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THE OFFICIAL NEWSLETTER OF KLEEN-RITE CORP.

ISSUE NO. 5 AUGUST 2006

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**REMINDER:**

ATTEND  
KLEEN-RITE EXPO  
WEDNESDAY  
NOVEMBER 15TH

**PUMP STAND**



### THE NEWS

#### Kleen-Rite Show a Hit

COLUMBIA, Penn. — Kleen-Rite Corp. held its second annual "Learn More, Earn More" Informational Expo and Training Seminar at its company headquarters on Nov. 16, 2005. The event attracted more than 500 operators from all over the world and more than 65 manufacturers from the car-care industry. Vendors exhibited their best new products for 2006.

Highlights of the one-day show included educational seminars, facility tours, prize giveaways and great food, said Mike McKooly, President of Kleen-Rite Corp. McKooly said he was pleased with the growth of the event and the continuing education that the manufacturers and Kleen-Rite staff provided at this industry event.

"This day was about helping operators grow their respective carwash businesses," said John Tobias, Marketing and Creative Director for Kleen-Rite. Tobias is already planning for the 2006 show. Source: Kleen-Rite Corp.



BCC's George Spence (left) and Kleen-Rite President Mike McKooly



Show attendees take a break from the trade show to eat

### NEW ITEMS

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# INSIDE

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*\* Select items may be excluded from our free shipping offer.*

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## On The Cover

This issue we feature Columbia, PA hometown girl Dianavis Garcia. 25 year old Dianavis works in Human Resources for Childcraft Education. She also models for 911 Photographics.

The 1970 Dodge Challenger was provided by Phillip Massey of Lincoln University, PA. Phillip bought the car his Senior year of High School with 43,000 original miles and had it repainted. He is a single Dad of a 14 year old Daughter named Sierra, who wants his Challenger for herself.

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# Choosing The Right Dryer for an Inbay Automatic

by Kim Balli, Proto-Vest Inc.

The best way to obtain the right drying system for an automatic / rollover operation is to be as informed as possible. Being aware of the system's capabilities, materials, decibels, energy usage, agents, and general operation will allow you to make the most educated decision on which dryer will provide the greatest results. This, combined with proper machine maintenance, will produce a long lasting effective drying system for your company.

## WHAT TO ASK / GENERAL CAPABILITES

Before purchasing a new system, it is helpful to ask dryer manufacturer questions like why their dryers are different from the competition, how effective the dryer really is and if there is any after sales support offered. As the old adage goes, you get what you pay for. After the initial cost, a high quality product will provide a return on investment year after year, increasing bottom line profits. The ideal, ecological dryer utilizes low horsepower, is well thought out, highly engineered and is designed for efficiency and longevity.



## MATERIALS

Carwashes are very demanding on their equipment since they expose them to continuous water flow, chemicals and agents necessary to the washing process. Textiles used to compose dryers determine the systems maintenance, aesthetics, safety and ultimately equipment life. When looking at the dryer's impeller housing, safety becomes the most important point of concern. With the impellers rotation at 3600 RPM's any malfunctions may have fatal consequences.



## NOISE REDUCTION

In order to protect employees, customers and the surrounding community it is important to consider noise reduction precautions in car washes. Industrial dryers are usually considered to be the loudest equipment in the washing process, with levels measuring from 75-100+ decibels. This becomes an issue when OSHA monitors noise levels anywhere at or above 85 decibels. To resolve this problem certain dryers come equipped with silencing packages. Some manufacturers also offer after market silencers that can be integrated with an existing system.

## ENERGY EFFICIENCY

While California recently has had issues with energy availability, the problem is not isolated to their particular region of the country. In recent months there have been huge increases in Oil, Gas and Coal prices, all of which are used in the generation of electricity. In turn, these escalations are reflected in the price the end user pays for power. Operators should also be aware of the direct relationship of the cost of operation per horsepower to kilowatt usage (1hp = 0.97 Kilowatts). Staggered starts, VFDs and other motor load control devices help minimize demand rates and improve energy efficiency between vehicles. In any case, operators should make sure the dryer is back up to full power before the car enters the dryer, allowing the system to be more effective.

## DRYER AGENTS

Even when using the best drying systems, operators may not always achieve desirable drying results. Often, it is the wash process that aids in the best outcome. Cleaning products work together and work best when pH balanced. When there is too much alkaline in the wash process, water tends to lay flat and sheet instead of breaking on the surface, inhibiting the drying process. When it comes to breaks in the wash process, it's not a question of drying the automobile faster but more effectively. Breaks are open dry pockets on the vehicle's surface which force water to stream off the car. This action reduces the water's surface area resulting in less friction & allowing the natural force of gravity to aid in the drying process. In addition, water breaks allow the dryer's blowers to force air under the water to effectively strip it from the vehicle's surface. Water breaks should not be con-

*Continued on next page*

fused with beading, a situation where the water forms into many small droplets inhibiting the flow of water off the vehicle resulting in less efficient drying. There are many variables that affect the balance of the wash process such as climate, humidity, season, regional air qualities and road surface conditions. Consulting with your regional supplier is recommended to assist you in making your system properly pH balanced to obtain the right chemical levels in the wash process, allowing for the cleanest, brightest and driest results.

### TIME

Generally the two types of industrial dryers used in automatic / rollover operations are onboard and stand-alone systems. In most cases stand-alone dryers are used since they allow for higher vehicle turnover and less customer wait time. When using stand-alone dryers it is important to consider the control the customer has on the vehicle's drying duration. If the customers go through the cycle too fast, drying performance may be compromised. Often operators will install timers next to the dryers to indicate the best drive through speed. Different dryers will have different drying times depending on their efficiency, so it is important to set the timer accordingly.

### PRACTICALITY

In the end, customers will respond to what they see. The most valued drying surfaces are the front windshield, front hood, driver's side window, passenger side window; then the rear window, backseat passenger windows, and trunk.

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# From our car wash family to yours!

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Hamel Manufacturing has stayed in the Family for three generations. Above, from left, Carol Hamel; her son Mark; founder Hod Hamel; Mike Hamel, and Chris Hamel.

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# Touch-Free Automatic Cleaning Solutions

by Jim Stump & Brady Stump, JBS Industries



Touch-Free automatic carwashes are designed to give the customer a quality carwash in a convenient and timely manner. To achieve this goal, careful thought must be given to the choice of your touch-free cleaning solutions.

The first process in a touch-free carwash is the application of a presoak. Presoaks are detergents that are designed to soften, lift and emulsify hydrocarbons and residues left behind from the normal elements that a vehicle encounters on a day-to-day basis.

Presoaks are usually applied in one of two ways. Depending on the particular carwash equipment, an automatic will be designed to apply a single-step or two-step presoak application. In some cases, the carwash operator can have the choice of a single-step or a two-step with the same equipment.

To gain optimum cleaning, many carwash systems today are designed to heat the presoak detergent before it is applied to the vehicle. This is a simple way to improve your cleaning results by up to 15% and an important step to consider, before the first chemical has come into contact with the car. The range for ideal heated presoak is 110 F to 120 F.



The single-step process applies only one type of presoak chemical, which is typically an alkaline, high pH, polymer surfactant driven detergent. The presoak should remain on the vehicle surface for 15 to 20

seconds (for maximum cleaning.) This is called dwell time. During this time period, the presoak is quickly and safely lifting and loosening road film from the vehicle surface. After the short dwell time, a high-pressure rinse is applied to the vehicle that effectively removes the loosened soils and road film from the vehicle surface.

**The presoak should remain on the vehicle surface for 15 to 20 seconds for maximum cleaning. This is called dwell time.**

The alternative option for presoak application is the two-step process. This is accomplished by applying two entirely different presoaks to the vehicle surface. One effective two-step process is the application of a low pH presoak followed by an alkaline / high pH presoak. Normally the low pH presoak is applied first. Low pH presoaks are very effective on surfaces such as glass and chrome. Also a unique synergy is created when the high pH presoak (second step of two-step process) is applied over the low pH presoak.

