

Progressive
Solutions Corporation

Construction Products

Manufacturing quality products for the construction industry for over a decade. Still family owned and operated. Thank you.

providing "PROGRESSIVE SOLUTIONS" for your industry.

PO Box 7277
Algonquin, IL 60102
800.801.7832 - 847.639.7272
support@4progressive.com
www.4progressive.com



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.



providing "PROGRESSIVE SOLUTIONS" for your industry.



If you need additional information visit our newly redesigned website at www.4progressive.com. There you will find products specific to your industry, downloadable instructions and information about each product.



providing "PROGRESSIVE SOLUTIONS" for your industry.

KLEEN KOTE™

When mixed, KLEEN KOTE deposits a very thin film, creating a virtually non-stick surface. KLEEN KOTE is a versatile product on the jobsite, having many applications from simply keeping mud from sticking to your equipment, to a concrete form release and tilt-up bond breaker, to an asphalt release. Please check out our KLEEN KOTE Usage Suggestions sheet for a list of potential applications.

Having been in the field since 1995, KLEEN KOTE started as one of the original, environmentally friendly water-based release products for the construction industry. It has many applications in the industry including asphalt, concrete, mining and hauling and is the ONLY fully adjustable water-based release on the market today with the ability to adjust from 1 to 1 thru 75 to 1, depending upon your application. KLEEN KOTE is an industry leader, having stood the test of time and proving to be an innovative and quality product for all facets of the construction industry.



MEETS ARMY CORP of
ENGINEERS SPECIFICATIONS

PO Box 7277
Algonquin, IL 60102
800.801.7832 - 847.639.7272
support@4progressive.com
www.4progressive.com

Easy to Use

KLEEN KOTE is the most user friendly water-based release product on the market today. Simply add water to the required amount of concentrate and the product is ready to use. Carry 5 gallons of concentrate with you to make 60 gallons worth of product at a ratio of 11 to 1. KLEEN KOTE is safe for use on all surfaces.

Economical

This is an adjustable water-based product for use in multiple jobsite applications. The concentrate formula helps reduce waste and shipping costs by 8 to 20 times that of conventional products. One gallon of concentrate, mixed at 11 to 1 with water makes 12 gallons of ready-to-use product and has an average coverage ratio of 2,000 sq. ft. per gallon.

Environmentally Safe

KLEEN KOTE is the industry leader for environmentally friendly water-based release products. It does not contain any silicones, solvents or phosphates and ships in a concentrated form to reduce packaging waste and transportation related costs and environmental concerns.

Innovative

As one of the first water-based release products, KLEEN KOTE is the only release agent of its kind to be used for both form work and as a tilt-up bond breaker. It is non-staining and non-dusting, providing an excellent finished surface that is ready to paint if required. The usage instructions for tilt-up are only 1 page long.

Durable Protectant

Once KLEEN KOTE has flashed off, it will not rinse off in the rain. This means you won't have to re-spray after rain, saving you time and money. KLEEN KOTE also has the added benefit of being a rust inhibitor, protecting your equipment when it is out in the field.

V.O.C. Compliant

Means a safer product for your employees and the environment. You also benefit from compliance with all the new requirements.



PO Box 7277
 Algonquin, IL 60102
 800.801.7832 - 847.639.7272
 support@4progressive.com
 www.4progressive.com

Progressive
 Solutions Corporation

providing "PROGRESSIVE SOLUTIONS" for your industry.

KLEEN KOTE™ - Usage Suggestions

These are the primary applications and suggested mix ratios for KLEEN KOTE. The ratios can be varied up or down according to your results. You can visit us on the web to view and print instruction sheets that are specific to your application. If you have any questions regarding a particular application or mix ratio, please feel free to contact customer support at: 800.801.7832 or support@4progressive.com

Agricultural Equipment **8 to 1 - 10 to 1**
 Apply to keep mud and other debris from sticking to all farm equipment.

All Equipment **8 to 1**
 Use to inhibit rust and to keep equipment looking new. There is no build-up with KLEEN KOTE. Re-spray equipment after every wash.

Asphalt Equipment, Pavers & Trucks **8 to 1 - 11 to 1**
 Use KLEEN KOTE to keep asphalt from sticking to tools, equipment and trucks. Be sure to clean off all of the diesel, soap or other release agents before using KLEEN KOTE and remember to apply the product every time. It can also be used in the water tanks of rollers at 50 to 1. This will reduce the amount of water needed to prevent stickage and will also leave a coating on the drum allowing the operator to get off the pavement if the water should run out.

