fuses. Protecting the operator and eliminating the need to search for fuses.
- Pressure sensitive switch shuts off pump when you stop spraying, to prevent bursting hoses and product separation or damage.
  - This feature can be by-passed with our pressure activated re-circulator to continuously re-circulate and mix the product you are spraying.

Also available with a Telescoping Spray Lance, extending your reach up to 40 ft (12.2 m). Ships completely assembled with a 1 gal per min fan tip and an adjustable fan nozzle.  
PN: 64224 (red) and 64225 (green)

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## PN: 64224 & 64225 - 8'(2.5m)-24'(7.3m)Telescoping Spray Lance

This telescoping, adjustable height spray lance makes extended height and distance applications easy to reach up to 40 feet (12.2 meters) when using the cone nozzle provided. Drastically reducing your application times and improving the safety of your employees. At only 8 lbs. (3.5 kgs.) the adjustable lance is light weight and easy to maneuver. This application lance has been designed with a coil hose on the outside, making it easier to clean or replace when needed. Using a coil type hose has eliminated the extra hose, normally lying at your feet, that is typically associated with telescoping spray lances.

### • FEATURES

- Quick Connect Fitting - Will easily connect to the REAL Pump *Power Spraying System*.
- Heavy Duty Chemical and Crush Resistant Hose Available in two colors.
- High Impact, Fully Adjustable Plastic Spray Tip Holder.
- Large, Comfort Grip Spray Control Handle w/ Viton Seals.
- Composite Fiberglass, Telescoping Pole - Easily Adjusts from 8 feet (2.5 meters) to 24 feet (7.3 meters) with application spray heights up to 40 feet (12.2 meters) when using cone nozzle.
- Interchangeable, Quick Connect Spray Tips
  - 1 gallon per minute Quick Connect 110 deg. Fan Tip
  - Adjustable, Quick Connect Cone Nozzle - Adjusts to create a fine mist or an additional 18 foot (5.5 meter) spray pattern for an overall effective distance of over 40 feet (12.2 meters).
- Telescoping Pole Can Also Be Converted For Use As A Scraper Handle. (*Scraper attachments coming soon*)