Innovations in chemistry have now made it possible for carwash owners to use non-corrosive low pH products vs. the more hazardous low pH products consisting of hydrofluoric acid or ammonium bi-fluoride. Our company and a handful of other leading brands now carry these new non-corrosive low pH products.

Another effective first step presoak that can be used in place of a low pH product is an all-natural citrus-based presoak containing d-limonene (orange oil) that softens and emulsifies hydrocarbons, insects, bird droppings and other hard to remove residues found on the vehicle surface. This is quickly becoming a popular alternative to low pH products (as a first step of a two-Step Process) and perhaps even achieving better results in certain parts of the country where bugs are prevalent.

Whichever presoak an operator chooses as his first step in a two-step process, it will most always be followed by the alkaline / high pH polymer based presoak as the second step of a two-step process.

# PRESOAK

## Automatic & Tunnel



Powerful high pH polymer presoak leaves vehicles incredibly clean, with all vehicle surfaces sparkling. Combines a concentrated amount of the exotic polymer technology found in the classic Storm product and couples it with added grime fighting agents to create the ultimate in pre-soak synergy! Extremely fast acting! Rinses freely. 100% biodegradable.



Part #	Size
JB5220	5 Gallon
JB30220	30 Gallon
JB55220	55 Gallon



The high pH presoak is an excellent compliment to the first step and when properly applied, it will remove all remaining road film, grease, grime and salt from the vehicle.

As with the single-step process, there should be a short dwell time included after the application of either of the presoaks followed by the same high-pressure rinse to remove all loosened soils, road film and any other residues.

Over the last few years, scented presoaks have become much more prevalent. These added fragrances play a vital role in the customer perception of both the wash value and overall perception of your wash facility.

The next step in the touch-free cleaning process (after the presoak) is the application of the foaming polish. Foam polish is a synthetic carnauba based product that should appear as rich multi-colored foam that greatly enhances the shine of the vehicle surface, while providing great customer appeal. This step is commonly known as tri-foam, because this cycle (in most cases) creates three different colors of a foaming polish. The tri-foam is then removed with another high-pressure water rinse.



After the foam polish application, the next product applied is the clear coat protectant or clear coat sealer. This product is designed to protect the vehicle surface from such things as salt and the sun's damaging UV rays, while enhancing the gloss of the vehicle surface. A low-pressure rinse typically follows this application.

The final step in the touch-free carwash process is the spot free rinse cycle. This low-pressure application consists of the vehicle being treated with RO (reverse osmosis) water at low pressure. This treated water provides the vehicle with a spot free surface without the need for hand drying.

It should be noted that outside temperatures and seasonal changes can play a major role in the effectiveness of a touch-free carwash and its products. For this reason, it is suggested that regular volume tests and titration measurements are taken to achieve optimum cleaning.

By following these steps, you will deliver maximum results at your touch-free carwash and have customers coming again and again for many years.

*by Jim Stump, Founder & Brady Stump, Marketing Director of JBS Industries, a leading carwash chemical manufacturer & supplier to Kleen-Rite.*



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# THE KLEEN-RITE TEAM

## Roxanne Anderson

Warehouse Supervisor

Roxanne has been an employee of Kleen-Rite since 1996 and has been overseeing the daily tasks of pulling & packing orders the last 7 years. She started out at Kleen-Rite packing orders for shipment and quickly worked her way into the position of pulling orders from inventory.

Today, we rely on Roxanne to keep our warehouse running smoothly as she organizes inventory, supervises the pulling & packing of orders, while keeping everyone on their toes.

Roxanne has lived in Columbia, PA for the last 26 years with her husband Dick. She has two children and 2 grandchildren. Rox enjoys going to auctions, collecting frog figurines, baseball, football (Eagles) & yard work.

All of us here at Kleen-Rite want to thank Roxanne for her years of service and for helping build the company into what it is today.



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Model CE

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Model CR

### Coin Counting Scales

The KCS Series Coin Counting Scale is an easy-to-use, highly accurate scale for weighing coins, tokens, US paper currency and tickets. Capacities: 12lbs, 30lbs and 50lbs. 10 Preset keys. Battery operated.



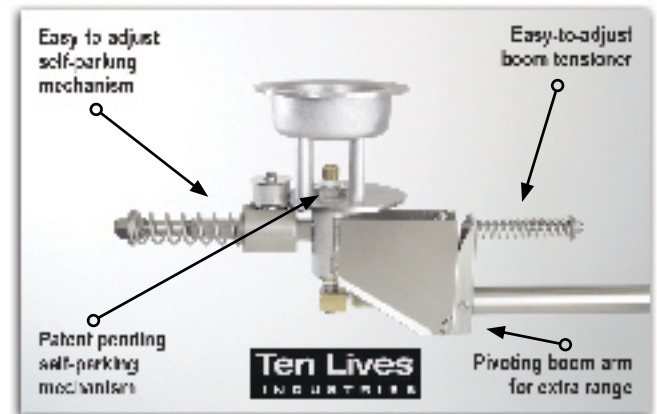
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Carded -JT704



**Camo™**  
(Pine)

Pouch Pak - JT105  
Carded -JT705



**Buddy™**  
(Peach)

Pouch Pak - JT106  
Carded -JT706



**Puerto Rico™**  
(Piña Colada)

Pouch Pak - JT107  
Carded -JT707



**Hippie™**  
(Spiced Berry)

Pouch Pak - JT108  
Carded -JT7058



**Sexy™**  
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# Tradeshow SCHEDULE

**Kleen-Rite is hitting the road this Fall.**

We will be exhibiting at various regional trade shows this Fall.

We hope you come to one of the shows & stop by our booth.

Below is our trade show schedule, we hope to see you there!

- September 9-12 Southeastern Car Wash Association  
Hyatt Hotel Convention Center, Louisville, KY
- September 18-20 Midwest Car Wash Association  
DeVos Place, Grand Rapids, MI
- October 16-18 Northeast Regional Car Wash Convention  
Borgata Hotel, Atlantic City, NJ
- October 25-27 Western Car Wash Association  
Hilton Hotel Conference Center, Las Vegas, NV

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# A Look At Our New Las Vegas Western Distribution Center



This past March marked the Grand Opening of our new Western Distribution Center located in Las Vegas, Nevada. The new facility was unveiled during the International Car Wash Association's Annual Expo in Las Vegas, March 2006. Our goal for this facility is to give our customers on the west coast faster, better service, lower inventory levels, lower shipping costs, less down time and to help them keep their operating costs down by saving even more.

"The whole idea of having this new facility," says Keith Lutz, Kleen-Rite Vice President, "is to be closer to our customers on the other side of the country. In the fast-paced world of car washing, getting your needed supplies and replacement parts as quickly as possible is crucial to our customers' success. Now an operator in San Jose, California can receive their goods in 2 days instead of 5 or 6."

"The Facility has shown continuing growth in its initial 10 weeks of operation," says Jim Lutz, Western Distribution Manager, "Our inventory has grown to over 500 popular items and we have also gained new customers throughout the west coast region. The Las Vegas staff is looking forward to further growth in the months ahead as we continue to expand our inventory to meet our customers' needs."



*Tons of soap flew off the shelves to Western Operators during our "Monster Soap Special"*

*The warehouse is filled with Vending supplies ready for shipment.*



*Towels, fragrance, you name it! All in stock and ready to go!*

*The facility is filled with inventory coming in and going out, meeting the needs of our western customers.*



*Our new Western Distribution Center is in good hands. Jim and Sally Lutz are our new Western Distribution Managers.*

# WARNING

DO NOT use High Strength Acids in Stainless Steel Sprayer Tanks!  
 As we found out the hard way at our own Kleen-Rite Car Wash.  
 After having put high strength acid in our tank, several minutes later it exploded, sending shrapnel across the parking lot. These tanks are a great product as long as you don't put the wrong chemical inside.



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# GRAPHICS



# Q&A COIN ACCEPTORS

by Mike Lefever, Kleen-Rite Technician

## Q. Which coin acceptor is right for me?

**A.** There is no single right answer for everyone. There are many different coin acceptors available, and there are advantages and disadvantages to all of them.