Boring and Tunneling Equipment **8 to 1 - 11 to 1**
 Use KLEEN KOTE to prevent mud and clay from sticking to conveyor belts, skid steer loaders, cranes, etc. At the end of the day, the mud and clay will clean right off of protected equipment. For the conveyor belts, a constant mist will keep it stick free and stop the hours of clean up at the end of the day.

Concrete Equipment **11 to 1**
 Spray all of your concrete finishing and placing equipment prior to every pour and clean up will be easy.

Concrete Forms **11 to 1 - 15 to 1**
 KLEEN KOTE is safe for use on all form types including wood, aluminum and plastic. Be sure to clean or cast off as much of the old release as possible to eliminate any reaction between KLEEN KOTE and the old form release. Do NOT switch back and forth between KLEEN KOTE and other release agents. If the forms are new, season them just as you would with oil. The mix ratios vary from 15 to 1 for porous surfaces thru 11 to 1 for non-porous surfaces.

Concrete Form Liners **15 to 1**
 KLEEN KOTE will provide a smooth, easy release to reproduce the liner design down to the finest detail. Call for vibration suggestions. The typical mix ratio is 15 to 1 but can be varied depending upon results.

Concrete Pumping and Belt Trucks **11 to 1**
 Spray KLEEN KOTE on once per job and do not clean the hopper until the end of the job. Spray your entire truck. To polish truck, see "KLEEN KOTE Vehicle Instructions".

Construction Equipment **11 to 1**
 Apply to all equipment to keep mud and other debris from sticking to your equipment.

Hand Tools **11 to 1**
 Spray on hand tools regularly to inhibit rust and to keep them looking like new.

Liquid Mask **11 to 1**
 Spray KLEEN KOTE on any surface that is near where fresh concrete will be poured. KLEEN KOTE will not stain the surface and splatters can simply be brushed or power washed off.

Painting Equipment **10 to 1**
 Spray on all equipment to keep paint splatters from sticking to equipment, lifts and scaffolding. It also helps to keep the joints lubricated.

Precast Concrete Industry **Varies**
 Please call for specialized assistance due to the many variables in the precast industry. Our specialists will assist you in attaining the finish you are trying to achieve. Generally, the mix ratios vary from 11 to 1 thru 18 to 1.

Printing Industry **8 to 1**
 Use as a release of water based inks and glues in printing presses instead of grease.

Ready-Mix Trucks **11 to 1**
 Spray the entire truck with KLEEN KOTE as needed or after every wash. KLEEN KOTE will only need to be applied to the chute and hopper after every delivery. For cab polishing instructions please see "KLEEN KOTE Vehicle Instructions". Additional directions are available if needed.

Rental Equipment **11 to 1**
 Use to inhibit rust on equipment that is stored outside. It will also keep most paints from sticking to scissor lifts, etc. It will also keep asphalt, concrete and mud from sticking to your rental equipment.

Sawing and Planing Equipment **11 to 1 - 50 to 1**
 Use in the tanks of saws and planers to reduce the amount of water needed to lubricate and cool the blades. KLEEN KOTE will also help reduce clean up time by preventing slurry from sticking to machines.

Snow Removal and Hauling Equipment **8 to 1**
 Use KLEEN KOTE to keep snow and ice from sticking to equipment. It can also be used as an environmentally safe way to keep snow from sticking inside dump truck boxes when hauling snow off-site. It also provides rust inhibiting qualities to protect from salt corrosion.

Tilt Up Concrete **11 to 1**
 Please call for specialized assistance due to the many variables regarding tilt up concrete projects. Our specialists will assist you with proper mix ratios and application techniques. Instruction sheets are available.

Trucks, Buses, Trains, Etc... **11 to 1**
 KLEEN KOTE will help brighten faded equipment. It will also help prevent stains around the fueling inlets and exhaust stains on the vehicle's paint finish.

Vehicle Protectant and Polish **15 to 1**
 To apply KLEEN KOTE for the first time you must first wash the vehicle. Then spray on one panel at a time and polish in while droplets are still white. HINT: Mist on the front of the vehicle and let product go clear to help prevent bugs from sticking. KLEEN KOTE will also safely help remove bugs from your paint finish.



providing "PROGRESSIVE SOLUTIONS" for your industry.

