SELF-SERVICE CAR WASH SYSTEMS
The Ginsan & IVS Story

GinSan Industries and Industrial Vacuum Systems were founded in 1976 to provide the self-service car wash industry with great products. We continue to have huge enthusiasm for the business and have demonstrated it through a combination of exceptional quality, the latest state-of-the-art products, strong partnerships and environmental stewardship.
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- **Detail Islands** - Modular Design, Lit Canopies, Dual or Single Sided
ULTRA & ULTIMATE COMPACT WASH SYSTEMS

Identified as a global “Legacy Product”, the Ultimate/Ultra Compact System is one of the most identifiable products in the self service car wash industry. This system encompasses over 40 years of proven technology and reliability, providing a new or seasoned investor with a sense of value and peace of mind in his investment.

“ULTIMATE” Compact System: Used in standard rotary switch and push button meter box assembly applications up to 11 usable functions.

“ULTRA” Compact System: Used in 12 function “ULTRA” meter box assembly applications. *The “ULTRA” Compact System utilizes binary coding communication between the meter box assembly and the pump stand.

Product Specifications
- Welded stainless steel tubular frame construction.
- Prewired, pre-plumbed and factory tested.
- Electrical isolation for maintenance.
- Configurable for 2-6 bays.
- CAT 5CP2120W single belt drive pump assemblies.
- 5 horsepower 60hz Leeson/Lincoln motor assemblies.
- Red/Green/Amber indicator lights.
- Pulsation dampener hoses for each high pressure pump assembly.
- Glycerin filled gages.
- Solution supply screen for pump protection.
- Cold or warm water rinse option.
- Fuse protection throughout system.
- Water temperature blending manifold.
- Color coded wiring to correspond with GinSan technical documentation.
- Thermostatically controlled weep system with manual override.

System Options and Accessories
- 50 hertz motor international applications.
- General, Arimitsu or Giant high pressure pump assemblies.
- 4th or 5th function low pressure option.
- Foam brush changeover system: Automatically switches from standard summer foam brush soap to a winter antifreeze solution minimizing expenses.

ULTRA VARIABLE FREQUENCY DRIVE SYSTEM

Product Specifications
- Welded stainless steel tubular frame construction.
- Prewired, pre-plumbed and factory tested.
- Mitsubishi VFD controllers.
- Electrical isolation for maintenance.
- All chemicals delivery through the high pressure pump. (Excluding foam brush).
- Configurable for 2-6 bays.
- Nine function immediate capability.
- Independent wall mount foam brush system.
- CAT 5CP2120W single belt drive pump assemblies.
- Adjustable delivery pressure. (100-1200 psi).
- Onboard spot free delivery system
- 5 horsepower 60hz Leeson/Lincoln motor assemblies.
- Red/Green/Amber indicator lights.
- Pulsation dampener hoses for each high pressure pump assembly.
- Glycerin filled gages.
- Solution supply screen for pump protection.
- Cold or warm water rinse option.
- Fuse protection throughout system.
- Water temperature blending manifold.
- Color coded wiring to correspond with GinSan technical documentation.
- High pressure soap, rinse and wax tank assemblies: Utilizes the industry standard Jobe Valve/ 506 Hydrominder for automatic mixing of cleaning agents/solutions and delivery to self service bays.
- Low pressure foam brush, tire cleaner and presoak tank assemblies: Utilize the industry standard 506 Hydrominders and Flo-Jet pumps for automatic mixing of cleaning agents/solutions and delivery to self service bays.
- Low water cut-off system protection.
- Thermostatically controlled weep system with manual override.
**DIRECT DRIVE - SES (SPACE EFFICIENT SYSTEM)**

**Product Specifications**
- Configurable for 1-6 bays.
- Vertically assembled. Consumes a 4’ x 4’ foot print.
- Prewired, pre-plumbed and factory tested.
- Pump directly connect to motors.
- Electrical isolation for maintenance.
- CAT 5CP2140 Direct Drive pump assemblies
- 3 horsepower 60hz Leeson assemblies.
- Red/Green/Amber indicator lights.
- Pulsation dampener hoses for each high pressure pump assembly.
- Glycerin filled gages.
- Solution supply screen for pump protection.
- Cold or warm water rinse option.
- Fuse protection throughout system.
- Color coded wiring to correspond with GinSan technical documentation.
- High pressure soap, rinse and wax tank assemblies: Utilizes the industry standard Jobe Valve/ 506 Hydrominder for automatic mixing of cleaning agents/solutions and delivery to self service bays.
- Low water cut-off system protection.
- Thermostatically controlled weep system with manual override.