The two principal categories of coin acceptors are electronic and mechanical. Mechanical acceptors use a mechanical coin switch and doesn't require power to operate or count coins. Electronic acceptors use various electronic means to distinguish the different coins and give the proper credit for them.

Mechanical coin acceptors are easier to wire into a system and cheaper, but they aren't as good at distinguishing different coins and don't offer the versatility of an electronic acceptor when it comes to handling multiple different coins.

Electronic coin acceptors are pricier than mechanical acceptors, but are much more reliable and versatile than their mechanical counterparts. Available electronic acceptors will take anywhere from 1 coin to 5, 6, or even more different coins. These acceptors provide flexibility for the operator to take coins other than just quarters. Many operators today dispense and accept tokens and/or dollar coins as well as quarters. Some of the advantages of tokens are that they provide a measure of security since there isn't as much cash in the bays, and they open up opportunities for promotions that aren't available to an all-cash operation.

Mechanical acceptors have largely been overtaken by electronic acceptors for bay use, but you can still find them in service in many vacuums, although electronic acceptors are becoming more widely used even in vacs, by people who want the same reliability and multiple coin acceptance that they have in their bays.



## Q. Which brand of electronic acceptor is right for me?

**A.** All of the major manufacturers of electronic acceptors currently offer reliable, high quality units. You should look at the features, such as number of coins accepted that all the various acceptors offer and compare them to your requirements. If you're using tokens, it's also a good idea to talk to your token supplier and see if they have a recommendation. There might be a particular acceptor that is more or less compatible with the tokens you're using.

## Q. I have mechanical acceptors now. How do I change to electronic?

**A.** Assuming you're using 24 volt timers in your bays, it's as simple as finding an acceptor that fits in place of your existing acceptor and wiring it in to your timer.

The easiest way to do it in your vacuums is to change out your existing 110 volt timer with a new timer that offers a 24 output to power the coin acceptor. Kleen-Rite's own KR403 timer is a 110 volt timer to directly operate your vacuum, but it also offers a 24 volt power supply for an electronic coin acceptor. You can also use a fully 24 volt timer (for example if you want to offer a digital display), but you must then use a transformer to bring the system down to 24 volt, and then a relay to power up the vacuum when the timer calls for it.

*Mike Lefever is one of our Kleen-Rite Technicians. Feel free to contact Mike or any of our other Technicians with questions concerning your operation, We'd love to help.*



# Don't Miss The Third Annual Kleen-Rite Expo!

Wednesday, November 15th, 2006



## TRAINING SEMINARS

Take part in any one of the many Training Seminars taught by the manufacturers themselves.

## FACILITY TOURS

All aboard the trolley car for a complete in depth tour of the entire Kleen-Rite operation, including our own carwash.



## EXPO FLOOR

Take your time wandering the Expo floor area with over 75 manufacturer's booths set up to meet and discuss your operation.

## NEW PRODUCTS & EQUIPMENT

Discover what's new in ever changing products and equipment designed specifically for today's carwash.



Kleen-Rite Corp. is located in Columbia, Pennsylvania.  
In Beautiful Lancaster County, the heart of Amish Country!



## ONE ON ONE

Meet one on one with any one of Kleen-Rite's Technicians to discuss solutions to any of your carwash questions.



## FREE BUFFET

We won't let you go hungry while you're here! A free buffet will be available for everyone throughout the day!



## DOOR PRIZES & SHOW SPECIALS

Thousands of dollars in door prizes will be given away in random drawings! Take advantage of huge savings on specials offered only to show attendees!



## REGISTRATION PACKET REQUEST

**YES!** Please send me a registration and information packet on the third annual "Learn More, Earn More" informational expo and training seminar day.

Name:	
Business Name:	
Customer #:	
Address:	
State:	Zip:
Phone #:	
Email:	

Fill out the request form and mail or fax it back to us and a registration packet will be in the mail to you in a few weeks.

Kleen-Rite Corp.  
Attn: Expo Staff  
P.O. Box 886  
Columbia, PA 17512

Expo Fax # 717-684-7798

# Currency VALIDATORS

PTXLC5200SN2	Stackerless, accepts US currency \$1-5
PTXLC5200U52	Stacker with 500 note cassette, accepts US currency \$1-5
PTAPEX5400	Stacker with 500 note cassette, accepts US/Foreign currency \$1-20
PTAPEX5600	Stacker with 500 note cassette, accepts US/Foreign currency \$1-100



**▲ PYRAMID TECHNOLOGIES, INC.**  
**APEX 5000 SERIES**  
 1-800-233-3873 | www.kleen-ritecorp.com

# IT WORKS

## Plastic Wall Panel Cleaner



A powerful liquid detergent specifically designed for cleaning plastic wall panels. Recommended source by Extrutech Plastics, Inc. Field tested by operators from Florida to Wisconsin to California. HF free.

### Technical Details:

Ratios from straight to 20:1.  
 Spray on with low pressure and spray off with high pressure.  
**5 gal NAP5408**

200 per case

VSTAWC

# Triple Action Window Cleaner Towelette

From **Quick Dry®**



- 1** Cleans & Shines Windows & Mirrors
- 2** Removes Film and Grime
- 3** Streak Free

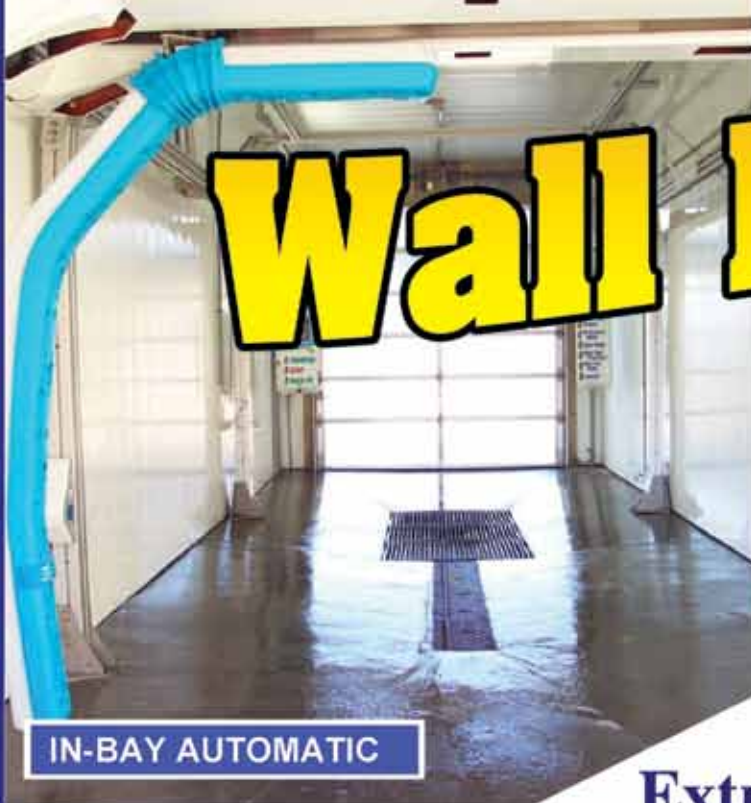
Will fit in slender fragrance spirals and works better in triple & 5-Column venders!

- 3" x 5" package
- 12" x 13" spunlace towelette

Car Wash



# Wall Panels



IN-BAY AUTOMATIC



SELF SERVICE

## FEATURES:

- Low Maintenance
- Impact Resistant
- Never Needs Paint
- Mildew Resistant
- Moisture Proof
- Durable
- Lightweight
- Will Not Rot
- Will Not Rust
- Will Not Warp

## Extrutech Car Wash Panels

- P2400 - 24"
- P1300 - 12"
- P3000 - 12"
- All Trims

AVAILABLE FROM  
**KLEEN-RITE** CORP.  
YOUR RELIABLE SUPPLIER FOR THE CAR WASH INDUSTRY

## CLASS " A " FIRE RATING

PER ASTM E-84

- Accent Colors
- Custom Lengths
- No Exposed Fasteners
- Easy to Install
- Ten Year Warranty



FULL SERVICE TUNNEL

WITH PARTITION WALL



PVC DOORS

WITH PANELS

The New  
**Quiet Kleen Pump Stand**

Experiencing noisy equipment rooms, expensive repairs, or looking to try something new?