KLEEN KRETE™

For Removing Hardened Concrete From

- > Concrete Forms
- > Concrete & Mortar Mixers
- > Hand Tools
- > Precast Equipment
- > Ready Mix Trucks
- > Saw Cutting Equipment
- > Screeds
- > Troweling Machines
- > Vehicles

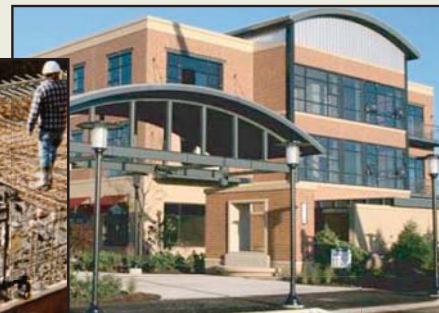
Other Uses

- > Cleaning & etching concrete floors prior to applying epoxy coatings.
- > Etching concrete floors to create a non-slip surface.
- > Dilute at 5 parts water to 1 part KLEEN KRETE for use as a brick wash.

KLEEN KRETE is a unique liquid that has the ability to remove dry, hardened concrete from virtually any surface and will not harm aluminum, chrome, electrical systems, glass, paint, rubber and most other surfaces when used according to directions. This is a biodegradable product and eliminates the need for air hammering, sandblasting and scraping hardened concrete from equipment, forms and other items that may come in contact with concrete. It is packaged ready-to-use and only needs to be brushed or sprayed onto the dry concrete that needs to be removed. KLEEN KRETE is also an environmentally friendly way to etch and clean concrete floors in preparation for application of epoxy or simply to create a non-slip surface.



Easily remove hardened concrete from equipment and tools after use.



Safely cleans most masonry surfaces.



Epoxy floor preparation and surface etcher.



Environmentally Friendly

- o KLEEN KRETE is the eco-friendly alternative to conventional methods of removing hardened concrete and helps extend the life of your equipment by keeping it clean.

Easy To Use

- o KLEEN KRETE is packaged ready-to-use and is easy to spray or brush on. For added convenience it is packaged in 1, 5 and 55 gallon quantities and every 1 gallon bottle includes a 36" trigger sprayer. *Dilute for use as a brick wash (see instructions).

Non-Hazardous

- o KLEEN KRETE is safer for your employees and the environment than conventional acids that are typically used to remove hardened concrete or etch concrete floors.

Reduces Equipment Damage and Labor Costs

- o By eliminating the need for air hammering, sand blasting and scraping, KLEEN KRETE reduces associated labor times and damage caused to buildings, equipment and vehicles.

Safe For Use On Most Surfaces

- o KLEEN KRETE will not damage chrome, paint, rubber and most other surfaces when used according to directions.

PO Box 7277
 Algonquin, IL 60102
 800.801.7832 - 847.639.7272
 support@4progressive.com
 www.4progressive.com



providing "PROGRESSIVE SOLUTIONS" for your industry.

Can easily spray from any container including 1 gal., 5 gal. and 55 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 wallet 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.
- Eliminates the need to stop and refuel your gas-engine powered sprayer.
- 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' so you may never have to unload or move the product you are spraying from your vehicle.
- 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 fill up can or bottle type sprayers you reduce spillage.
- 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) : Bleach Solutions : Fertilizers : Cleaners
Form Oils & Other Release Agents : Concrete Sealers : Pesticides
Curing Compounds (Including White Wax Cures, High Viscosity & High Solids Products)
Stains : Herbicides : Deck Sealers & Cleaners : 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' power cord
 - 230VAC includes standard 9' power cord ("EU" or "AUS")
 - 12VDC includes standard 25' 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" Straight Brass Wand Section
 - 1 - 18" Curved Brass Wand Section
 - 1 - 1gal. per minute Brass Fan Tip
 - 1 - Adjustable Brass Fan Nozzle
- 100' Safety Yellow 3/8" 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.

PO Box 7277
Algonquin, IL 60102
800.801.7832 - 847.639.7272
support@4progressive.com
www.4progressive.com

providing "PROGRESSIVE SOLUTIONS" for your industry.

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*)