**System Options and Accessories**
- 5 horsepower motors
- 3 or 5 horsepower, 50 hertz motor international applications.
- CAT, General, Arimitsu or Giant high pressure pump assemblies.

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**VERSATA STAINLESS WASH SYSTEM**

**Product Specifications**
- Configurable for 1-2 bays.
- Small 27” wide footprint. Designed to be added to existing or replacement.
- Prewired, Pre-plumbed and factory tested.
- Pump directly connect to motors.
- Electrical isolation for maintenance.
- CAT 5CP2140 Direct Drive pump assemblies
- 3 horsepower 60hz Leeson assemblies.
- Red/Green/Amber indicator lights.
- Pulsation dampener hoses for each high pressure pump assembly.
- Glycerin filled gages.
- Solution supply screen for pump protection.
- Cold or warm water rinse option.
- Fuse protection throughout system.
- Color coded wiring to correspond with GinSan technical documentation.
- High pressure soap, rinse and wax tank assemblies: Utilizes the industry standard Jobe Valve/ 506 Hydrominder for automatic mixing of cleaning agents/solutions and delivery to self service bays.
- Low water cut-off system protection.
- Thermostatically controlled weep system with manual override.

**System Options and Accessories**
- 5 horsepower motors
- 3 or 5 horsepower, 50 hertz motor international applications.
- CAT, General, Arimitsu or Giant high pressure pump assemblies.
GinSan has thrived in the self-service wash industry for more than thirty years... now we're offering all that expertise in a self-contained turnkey unit. The all “NEW” GinSan Industries Wash & Go provides a immediate revenue stream to a new or existing business. With curb appeal in mind, the sleek industrial design will draw the curiosity of new and existing customers while creating that “WOW” factor needed for immediate success. Regardless if it is an apartment complex, RV park, fleet facility, detail center or marina... just add water, electricity and simply Wash & Go.
Product Specifications
(Unit will accommodate up to two bays):

• 3 HP / 208/230vac/60 hz/ 3 phase motor assembly
• CAT 5CP2140 Direct Drive Pump assembly - Product delivery rated at 3.5 gpm @ 1250 psi
• Direct Injection to the pump for a maximum of three chemicals
• Foam brush system
• Cold/Hot water rinse tank with low water cut-off activation (Based on supply to system)
• Variable Frequency drive speed pump control
• Two cabinet points of access for equipment maintenance
• Complete foam brush wand / hose assembly (Does not include boom)
• Complete high pressure gun / hose assembly (Does not include boom)
• Large, illuminated white dome with GinSan logo
• Coin drawer with American lock for coin collection
• LED Blue back lighted Wash & Go logo

Standard Activation/Meterbox Features

• 12 gauge stainless steel door with high security Medeco locks
• 7 function + 1 stop rotary switch functionality
• GS-400 II Display timer with remote control
• Industry standard “Sensortron” coin acceptor (Single coin acceptance)

System Options and Accessories

• 3 / 5 hp motors accommodating 50 or 60 hertz frequency
• CAT 5CP6120 pumps - Product delivery rated @ 4.5 gpm @ 1250 psi
• Weep system
• Internal cabinet heater
• High and Low pressure boom assemblies
• Extended high and low pressure boom assemblies
  - Mounting mast extended 5 feet
  - High and low pressure boom assemblies extended 30 inches
  - High and low pressure hose assemblies are extended 16 inches

Activation/Meterbox Options

• “Multitron WE” multi-coin acceptor
• Mars $1, $5 or $1, $5, $10, $20 bill acceptance
• GinSan Liberator credit card system
• Push button to start activation for commercial or private use
**TRIPLE FOAM SYSTEM**

Increase the perceived value and profits at your wash with this low-pressure add-on. The GinSan Triple Foam System is self-contained and requires little space in your equipment room, yet will make a noticeable difference in your bays. Triple foam conditioner can be dispensed by foam brush or gun applicator. Colorful matching signs are also available to help the customer identify each function chosen.