Don't deny yourself the opportunity of a quieter and more efficient operation. **UPGRADE** to Arimitsu Pumps on your equipment. The #1 selling Car Wash pump in Japan.



**Why ask for Arimitsu Pumps:**

- Forged brass manifolds for strength and compact size that are machined to optimize fluid flow and decrease erosion.
- Slide-in seal cases with self-compensating high pressure seals. No special tools. No weird seals.
- Low pressure seals and inlet valves designed for suction minimizes cavitation.
- Specially-formulated solid ceramic plungers and unique retainer system allows longer dry running without damage from thermal shock.
- Stainless steel valves designed for the rigors of Car Wash.
- Zero clearance, non-corroding exclusionary seal provides an added barrier against fluid from entering crankcase.
- Greater efficiency and better design result in a quieter pump and equipment room and lower utility expenses.

\*Also available on new VFD pump stands.

**Complete pre-plumbed & pre-wired.  
Assembled ready to go Bay Units.**

**Standard Unit as shown:**

Baldor 5HP, 3 PH Motor, Arimitsu Model 516 Pump, Regulator & Pulsation Dampener, Stainless Steel Soap & Wax Solenoids, 3-Way Valve set-up for hot wash & cold rinse, Weep Plumbed, Motor Starter, Transformer, Counter, Hour Meter, 2-Belt Pulleys & S.S. Belt Guard. *Unit can be customized to your specification.*

Model 313



Model 516



**Retrofit your existing equipment with convenient Upgrade kits.**

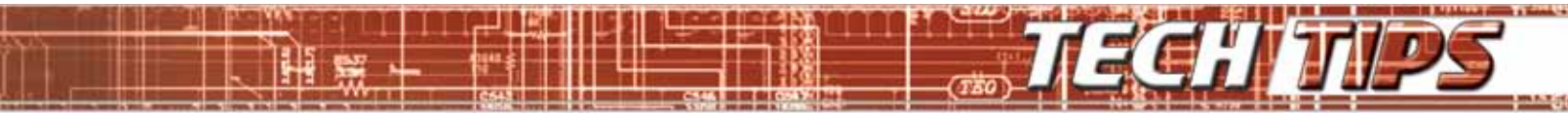
Each Kit includes: Pump, Rails to fit 5CP/310 stands, Hub, Key, 1-Groove Pulley.

**Simply Order the Set-up that best fits your needs:**

PN	Description	Specifications
61000	Model 313 Kit LEFT	4 GPM, 1500 PSI, 1050 RPM
61001	Model 313 Kit RIGHT	4 GPM, 1500 PSI, 1050 RPM
61002	Model 516 Kit LEFT	4 GPM, 2200 PSI, 950 RPM
61003	Model 516 Kit RIGHT	4 GPM, 2200 PSI, 950 RPM

# Taking The First Tankless Step

by Gary Caudill, Tankless Evangelist, Paloma Industries Inc.  
Gary.caudill@palomaindustries.com



When a decision is made to break with convention and install a Digital Tankless water heater system for the first time, the business owner is faced with judgments he never made with the old tank-type heaters. In the past it was good enough to install an over-sized tank-type water heater without questioning if the solution was sized properly, or efficient from an energy or financial standpoint.

Historically, we have been a nation of tank-type water heater users. It has been easy to accept their costs and shortcomings without question. After all, hot water was there for the taking. We're in a new age now.

Some experts have noted that the cost to develop new oil and gas resources will become increasingly expensive. In any event, we know that prices have risen dramatically in the last year, energy supplies are an issue of top national security concern, and fossil fuel use is the leading source of carbon dioxide in the environment.

Let's get used to it: Energy efficiency is forcing its way to the top of our national agenda, and as business owners we should stay ahead of the curve (and on top of our bottom line)!

In the car wash industry, the use of gas to heat water is one of your top utility expenses. And it is one of the few expenses you have a hope of controlling.

You will find several advantages by converting to tankless:

- 1. Sizing:** It is easy to know if your water heating system is sized properly or not, because the Paloma Digital Tankless Solution Sizing is based primarily on Peak Use Requirements in Gallons Per Minute (GPM), not BTUs.
- 2. Water Heating Costs track Traffic:** With a tankless solution, you can know that your water heating costs are being driven by traffic to your business. Water heating becomes a variable cost, not a fixed cost.
- 3. Reduced Standby Heat Loss:** Because your tankless solution offers fast recovery using cold inlet water, you can eliminate or substantially reduce the amount of hot water that is simply on hold, day and night, waiting for your next customer.

Complicated? Not really, let's take a look at the simple 3-step sizing process:

- Calculate temperature rise
- Estimate the peak hot water demand of your fixtures
- Use sizing table to select the tankless units you need

## • Calculating Temperature Rise •

Temperature Rise is the difference between the temperature of hot water you provide customers in your carwash bays, minus the incoming water temperature in January (the coldest time in the year). It has nothing to do with the 120 or 140 degrees that you may maintain in a tank-type water heater today.

Example:

Car wash temperature: 110°  
January water temperature: 40°  
Temperature Rise ..... 70°

## • Calculating Peak Demand •

To calculate peak demand, find out how many gallons of water your fixtures use each minute, and then make a common sense adjustment based on the likelihood that all bays are in the hot wash cycle at the same time.

Number of bays:	8
Hot water usage:	4 GPM/bay
Absolute Peak Demand:	32 GPM
Common Sense Peak:	24 GPM

The common sense peak assumes that only 6 of 8 bays would ever be in the hot cycle at same time. This is where your experience comes into play.

## • Consult System Sizing Guide •

By consulting the 28-C System Sizing Guide (on the [www.palomatan-kless.com](http://www.palomatan-kless.com) website), we can see that it will take exactly 5 Paloma 28-C units to give us 24 GPM continuously with a 70° temperature rise.

# Air Logic

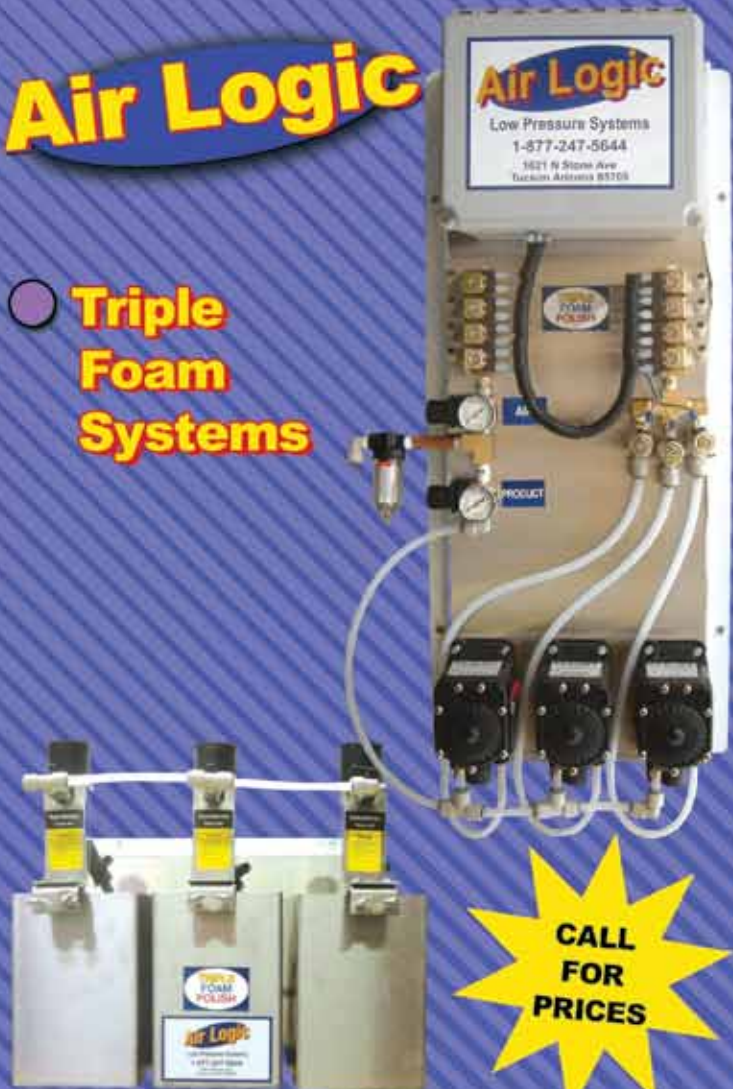
## ● Low Pressure Systems



CALL FOR PRICES

# Air Logic

## ● Triple Foam Systems



CALL FOR PRICES

Is old and outdated equipment costing you business and valuable time?