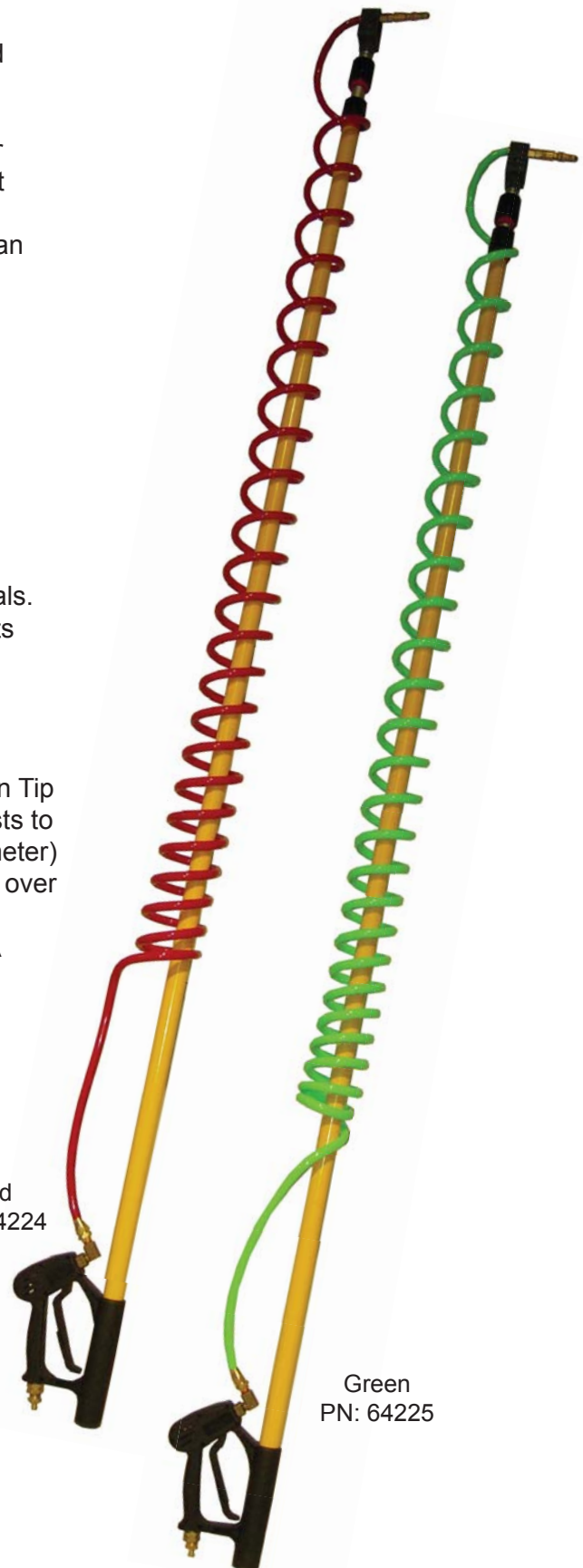


Quick Connect Spray Tip  
Close Up

- If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 -- 847.639.7272 or via email: support@4progressive.com

Red  
PN: 64224

Green  
PN: 64225



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## PN: 60000 - Barrel Heater - 110VAC Powered

- The AC Powered Barrel Heater is designed for use on metal or plastic drums to keep you water based products from freezing and your petroleum based products from becoming un-usable during the cool fall and cold winter months. This barrel heater has been designed to quickly and efficiently raise and maintain the temperature of materials in metal and plastic 55 gallon drums.

- **Features**

- Easy to Use - Simply plug it in. A 3-prong, six foot power cord included.
- Easy to Adjust - Simply turn the dial up or down.
- Self Regulating - Cycle on and off as needed.
- Use with our Barrel Cover PN62000 to prevent heat loss.

- **WARNINGS**

- DO NOT USE IN HAZARDOUS LOCATIONS.
- DO NOT USE FOR IMMERSION OR WET LOCATION APPLICATIONS.
- DO NOT USE ON CLOSED CONTAINERS WITHOUT ADEQUATE PRESSURE VENTING DEVICES TO PREVENT EXPLOSION.
- DO NOT OPERATE A HEATER THAT IS MALFUNCTIONING OR DAMAGED. HEATER SURFACE MAY GET VERY HOT DURING OPERATION. DO NOT HANDLE OR ALLOW CONTACT DURING OPERATION.
- HEAT WILL RADIATE FROM THE HEATER SURFACE TO SURROUNDING OBJECTS. DO NOT USE IN CONTACT WITH OR NEAR FLAMMABLE MATERIALS.
- DO NOT HEAT THERMALLY UNSTABLE PRODUCTS.
- USE ON PLASTIC DRUMS OR METAL DRUMS THAT HAVE BEEN GROUNDED.

- **Instructions**

- **Step 1 - Prepare**

- Do NOT use heater until you have fully read and understand these instructions.

- **Step 2 - Safety**

- Be sure the heater is clean & inspect the heater for damage. Do NOT use a damaged heater.
- For maximum electrical and fire safety, the heater should only be used on an electrically grounded metal 55 gallon drums or plastic 55 gallon drums.
- Inspect the container to be heated. The area the heater will be positioned should be free from sharp edges, large dents, debris, etc. The heater band must fully contact the container to prevent overheating the heater band.
- The container should be properly vented during the heating process. Consult the MSD Sheet of the product before heating and follow any recommended safety precautions.
- Protect the power supply cord and any extensions from damage during operation. Only use extension cords approved for the location.

- **Step 3 - Installation**

- The container must be sitting vertically and the heater should be positioned low on the container. The heater must always be positioned below the fluid level. **DO NOT OPERATE HEATER ON AN EMPTY DRUM!**
- Wrap and clamp (see fig.1) band heater around drum.
- Pull on spring, at the same time hold the hook end of the heater against the drum.
- Place a loop of the spring over the hook (see fig.1). Be sure the heater has good contact with the drum.

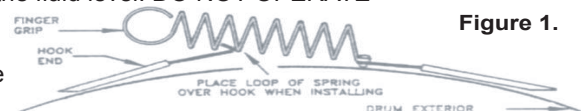


Figure 1.

- **Step 4 - Power**

- Plug the power supply cord into an appropriate source of power (will draw approx. 12.5 amps). If any sparking is seen or heard, unplug the heater. Do not use the heater.