- Adjustable GS-30 timer (1-31 seconds per color)
- Hydrominders for solution mixtures
- Liquid filled gages (0-100 psi)
- Stainless steel construction
- Drain plugs in each tank
- Pre-wired, pre-plumbed
- Flo-jet delivery pump

**System Options and Accessories**

- Stainless steel 360° dual boom & ceiling-mount spider assembly
- Stainless steel 180° wall-mount low pressure foam brush boom
- Colorful pictorial sign package
- Floor mount stand
- Water weep system
- GinSan foam brush applicator
- GinSan foam gun applicator
- GinSan high pressure wand

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**LOW PRESSURE SYSTEM**

- System designed to house up to four chemical functions and a Foam Brush Changeover System
- Simple system integration into existing equipment
- Configured to efficiently dispense chemicals for up to 8 self-service bays
- Tanks assembled with industry standard 506 hydrominder for automatic mixing of all cleaning agents and solutions
- Independent air and liquid solenoids for each color
- Complete bay equipment packages available
- Sleek, space efficient wall mount design

**System Options and Accessories**

- Thermostatically controlled foam brush changeover system
WATER TREATMENT

Designed to produce reverse osmosis water with greater efficiency at a reduced cost. This system is available in 600, 2200, 4400, 6600 and 8800 Gallon Per Day configurations. Larger unit capacities available upon request. Making sure customers receive a “Spot Free” vehicle is your top priority. Building a dependable, affordable system is ours.

- Automatic membrane flush after each production cycle with R.O. water
- Compact stainless steel construction factory tested, sanitized, pre-wired and pre-plumbed
- Instrument panel with flow meters, pressure gages, water quality indicator light and water test port
- Water Saver reduces water to drain, resulting in greater efficiency, lower operating costs and increased profits
- High performance thin film composite cold water membrane allows for full performance with cold water feed
- Electronic TDS pocket meter
- Colorful “Spot Free Rinse” pictorial bay sign
- Color coded hoses
- Storage tank

REVERSE OSMOSIS

Designed to utilize the latest components and advanced membrane technology, this system will ensure success and savings in all product applications.

- Membrane: 2.5 x 40/4 x 40 HF4 membrane elements. Advanced membrane technology focusing on high permeate flow / low energy.
- Pump and Motor: 1.5 or 2 HP Berkley centrifugal pump and motor. (Procon® on 600 & 1200 GPD models.) Units are configured for 208/230 VAC single phase.
- Sediment Filter: 20” 5 micron filter. Removes sediment prior to membrane entry.
- Pressure Gages: Shock and UV resistant liquid filled gages used for their superior quality, accuracy and durability.
- Low Pressure Switch: Standard on all systems to protect unit from loss of water pressure.
- Inlet Solenoid Value: Automatically shuts off water to system.
- TDS Meter: HM digital in-line dual TDS meter measures levels of both feed and product water. This is a very effective way to compare membrane performance and rejection rates.

ACCUMULATING TIMERS

GS-401
- Accumulating Timer - 24 Volt
- Input Power - 20-30 VAC
- Power Output - 24 VAC
- Time Per Coin - 1-511 seconds
- Coins To Start - 1-31
- Coin Accumulation - Up to 255 coin pulses
- Quick Restart Time - 1-60 seconds, field settable
- Low Time Alert - Adjustable 1-120 seconds
- AUX/Token Count - Resettable
- Overload Protection - Built in
- Display - Number of coins or tokens accepted
- Warranty - Two years
- Replaces - GS-255, GS-87/255, & GS-8 timers
- Sensortron™ and Multitron™ compatible

GS-402
- Accumulating Timer - 24 volt
- Time Per Coin - 1-511 seconds
- Coins To Start - 1-31
- Coin Pulses - Up to 255
- Overload Protection - Built in
- Warranty - 2 years
- Replaces - GS-7 timer

GS-403
- Accumulating Timer - 110 Volt
- Vacuum Motors Driven - Up to 3 motors
- Time Per Coin - 1-511 seconds
- Coins To Start - 1-31
- Coin Pulses - Up to 255
- Overload Protection - Built in
- Replaces - GS-9, GS-11 and GS-101 timers
- Sensortron™ and Multitron™ compatible

System Options and Accessories
- Water Saver: Additional valving allows system to recirculate reject water, thus saving on costly water discharge utilities.
- Manual Flush: Pre-plumbed controller allows equipment owner to rinse membranes with permeate (good water) at any time, thus removing contaminated water from the membranes.
- Auto-Flush: Pre-plumbed control automatically activates a permeate rinse throughout system after each production cycle removing contaminated water from the membranes.
METEROBOXES

LUMI SHIELD

Identified as the industry leader in self service car wash technologies for the past 41 years, GinSan understands what it takes to make your site unique, identifiable and most importantly profitable. The “OVERSIZED” Lumi-Shield door allows you to maximize functionality, security and payment methods giving you a clear advantage within your market place.