Tired of equipment failure or just poor performance?

**Then it's time for a change!**

Air Logic offers low pressure systems at an affordable price!!

These systems can be used for:

- Pre-Soak
- Tire/Motor
- Foam Brush
- Bug/Tar



**Stay ahead of your competitors...**

**Order your TRIPLE FOAM system today!**

- It's a thick, foamy, colorful, and high fragrance clear coat polish.

**TRIPLE FOAM** systems come completely assembled.

**Systems include:**

- Stainless steel tanks, 506 Hydrominders, Flo Jet Pumps,
- Air regulators and gauges, Product Solenoids,
- Solenoid Manifolds for air and product,
- Stainless steel wall mount panels.



So we can plan to build either a 5-unit system, or add a sixth unit for margin of error and servicing redundancy.

SYSTEM SIZE (units)	PEAK OUTPUT GPM 70 degree temperature rise
1	4.8 gpm
2	9.6
3	14.4
4	19.2
<b>5</b>	<b>24.0</b>
6	28.8
7	33.6

So far, so good.

And remember, you can't run out of hot water with a tankless the way you can with a tank type heater. Even if you accidentally undersize your tankless system, at least it will always give you hot water on a continuous basis (just not enough of it!). Compare that with the result if you run out of hot water from your tank-type heater. Then your customers will get nothing but cold water, and they will not be happy.

What else?

Well, a tankless system may need a larger gas line. Each heater has a 3/4" connection, but a multi-unit system will need a larger trunk line to feed it. Similar engineering considerations have to go into sizing the water lines, too.

While venting parts can be expensive, the entire vent run does not necessarily have to be long. And, climate permitting, outdoor install models don't require any venting at all.

Paloma can help with all these questions. You can contact me directly, or call our Tech Line at 805-278-5480.

Tankless water heating is not a complicated technology. It is simply a high efficiency unit heating water as it flows into your house or business. It does not keep a standing tank of hot water heated on the off chance it will be used. It can supply hot water continuously and do it 25 to 40% more efficiently than the average tank-type heater. Tankless technology is the wave of the future. It will save us energy, cut our overhead, and reduce pollution. Tankless solutions are scalable and provide built-in redundancy. They take little space while giving you exactly the hot water you need.

Paloma has Excel-based sizing tools to help size a Paloma Tankless solution to various commercial applications. Contact Gary or the Paloma Support Line to have these tools sent to you by email.

# NEW Bi-Lingual Signs!

ea.

## TANKLESS GAS WATER HEATERS

**Small to Big Capacity (19,000~199,900Btu/H)**  
**Residential & Commercial Models**

- ENDLESS HOT WATER
- ENERGY SAVING
- SPACE SAVING
- SELF DIAGNOSIS
- ELECTRONICALLY CONTROLLED
- LOW EMISSIONS -- Low NOx
- DIGITAL DISPLAY -- Easy setting
- CIRCULATING FUNCTION

*First Tankless Water Heaters Equipped With Oxygen Depletion Safety Device & Film Type Overheat Limiter In U.S.A.*



Indoor Model



Outdoor Model

**Paloma**

TANKLESS GAS WATER HEATER



FOR MORE INFORMATION:

Paloma Industries, Inc.

2151 Lutzman Avenue, Concord, CA 94502

Phone: (925) 278-5480

Fax: (925) 278-5485

PALOMAINDUSTRIES.COM

E-mail: PalomaUSA@palomas.com



# Maximize your profits!

## With our Ultra Series Turbo-powered Combination Vacuums!

- Easy-to-use lighted push buttons clearly identify which service is selected
- 3 - 1.6 HP, Ametek motors
- Large digital display timer is highly visible, easy to read, scrolls messages, calculates time between functions, recalculates remaining time when switched during any function, and has a built-in coin counter
- 4 quick-change filter bags
- Mars Series 2000 bill acceptor takes \$1 & \$5 bills
- Lighted colored dome in choice of 6 colors
- Electronic coin acceptor
- Visual and audible last coin alert
- Comes with 7 Medeco locks
- Optional alarm system available
- Optional credit card acceptor available
- Maximum security 2-door design separates service area from the bill acceptor and the coin box storage area
- Built with industry standard components (NO PROPRIETARY PARTS WHICH CAN BE EXPENSIVE, HARD TO SOURCE, AND DIFFICULT TO REPLACE)



### ULTRA 29025 SERIES

- 2 lighted push buttons to select between 2 motor vacuum setting and 3 motor turbo vacuum setting

**29025** 2 motor vacuum, 3 motor turbo vacuum, w/bill acceptor, 250 lbs.

**29026** 2 motor vacuum, 3 motor turbo vacuum, w/bill acceptor, vault ready, 250 lbs.

**29027** 2 motor vacuum, 3 motor turbo vacuum, no bill acceptor, 250 lbs.

**29028** 2 motor vacuum, 3 motor turbo vacuum, no bill acceptor, vault ready, 250 lbs.

**8000-30** Optional remote control programmer for digital display, 8 oz.

### ULTRA 29000 SERIES

- 3 lighted push buttons for the following functions: 2 motor vacuum, 3 motor turbo vacuum, and shampoo & spot remover
- Dispenses 2.5 gallons of foam in 1 min.

**29000** 2 motor vacuum, 3 motor turbo vacuum, shampoo & spot remover, w/bill acceptor, 260 lbs.

**29001** 2 motor vacuum, 3 motor turbo vacuum, shampoo & spot remover, w/bill acceptor, vault ready, 260 lbs.

**29002** 2 motor vacuum, 3 motor turbo vacuum, shampoo & spot remover, no bill acceptor, 260 lbs.

**29003** 2 motor vacuum, 3 motor turbo vacuum, shampoo & spot remover, no bill acceptor, vault ready, 260 lbs.

### ULTRA 29015 SERIES

- 3 lighted push buttons for the following functions: 2 motor vacuum, 3 motor turbo vacuum, and fragrance dispensing
- Dispenses 3/4 oz. of fragrance in 30 sec.

**29015** 2 motor vacuum, 3 motor turbo vacuum, 3 fragrances, w/bill acceptor, 260 lbs.

**29016** 2 motor vacuum, 3 motor turbo vacuum, 3 fragrances, w/bill acceptor, vault ready, 260 lbs.

**29017** 2 motor vacuum, 3 motor turbo vacuum, 3 fragrances, no bill acceptor, 260 lbs.

**29018** 2 motor vacuum, 3 motor turbo vacuum, 3 fragrances, no bill acceptor, vault ready, 260 lbs.

# We've got you covered!

## With our Ultra Series Turbo-powered Combination Vacuums, Detail Station Islands & Canopies!

### 8' Single Vacuum Island Base & Canopy



32001CANY CANOPY & 32001 BASE SHOWN WITH 28000 COMBINATION VACUUM

### ISLAND CANOPY FEATURES

- Canopy covered in 16 oz. vinyl, available in many colors, can be customized to match most sites with the use of applied graphics
- Aluminum canopy frame comes with 4" x 4" aluminum poles
- Canopy comes with (4) 4' fluorescent light fixtures (canopies must be hard wired by a licensed electrician, light bulbs are not incl.)
- Egg crate bottom panel covers underside of canopy protecting the frame and bulbs

### 28000 ULTRA SERIES COMBINATION VACUUM

- Easy-to-use rotary switch to select services
- 5 service doors for easy access to filter bags, shampoo/spot/fragrance, clean-out bin, coin box and meter panel door
- 7 Medeco locks for max. security
- 4 quick-change filter bags
- Electronic coin acceptor
- Industry's most powerful 2 HP air compressor
- MARS series 2000 \$1 and \$5 bill acceptor
- Large digital display timer with built-in coin counter, scrolls messages, prices, and counts down remaining time
- Model 28000 shown - features 2 motor vac, 3 motor turbo vac, shampoo machine, spot remover, 3 fragrances, air machine, 368 lbs., additional models available