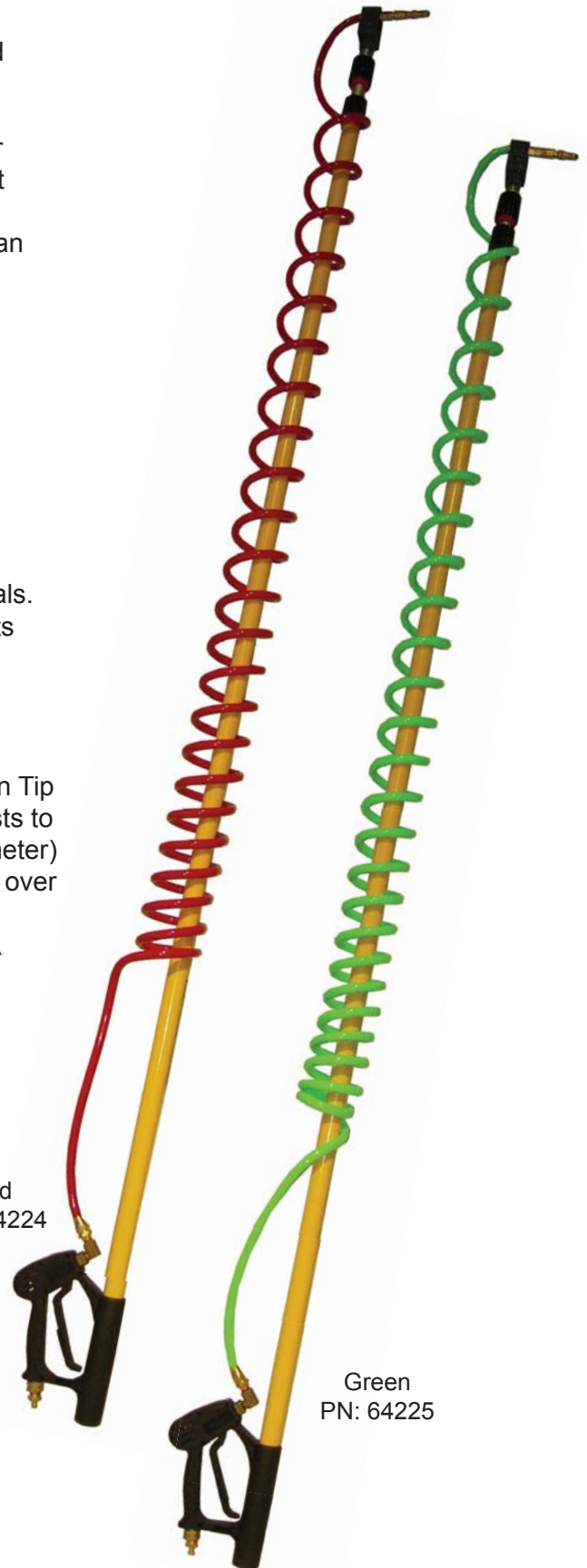


Quick Connect Spray Tip
Close Up

- 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



providing "PROGRESSIVE SOLUTIONS" for your industry.

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.

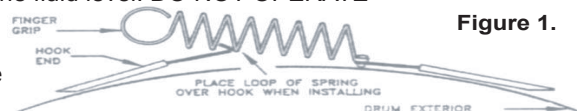


Figure 1.

- **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.**

providing "PROGRESSIVE SOLUTIONS" for your industry.

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.



- 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

providing "PROGRESSIVE SOLUTIONS" for your industry.

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

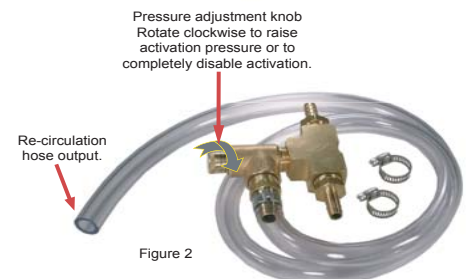


Figure 2

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**

REV010809

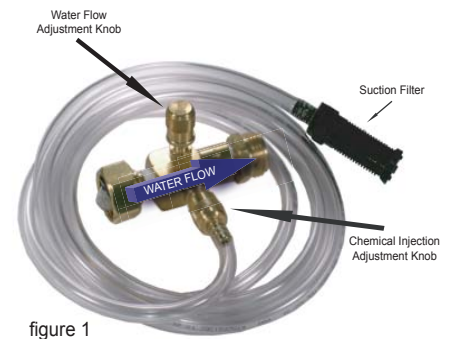


figure 1

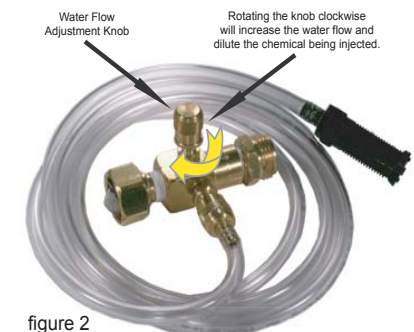


figure 2

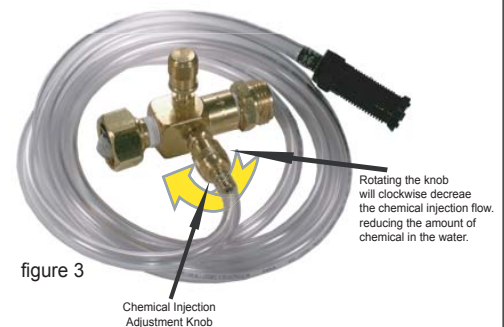


figure 3

Chemical Injection Adjustment Knob

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