- Oversized 10 gauge stainless steel 15¼” x 25½” door
- Lumi-Touch lighted stainless steel push buttons with tactile response identifies which function is active
- Lighted scrolling circular or vertical button pattern creates immediate bay presence and curb appeal
- “Stop” plus 10 or 12 usable functions
- High Security Medeco plug lock
- Hinged door allows for convenience and simplified serviceability
- “NEW” GS-407 Display Timer... Large 1½” x 8¾” red dot matrix display allows for maximum visibility in the self service bay with versatility and features of the GS-400 display timer
- Striking graphics package simplifies the use and clearly identifies payment options and door functionality

ULTRA LUMI-TOUCH

Being good at many things can mean a fortune in today’s marketplace. Owning versatile equipment in the business of self serve car washes means a great return on your investment. The GinSan® Lumi-Touch™ series of meterboxes are the best all-around choice to suit your specific needs. We build in versatility, because we know what matters most in your business — Security, savings and performance.

- Unmistakable, positive button response
- L.E.Ds in buttons clearly identify which function is active
- Accepts credit cards, bills, up to four types of coins or tokens
- 12 different functions
- Themed overlay atmospheres allow you to personalize the look in your bays at no additional cost

ULTIMATE LUMI-TOUCH

The GinSan® Ultimate Lumi-Touch™ series of meterboxes are designed to provide versatility to suit your specific needs.

- Unmistakable, positive button response
- L.E.Ds in buttons clearly identify which function is active
- Accepts credit cards, bills, up to four types of coins or tokens
- Available in 8 or 10 button configurations
- Themed overlay atmospheres allow you to personalize the look in your bays at no additional cost
ULTRA TOUCHTRON

Loaded with 12 functions and incredible versatility, Ultra Touchtron Meterboxes are engineered with the latest technology, offering customers the ability to use coins, tokens, bills and credit cards. All GinSan meterboxes are constructed of stainless steel and are built to a standard of security proven in thousands of units. Our Touchtron II push button system is unique to the industry, providing convenient selection of functions. Ultra meterboxes feature the GS-400II feature-rich countdown display timer with our Sensortron coin acceptor.

ULTIMATE TOUCHTRON

Innovative and secure, Ultimate Touchtron Meterboxes are engineered with the latest technology, offering customers the ability to use coins, tokens, bills and credit cards. All GinSan meterboxes are constructed of stainless steel and are built to a standard of security proven in thousands of units. Our Touchtron II push button system is unique to the industry, providing convenient selection of functions. Ultimate meterboxes feature the GS-400II feature-rich countdown display timer with your choice of Sensortron or Multitron WE coin acceptors.

ULTIMATE ROTARY

Stainless steel ultimate rotary meterboxes are now available in either 7 or 9 function configurations with the GS-400II electronic display and your choice of either a Sensortron or Multitron WE coin acceptor. Other options include the Liberator credit card reader and bill acceptor.

WE OFFER CUSTOM GRAPHICS
SEE PAGE 9
CUSTOM METERBOXES
ENGINEERED FOR YOUR SPECIFIC SITUATION

GinSan leads the industry with custom meterbox configurations to fit our own coin boxes or competitive models with the latest in coin and bill acceptor technology plus credit and loyalty card acceptance. We also offer custom graphics including: Meter Door Decals, Function Tab Kits & Menu Strips.
CUSTOM & REPLACEMENT GRAPHICS

BAY SIGNAGE
FULL COLOR PICTORIAL SIGNS
• 16” x 23” 3mm white sintra with 5mil poly laminate
• Rounded pre-drilled corners
• Full color
• Color coded to coordinate with meterbox function decals
• Customization available

INSTRUCTIONAL SIGNS
• 12” x 12” 3mm white sintra with 5 mil poly laminate
• Rounded pre-drilled corners
• Scratch resistant
• Many standard configurations available
• Customization available

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COUNTDOWN DISPLAY TIMER
THE ALL NEW GINSAN® GS-400II MESSAGE CENTER

Customer satisfaction and profitability come together through the latest technology in the GinSan® GS-400II Message Center. Communicate with your customer through a variety of custom programmable messages. When it comes to getting your money’s worth, you want to know your investment will hold firmly — quality engineered and built to last. What naturally comes after this? Profitability.