### 10' Double Vacuum Island Base & Canopy



32010CANR CANOPY & 32010 BASE SHOWN WITH 29000 & 29015 COMBINATION VACUUMS

### ISLAND BASE FEATURES

- All stainless steel construction - including vacuum platforms
- 4-piece (double vacuum island base) & 3-piece (single vacuum island base) modular construction designed for fast and easy assembly
- Service door is secured with 2 Medeco cam locks
- Interior vaults are available
- Teepee mat holder with 4 mat clamps
- Bumper guard for car door protection
- Provides easy access for trash disposal
- Comes with a 28-gallon Rubbermaid trash container

**12' DOUBLE VACUUM ISLAND BASE & CANOPY ALSO AVAILABLE!**

SHOWN W/ OPTIONAL CREDIT CARD ACCEPTOR

Vacuum Platform for 8' Island is 48"L x 40"D  
Vacuum Platform for 10' Island is 38"L x 40"D  
Vacuum Platform for 12' Island is 48"L x 40"D

As Seen  
on the CBS  
Early Show

# Enrich Your Dogwash Service with the Kleen-Pet™ Vac by GinSan®

## The benefits of owning a Kleen-Pet™ Vac

- **Generates more profits**
  - Another function for your customers to use
- **Reduces Pet Wash bay maintenance**
  - Keeps bays cleaner by eliminating flying pet hair
- **Improves the pet washing experience**
  - Removes water in a short amount of time
- **Easy to maintain**
  - Drain valve allows for easy draining of separation tank
  - Mesh basket separates hair from waste water
- **Easy to install**
  - Runs on 110V AC
  - Vac mounts on equipment room or bay wall



**DOG  
WASH**

AVAILABLE FROM

**KLEEN-RITE** CORP.  
YOUR RELIABLE SUPPLIER FOR THE CAR WASH INDUSTRY

## THE WORLD'S FINEST ORBITAL POLISHER.

For over fifty years, the Cyclo has been used to maintain the finest automobiles and aircraft in the world. Its counter-balanced, orbiting heads remove the swirl marks left by ordinary rotary buffers, provide a lustrous hand-rubbed finish, and are safe for even the most delicate paints and materials. Cyclo Toolmakers, Inc. manufactures a complete line of Cyclo polishers, attachments, and specially blended chemicals for the world's finest finishes. Cyclo products are available through Kleen-Rite Corporation.



THE SHINING LEGEND.





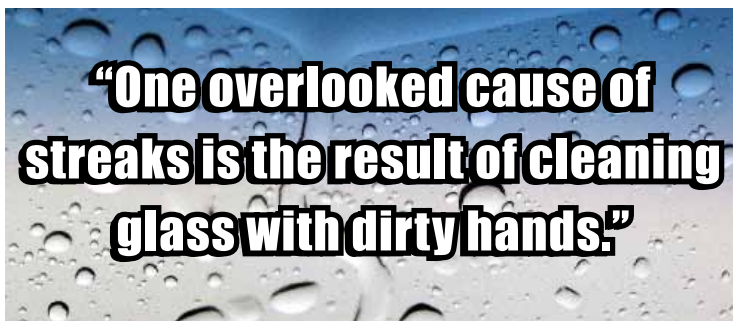
## Let's Make This Perfectly Clear!

by Rod Kraft, Meguiar's Inc.

Cleaning vehicle windows can be a challenge for some detailers and a breeze for others. Are clean windows that important? I would rate them at 15 on a scale of 1-10. Poorly cleaned glass can have the same negative impact on a customer as wax residue left behind or swirls in the paint.

The tools needed to clean windows are very simple; you need a cleaner and something to wipe it on and off with. But in most cases the correct tools work best. There are several forms of glass cleaners from aerosols to concentrates and ammonia or alcohol. The wiping cloth or towel is also important. Everyone has probably tried paper towels or terry cloth and even surgical towels. The one towel that seems to be the work horse for windows is Micro-fiber towels. They have the ability to out perform just about any towel on the market. They can go further without loading up and need less cleaner to do the job. Be sure and pick one that will withstand repeated washings and does not fray at the edges. Remember to practice good washing habits with Micro-fiber towels and never use bleach or fabric softener. The bleach can break the fibers down and diminish the performance of the cloth and fabric softener is a chemical that is left in the towel to leave it softer and smell nice. However, this same chemical can react with the glass cleaner and leave streaks and smears behind.

Let's say you do everything possible to get clean windows and yet you still have the streaks and smears. Take a good look at your procedure. Do you spray tire dressings last after you have already cleaned the glass? Do you clean the glass first and hope nothing will smudge them during the detail process?



One overlooked cause of streaks is the result of cleaning glass with dirty hands. Imagine all of the various chemicals used during the detailing process you just performed. Unless you take the time to

**STOP** **Product Waste & Spillage!!!**

TIRED OF REPLACING LOW QUALITY SPRAYERS?  
Get Rid of Cheap Plastic Trigger & Pump Sprayers!

**The Answer is Stainless Steel Sprayers from PDS!**

Tire Dressing Made Easy! Control Costs, Reduce Waste, Improve Efficiency, No Splash, No Float, High Volume, Long Lasting!

Now Available From **KLEEN-RITE CORP.**  
YOUR RELIABLE SUPPLIER FOR THE CAR WASH INDUSTRY  
**800-233-3873**  
www.kleen-ritecorp.com

\*Not for high strength wheels.

wash your hands before you tackle the windows, you are now transferring some of those chemicals onto the glass. The next time you clean windows, try rinsing your hands off and see how slimy they may be. This same residue will come off your hands and onto the glass as soon as your hands come in contact with the towel and cleaner you use. This can be just enough to leave that smear and streak behind.

Another contributor to film on the glass can be caused by too much dressing applied to the interior vinyl. On a hot or even warm day the interior can reach very high temperatures causing any excess dressing to evaporate along with the chemicals used in the manufacturing of the foams and plastics of the interior components. All of this will build up on the glass and leave it hazy. To reduce this problem try wiping off any excess product.

As for the cleaner itself, most detailers I've spoken with prefer alcohol instead of ammonia due to the fact that ammonia is not recommended on aftermarket tinted glass. Concentrated alcohol based cleaners tend to be very cost effective and perform very well. Aerosols are good but most of the price is in the packaging. Remember you are the professional, so take pride in what you do and take the time to do it right!

Rod Kraft  
Area Sales Manager  
Meguiar's Inc.



*Scent*  
**STONE**  
*Air Fresheners*



- ◆ 12 Per Box
- ◆ 14 Great Scents
- ◆ 6 Unique Shapes



# Bill Breaker

Bill Breakers are a must have for self serve carwash bays with bill acceptors. The new bill-to-bill and bill-to-bill and coin changers provide the perfect solution by replacing heavy, bulky coins with bills.

- Increase profits by putting bills in customers hands
- Increase control of currency and coin
- Decrease labor costs as a secure 24/7 attendant

Reliability is what counts. Rowe. World Leaders in Changers.

AVAILABLE FROM  
**KLEEN-RITE CORP.**  
 YOUR RELIABLE SUPPLIER FOR THE CAR WASH INDUSTRY



# RainWipes®

AVAILABLE FROM  
**KLEEN-RITE CORP.**  
 YOUR RELIABLE SUPPLIER FOR THE CAR WASH INDUSTRY

1-800-233-3873 [www.kleen-ritecorp.com](http://www.kleen-ritecorp.com)

## LEATHER CHAMOIS SPONGE



144 per case

*Foam sponge encased in Leather Chamois*

- Great for application and removal of waxes!
- Great for touch ups and drying!
- Does window interiors well!

RWSPONGE

## MICROFIBER VENDING TOWEL

16" X 12"



100 per case

RWMF1612

- Non-abrasive and lint-free!
- Dry an entire car with one towel!
- Eliminate swirls and scratches!