- **Step 5 - Adjustment**

- To set the thermostat to the lowest temperature, rotate the knob to the full counter-clockwise position. The full clockwise position is the highest temperature setting. (see fig.2)
- The approximate range is from 50 degrees to 160 degrees with an over temp thermostat at 175 degrees.

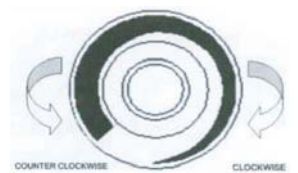


Figure 2.

- **Step 6 - MORE SAFETY**

- DO NOT touch the outside surface of the heater while it is in operation. It can get very hot and could cause personal injury. Wear thermally protective clothing if you must work around the heater while it is in operation. Follow the same precautions when removing a heater from a hot container. CHECK THE TEMPERATURE OF THE PRODUCT OFTEN. Overheating of some products may cause an explosion of the drum and/or fire.
- Place heater in a safe location to cool. After the heater has cooled to handling temperature, roll it up and store it in a safe location to prevent damage and contamination

- **If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 – 847.639.7272 or via email: support@4progressive.com.**

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## PN: 62000 - Insulated Barrel Cover

- Heat your barrels faster and keep them warm longer by preventing heat loss with an Insulated Barrel Cover. Our insulated drum covers help increase heating efficiency and reduce operating expenses.
- **Features**
  - Slip fit over 55 gallon drums with handles for easy removal.
  - Made of flame and fire retardant material.
  - Bung flaps with velcro for easy access to drum openings.
  - Can be custom made to suit special applications.
  - Use with our Barrel Heater PN:60000 to keep material in drums from freezing or becoming unusable.



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## PN: 67000 - Pressure Activated Re-Circulator

- This Pressure Activated Re-Circulator is a must have if the products you are spraying need to be continuously circulated. It can be installed in minutes and is easily adjustable. Simply adjust the pressure setting from 50 to 175 PSI and the re-circulator will automatically open.

- **Features**

- Easy to install on your current power sprayer.
- Can be turned on or off and is easily adjustable.
- Durable all brass construction.

- **WARNINGS**

- BEFORE USE - ALWAYS CHECK FOR LOOSE HOSE CONNECTIONS.
- BEFORE USE - ALWAYS CHECK THAT THE RE-CIRCULATION HOSE IS INSERTED INTO A CONTAINER OR A SPILL WILL OCCUR.
- DO NOT USE ON CLOSED CONTAINERS WITHOUT ADEQUATE VENTING.
- DO NOT USE A RE-CIRCULATOR THAT IS DAMAGED OR MALFUNCTIONING.

- **Instructions**

- **Installation Instructions**

- The re-circulator comes fully assembled and includes two (2) 5/8" hose clamps for installation.

- **Step 1 - Choose Location**

- To install the re-circulator, identify the output side of your power sprayer.
  - Recommended Locations:
    - RP - Between the pump cover and the base of the reel on the 3/8" yellow hose.
    - SP - Where the 3/8" yellow hose comes out of the pump cover.

- **Step 2 - Cut**

- Cut the hose in a location that will allow the easy installation of the re-circulator and the two (2) 5/8" hose clamps.

- **Step 3 - Install**

- On the hose section that was just cut, slide one (1) hose clamp over each cut end and insert the 3/8" hose barbs on the tee into the cut end sections of the hose (See fig.1).

- **Step 4 - Tighten**

- Securely tighten the hose clamps over the hose and the hose barbs. Check these connections prior to every operation.

- **Operation Instructions**

- Once installed, the re-circulator can easily be adjusted between 50 and 175 PSI. These settings are clearly marked on the knurled knob.

- **Step 1 - Adjust and Secure**

- Simply twist the knob counter-clockwise to the 50 PSI mark and secure the re-circulation hose into the container from which you will be spraying.

- **Step 2 - Turn on Sprayer**

- Power on your sprayer and prime as normal.
- When the sprayer is fully primed, release the shut off handle and the power sprayer will build up enough pressure to activate the bypass valve.
- Product should now be flowing through the clear re-circulation hose back into the container.