## MIX & MATCH SUMMER SPECIAL

Buy 3 cases of any Rainwipes product and get 1 case FREE! (offer good through 8/31)

Scent **Sational**

# Air Fresheners

*Desert Bloom*

8 colors to choose from!

- Available in:
- Pouch Paks**  
(72 pieces)
  - Teaser Cards**  
(48 pieces)
  - Quick Strips**  
(24 pieces)



**Pin-Ups**

4 girls to choose from!

**Vender Deal**

**Buy 1 Get 1 FREE!**

Buy one 72 pak get one FREE with purchase of ANY vending machine!

## Parker Engineering "Slugbuster" Products

# Our Promise:

*\*Quality Service*

*Quality Products*

*\*Quality Value*

*\*Quality Built  
Coin Acceptors*



**We've built our business on it!**

Several models available in both long and short drop.  
Call 1-800-233-3873 for details or to place an order.



# MOSMATIC

High Pressure Cleaning Technology

AVAILABLE FROM  
**KLEEN-RITE CORP.**  
YOUR RELIABLE SUPPLIER FOR THE CAR WASH INDUSTRY

## convert your swivels application



- ✓ Less down time
- ✓ Maintenance free
- ✓ Longevity
- ✓ performance you can count on!

All automatics,  
All applications.

### Upgrade your Automatic!

Don't just service your automatic, fix it!

Just give us the size, brand an application and we will get the right swivel for the job!



TYW - self rotating unit

MOSMATIC Corporation  
[www.mosmatic.com](http://www.mosmatic.com)

# DOG WASH

# Dog Wash Chemicals



KLEEN-RITE  
Supports Your  
Pet Wash With New  
**KLEEN-PET™**  
5 Gallon Quality Pet Care Products



Product	Part #	Size
<b>Concentrated Tearless Shampoo</b>	PTW200	5 Gallon
<b>Creme Conditioner</b>	PTW202	5 Gallon
<b>Flea &amp; Tick</b>	PTW231	5 Gallon
<b>Disinfectant</b>	PTW230	5 Gallon
<b>Oatmeal Treatment</b>	PTW201	5 Gallon
<b>De-Skunk</b>	PTW232	5 Gallon

# Vending



12 per box

PTW166



45 per case

PTW167



10 Count

PTW252



3 Count

PTW250



10 Count

PTW251



10 Count

PTW253

All wipes -  
48 per case

FREE  
Vender Decal  
Available



Make plans now to attend the 3rd Annual  
**KLEEN-RITE EXPO**  
**Wednesday Nov. 15th 2006**  
Located in Columbia, Pennsylvania





## The Pros and Cons of

# Bill Acceptors In Your Bays

by Harold Sommer, GinSan Industries

Jane, on her way to a PTA meeting, has discovered she has just enough time to hose down the car and give it a quick bath before the meeting. “Tonight is going to be busy, and I won’t be able to get it done until next week if I don’t do it now,” she thinks to herself. She drives into your wash and pulls into one of the bays. It has just what she is looking for. “Don’t have any coins on me.” So in goes a \$5 to start the process. She finishes a short time later and pulls back out—on her way once again. “That was a good one. I’ll have to keep it in mind—it’s quick and on the way. They have vacuums too. Good. I’ll be back.”

What you just witnessed was a satisfied customer and a typical American. Someone with very little time, and little planning ahead, doing errands while they are already on the road. But let us look at the flip side of the coin at the next scenario:

Jane pulls in the drive to your wash. She gets out and has to fiddle with getting change for a few moments after finding the change machine. She washes her car as quickly as possible. “Starting to fall behind.” Finally, she’s on her way and glances at the clock. “Joe’s down the road takes bills I think. I’ll try them next time.”

It is not a huge difference—at a glance. In fact, the customer didn’t even appear to be angry. A small thought in their head though indicated that she needed another option. She didn’t happen to carry coins, as many people don’t, especially beyond \$1 worth.



**“Investing in bill acceptors is one way to build both profits and satisfy your customers.”**

As an owner/operator of a car wash, your concerns are numerous—mainly to operate a good business for a profit with satisfied customers. There are many ways to contribute to improving all of the areas mentioned. One is to provide your customers with several payment methods. Investing in bill acceptors is one way to build both profits and satisfy your customers. But, before you jump into making that kind of commitment, it is better if you weigh the pro’s and con’s to see if it is right for your wash.

One of the significant concerns of many operators has to do with security. There has always been risk associated with self serve vending, and with a bill acceptor the thought is that it doubles the risk. Another concern is the possibility of lowering vending machine revenue. And one other concern which most operators would agree is a risk, is that by adding another function to their meterboxes, it could lead to higher costs because it’s one more thing to go wrong.

*Continued on next page..*



# Wipes

6 per case



AR10865

AR10881

AR10831

AR10863

AR10861

AR10945

# Protectant



4 oz. bottle  
24 per case

AR13040

10 oz. bottle  
12 per case

AR11010

20 Gallon  
Drum

AR10820

55 Gallon  
Drum

AR10855

# Tire Foam



4 oz. can  
12 per case

AR40040

18 oz. can  
6 per case

AR14900

15 oz. can  
6 per case

AR77958

# Gels



18 oz. bottle  
6 per case

AR77960

18 oz. bottle  
6 per case

AR10961

20 oz. bottle  
6 per case

AR10960

# Sponge Packs

100 per case



Protectant  
VS10800

Cleaner  
AR30800

# KLEEN-RITE DELUXE COINBOXES

## PUSH BUTTON COIN/METER BOX

- Fully Assembled
- Pre-wired
- S/S Piezo Switch Button Selection
- 9 or 12 Button
- Digital Display Timer
- Dual Medeco Cam Locks
- Lexan Overlay
- Available in Vault Ready or Coin Box Style



## COMPLETE ROTARY STYLE READOUT

- Fully Assembled
- Pre-wired
- 8 or 10 Rotary Positions Available
- Digital Readout
- Choose your own Timer
- 2000 American Lock
- Available in Vault Ready or Money Box Style



## DELUXE COINBOX WITH BILL ACCEPTOR

- Fully Assembled
- Bill Acceptor
- Digital Readout
- Medico Cam Locks
- 2000 American Lock
- Available in Vault Ready or Money Box Style



While there are no hard numbers to prove one way or another that it is indeed a good investment, there have been reports from owners with varying results. The good news is that there are quite a few more pros to bill acceptance in the bay than cons.

“When it was first suggested that we start offering a bill acceptor in the meterbox, I was concerned about an increase in vandalism, theft, and lack of durability,” says Dan Kamsickas of GinSan’s Technical Support department. “Several years later, I have been proven wrong. In fact, the vast majority of people I have spoken with are very happy with their decision to add bill acceptors to their meterboxes.”



**“She didn’t happen to carry coins, as many people don’t, especially beyond \$1 worth.”**

Various sources indicate that the increase in revenue is a wide range, anywhere from 5-11%, and some reports say even higher, up to a 15% increase. This may be due in part to customers being more likely to use the service if one step is skipped in the process. How convenient for a customer to be able to pay right in the bay without having to make change. Another reason for the increase may be due to the difference in how the customer is buying time increments—in dollars rather than quarters. Additional revenue is generated, for example, your wash is \$1.75 to start, and a customer may use the bill acceptor to put in two dollar bills instead of \$1.75 in quarters. Some owner/operators with bill acceptors have noticed that they are taking in a lot of \$5.00 bills!

Providing an additional payment method and gaining customer satisfaction is important, and seems to well outweigh the cons of having a bill acceptor. If you are still leery about installing bill acceptors in your bays, try one in a single bay. Keep track of this bay and it’s revenue. See if adding bill acceptors are right for your customers, and your business.