- **Step 3 - Adjust**

- When spraying high solids or high viscosity products, the re-circulator may need to be adjusted to a higher PSI to prevent the re-circulator from activating while spraying.
- This is done by rotating the knurled knob clockwise. Only adjust pressure slightly higher than necessary to prevent activation during spraying applications (See fig.2).
- To turn the re-circulator "OFF", simply rotate the knurled knob clockwise to the 175 PSI mark or as far as the knob will rotate.
  - If your sprayer generates more than 175 PSI of pressure you may need to install a ball type shut off valve on the clear re-circulation hose to prevent circulation. This is not necessary for REAL Pump and Spray 'N' Pail products.

- **Step 4 - Clean**

- When finished spraying, be sure to allow some of the cleaning solution being used to clean the sprayer to pass through the re-circulator.
- Failure to clean the re-circulator properly may cause the valve to stick rendering the re-circulator non-operational.

- **If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 - 847.639.7272 or via email: support@4progressive.com**



Figure 1

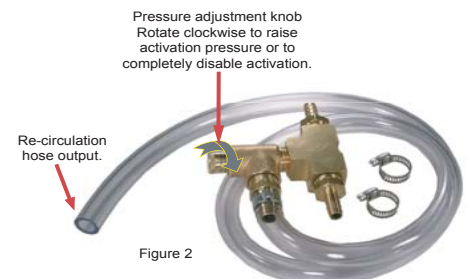


Figure 2

providing "PROGRESSIVE SOLUTIONS" for your industry.

## PN: 68000 - High Pressure Washer Injector

- It is designed specifically for injecting chemicals, soaps and KLEEN KOTE into the water of your power washing system, this injector simply threads on to the high pressure or output side of your pump. Injecting the chemicals on the output side of the pump allows you to easily clean your equipment or forms with soaps or chemicals that normally cannot pass through the power washer's pump. This injector allows you to easily pre-treat your equipment with KLEEN KOTE for its next use.

- Features**

- Two adjustment knobs that change the water AND the injection flows.
- 8 feet of chemical resistant vinyl hose.
- All solid brass fittings.

- WARNINGS**

- CHECK ALL CONNECTIONS AND HOSES PRIOR TO OPERATION.
- DO NOT USE AN INJECTOR THAT IS MALFUNCTIONING OR DAMAGED.
- ALWAYS INSTALL ON THE OUTPUT SIDE OF THE PUMP WHEN INJECTING CHEMICALS OTHER THAN KLEEN KOTE. MOST CHEMICALS WILL DAMAGE THE PUMP IF INJECTED THROUGH IT.
- WHEN USING KLEEN KOTE THE INJECTOR MAY BE INSTALLED ON EITHER SIDE OF THE PUMP AS KLEEN KOTE WILL NOT DAMAGE THE PUMP.

- Instructions**

- Installation Instructions**

- The injector may be used on the upstream or downstream side of the pump
- Step 1 - Upstream Side of the Pump**
  - For Use with KLEEN KOTE only. Harsh chemicals will damage your pump when injected through the pump.
  - Attach the injector on the upstream side of the pump. The upstream side covers a flow range from .5 to 3.5 gallons per minute.
- Step 2 - Downstream Side of the Pump - Recommended**
  - For use with harsh chemicals, detergents and may also be used with KLEEN KOTE.
  - Attach the injector on the downstream side of the pump.
  - The downstream side flow rate is from 2.0 to 8 gallons per minute with a maximum pressure of 3500 psi and a maximum operating temperature of 180 degrees. The downstream use of the injector allows for the most versatility.

- Operation Instructions**

- The injector has two adjustment knobs (fig.1) that change the water flow and the injection flow. This allows you to use the injector with most types of power washers.

- Step 1 - Water Flow Adjustment Knob**

- The water flow is controlled by means of an external adjustment knob (fig.2) that allows the injector to be placed on either the upstream or downstream side of your power washer.
- Turning the knob clock-wise will increase the water flow causing the KLEEN KOTE or other chemicals to be mixed in at a slower rate - more water, less chemical.
- Turn the knob counter-clockwise will restrict the water flow causing the KLEEN KOTE or other chemicals to be mixed in at a faster rate - less water, more chemical.