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- High Capacity Filter System
- Large Bore Hose with Anti-clog Inlet Design
- Superior Quality Timers
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- Individual Keys and Coin Baffle
- Eye Catching Graphics

LOAD UP with abundant options available:

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- GS-400 Display Timer
- Factory ExpressKEY®
- Graphics, Colored Dome Options
- Third Motor
- Mirror Finish
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- SERVICE SELECTION BUTTONS



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Combo



Carpet Wizard  
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Mega Vac



Fresh'N Up  
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Vacuums Available*

*For more information about  
the Combo Vacs, see pages  
174-176 of the 2006  
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# Festive Fragrances

*Air Freshener Centers by Car Freshner*



**8 Hook  
Half  
Power Panel**

## Fragrance Package #1

*Ice Blue, Peppermint, Royal Pine, Spice, Spiced Pumpkin and Vanillaroma*

### 12-Hook Power Panel Floor Display

1 paks - 288 units

3 paks - 96 units

### 6-Hook Half Power Panel

1 paks - 144 units

3 paks - 48 units

### Klip-Strips

3 paks - 12 units

## Fragrance Package #2

*Cinna-Berry, Cinnamon Apple, Ice Blue, Peppermint, Royal Pine, Spice, Spiced Pumpkin and Vanillaroma*

### 16-Hook Power Panel Floor Display

1 paks - 384 units

3 paks - 128 units

### 8-Hook Half Power Panel

1 paks - 192 units

3 paks - 64 units



**16 Hook  
Power Panel  
Floor Display**

## Fragrance Package #3

*Ice Blue, Peppermint, Royal Pine and Vanillaroma*

### Klip-Strips

3 paks - 12 units

## Fragrance Package #4

*Black Ice, Coconut, Jasmin, New Car Scent, Royal Pine and Vanillaroma*

### "Little Tree in a Can" Counter Display

2.5 oz aerosol - 12 units



**12 Hook  
Power Panel  
Floor Display**



**6 Hook  
Half  
Power Panel**



**12 unit  
Klip-Strip**



**"Little Tree in a Can"  
Counter  
Display**

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by **HYDRO-SPRAY**

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- Main Pump Stand
- Chemical Tank Stand
- Carriage assembly & Hardware
- Lighted In-Bay Direction Sign
- Stop & Go Light
- Installation Hose Kit
- Tri-Foam Applicator System
- Remote Computerized Control System
- Sign Package: Clearance & Direction Sign
- Treadle Mat & Auto Alert Switch
- 2 Step Pre-Soak



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*\*Installation will be provided by Hydro-Spray Factory Trained Technicians or the Local Hydro-Spray Distributor.*

### Available Options:

- Various Free Standing Dryers
- Spot free Systems
- Automated Cashier

### BAY REQUIREMENTS:

Supply	SINGLE AUTOMATIC	DOUBLE AUTOMATIC			
Power Requirements	208,230 vac 3ph./125 amps	208,230 vac 3ph./125 amps			
Minimum Water Line Size	1.5"	2"			
Water Supply	43 gpm to unit @40psi	43 gpm to unit @40psi			
Air Supply	10 cfm @ 100psi	20 cfm @ 100psi			
INSIDE BAY DIMENSIONS					
RECOMMENDED			MINIMUM		
Length	Width	Height	Length	Width	Height
30'	15'	12'	30'	14'	10"

For more information or to order:  
**1-800-233-3873 | www.kleen-ritecorp.com**

# OPERATOR SPOTLIGHT



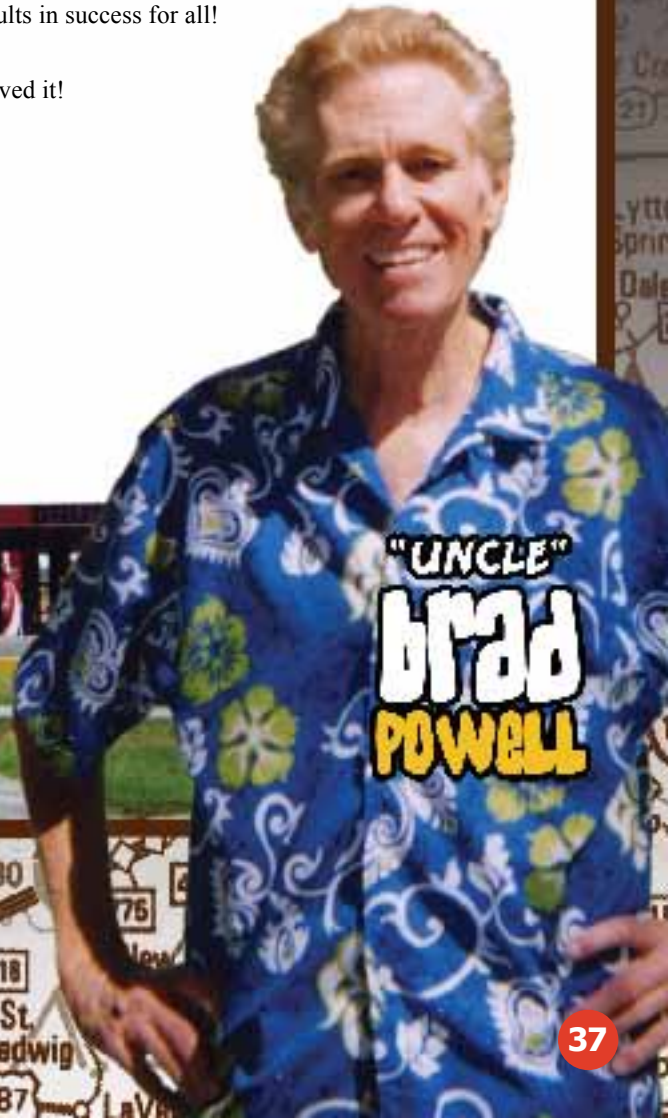
**ASHWA Enterprises** owns and operates nine car wash locations in the San Antonio, Texas area. ASHWA Enterprises was started in 1991 and has grown from one 7 bay self serve and one 4 bay self serve to seven self serve locations and two touchless automatic locations since its beginning. Brad and Barbara Powell started the business 15 years ago.

We have experienced many changes in the car wash industry over the years and with the great support, innovations and technical knowledge from the Kleen-Rite “family” we have been able to grow and expand the business over the years. We now operate and maintain 44 self serve bays, 4 touchless automatic bays, 57 vacuums and numerous vending machines.

We have the highest accolades for Mike McKonly and the superb customer service and support staff of Kleen-Rite Corp. for taking care of our business courteously, efficiently and on a very timely basis! We go to Kleen-Rite for all our car wash supplies, equipment and chemicals. We always use the best quality of parts in our car washes and Kleen-Rite maintains this level of integrity, which results in success for all!

The Kleen-Rite Expos are super! I attended the first two Expos and loved it!

Thank you Kleen-Rite!



**ASHWA Enterprises**  
**San Antonio, TX**

**“UNCLE”**  
**BRAD**  
**POWELL**

# #1 VENDING Program

## TIRE SHINE



SM200FLAT  
Tire Shine  
Flat Vending  
Bottle

SM200C  
Tire Shine  
Vending Decal

## MULTI-PURPOSE



SM500FLAT  
Multi-Purpose  
Flat Vending  
Bottle

SM500C  
Multi-Purpose  
Vending Decal

## WHEEL CLEANER



SM100FLAT  
Wheel Cleaner  
Flat Vending  
Bottle

SM100C  
Wheel Cleaner  
Vending Decal

## AUTO GLASS CLEANER



SM300FLAT  
Auto Glass  
Cleaner  
Flat Vending  
Bottle

SM300C  
Auto Glass  
Cleaner  
Vending Decal

## ONE STEP POLISH



SM600FLAT  
One-Step  
Polish  
Flat Vending  
Bottle

SM600C  
One-Step  
Polish  
Vending Decal

## PROTECTANT



SM400FLAT  
Protectant  
Flat Vending  
Bottle

SM400C  
Protectant  
Vending Decal

## CLEANING WIPES



SM825  
Cleaning  
Wipes

SM825C  
Cleaning Wipes  
Vending Decal

## GLASS WIPES



SM800  
Glass  
Wipes

SM800C  
Glass Wipes  
Vending Decal

## PROTECTANT WIPES



SM875  
Protectant  
Wipes

SM875C  
Protectant Wipes  
Vending Decal

## TRAVEL WIPES



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Travel  
Wipes

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Travel Wipes  
Vending Decal

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