- Step 2 - Injection Flow Adjustment Knob**

- The injection adjustment flow is controlled by another external adjustment knob (fig.3) and allows you to adjust the amount of KLEEN KOTE or chemicals that are mixed into the water.
- Turning the knob clockwise restricts the flow of KLEEN KOTE or other chemicals into the water effectively raising the mix ratio - more water, less chemical. Turning the injector adjustment knob clockwise until it is tight will stop the flow of KLEEN KOTE or chemicals into the water, allowing you to simply pressure wash something without removing the injector.
- BE AWARE THAT THE GPM OF THE POWER WASHER TIPS YOU CHOOSE WILL AFFECT THE OVERALL FLOW AND OPERATION OF THIS INJECTOR.** If the injector does not seem to be functioning properly, the tip GPM may be too low.
- The injection rates are dependent on gallons per minute and pressure, but the metering barb on the chemical inlet makes this injector adjustable from 0% to 13%.
- Adjusting the knob to the closed position (0%) allows you to stop the flow of KLEEN KOTE or chemicals so you may just use water when power washing.

- If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 -- 847.639.7272 or via email: support@4progressive.com**

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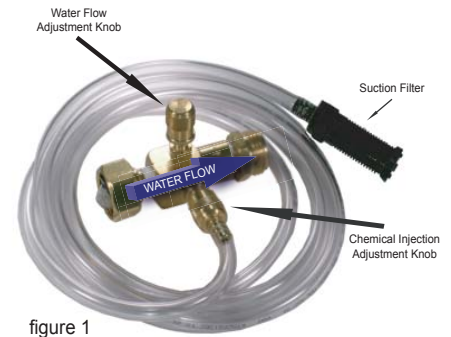


figure 1

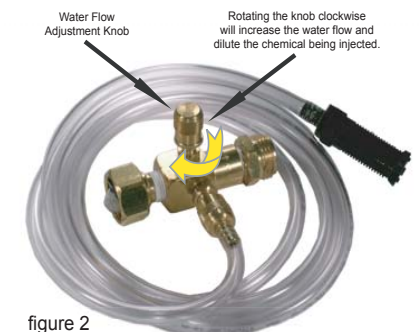


figure 2

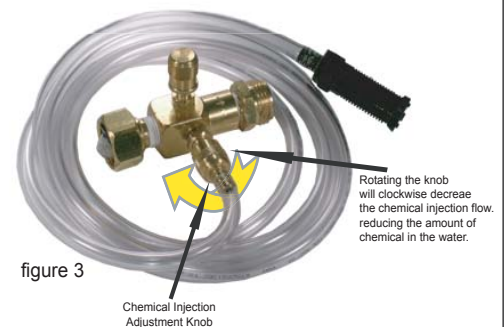


figure 3

providing "PROGRESSIVE SOLUTIONS" for your industry.

## Spray Tips, Nozzles, Wands & Control Guns




- For quality spray control guns, wands, spray nozzles and tips look no further. Please see below for a complete listing of available products.

### • Features




- Many sizes and types available.
- Viton seals and gaskets.
- Quality construction.










### Spray Control Guns:

PN	Description
66100 	Spray Control Gun w/ Quick Connect
66000 	Spray Control Gun w/ SlipOn End
66300 	Spray Control Gun w/ Quick Connect For Telescoping Handle






### Straight Extensions:

PN	Description
64000 	12" Straight Wand Extension
64001 	18" Straight Wand Extension
64002 	24" Straight Wand Extension




### Spray Tips and Nozzles:

PN	Description
65010 	0.5 gal per min Fan Tip, Male
65020 	1 gal per min Fan Tip, Male
65100 	0.2 gal per min Fan Tip, Female
65110 	0.5 gal per min Fan Tip, Female
65120 	1 gal per min Fan Tip, Female
65130 	Adj Brass Cone Nozzle, Female
65140 	Adj Brass Fan Tip, Female

### Curved Wands:

PN	Description
64010 	12" Curved Wand, Male
64011 	18" Curved Wand, Male
64012 	24" Curved Wand, Male
64111 	18" Curved Wand, Female
64112 	24" Curved Wand, Female

### Kits:

PN	Description
69100 	"REAL" Pump Stock Wand Kit
69101 	"Real Pump 100' Hose Extension Kit
69102 	"REAL" Pump Hose Replacement Kit

- If you have any questions regarding these products please feel free to contact Customer Support by telephone: 800.801.7832 -- 847.639.7272 or via email: support@4progressive.com