Product Specifications
- 4 Volt System
- Timer Activation Values: .01 - $99.00
- Timer Cycle: 0-99 minutes
- Pulse Accumulation Maximum: 255
- Low Time Alert: 1-60 seconds (Adjustable)
- Quick Restart Time: 1-60 seconds (Adjustable)
- Start Up Delay: 1-30 seconds (Adjustable)
- Beeper Volume (Adjustable)
- Bonus (Time) Levels: Two field adjustable levels.
- Event Cycles: Two field adjustable levels.
  (Start Up Value and Time can be adjusted)
- Programmable Wash Greeting: 32 character maximum. (Message will scroll depending on length)
- Language Options: English, Spanish, German, and French
- Currency Options: Dollars, Tokens, Euros, and Pesos
- Four Moneterial Inputs
- Six Adjustable Premium Inputs
* Time adjusts Based on Premium Input Selected.
- Remote Activated Coded Wash Down
- Free Wash Cycle: 0-200 cycles (Adjustable)
  When the chosen cycle is activated by the deposited coin, the consumer will receive a full wash cycle plus the coin deposited.
- ExpressKEY: Counts up when ExpressKEY is used. (Adjustable)
- Reports:
  - Four Moneterial Inputs
  - Total Revenue
  - Wash Cycles
  - Wash Time
  - Wash Down Time
  - ExpressKEY Cycles
  - ExpressKEY Time
- Available with GinSan Remote Control
- Two Year Warranty

IN-BAY PRODUCTS
SENSORTRON® COIN ACCEPTOR
THE INDUSTRY STANDARD

The Sensortron® Coin Acceptor by GinSan® is the “workhorse” of the self-serve car wash industry. With its unrivaled quality and reliability, it’s no mystery why we’ve sold nearly a quarter of a million units. Backed by a 2-year warranty and hassle-free service, the Sensortron® is a simple solution for your wash bays, vacuums and vendors.

The Sensortron® is designed and manufactured to provide years of worry-free service. This coin acceptor will compare coins or tokens to sample by size, weight and metallic content and selectivity is field adjustable. Best of all, the Sensortron® is manufactured by GinSan, the proven leader in car wash electronics.

Product Specifications
- Accepts Coins or Tokens per Samples
- Jam-Resistant Design
- No Add-On Power Adapter Boards
- Water Resistant
- No Moving Parts
- 2” or 3” Mounting Footprint
- 2 Year Warranty

Any GinSan 24V Timer

![Diagram of Sensortron and 24V Timer Connections]
Maximize Your Space
GinSan understands that diversifying product services can immediately and positively effect profitability and market share. Adding a Pet Spa provides a niche product with additional curb appeal that encourages growth and attracts a whole new customer base. With multiple product configurations and graphic schemes available, the all inclusive GinSan Pet Spa will keep your customers and their pets begging for more.

Options
- **Coin Acceptor Options** — Sensortron™, Multitron™.
- **Bill Acceptor Option** — MARS bill acceptor.
- **Credit Card Acceptor**
- **ExpressKEY®** — Cashless System that uses keys which can be revalued.
- **Clean Pet Vac** — Water extractor with hose and nozzle tool.
- **Clean Pet Dryer** — Blow dryer with high and low settings with hose and nozzle tool.
- **J-Hook** — Keeps hoses organized and out of the way.
- **Signage** — Coordinates with meterbox overlay and graphics. Choose the Package: Clean Pet Dryer, and/or Clean Pet Vac.
- **Custom Pricing Signs** — Ask your representative about options.

Product Specifications
- **Stand and Dimensions** — 304/201 grade, 18 gauge stainless steel, waist high basin has easy access ramp, non-slip rubber mats on both basin and ramp, safety chain, flexible hose with control shower head.
  Unit: 41 in. (H) x 33½ in. (W) x 48 in. (D).
  Unit with ramp extended: 41 in. (H) x 33½ in. (W) x 86 in. (D).
- **Stand with Optional Cabinet Dimensions** — Unit: 52 in. (H) x 33½ in. (W) x 52 in. (D).
  Unit with ramp extended: 52 in. (H) x 33½ in. (W) x 92 in. (D).
- **Electrical** — 120 VAC, AMP load: 2, Phase: 1, Wiring: Standard plugged cord.
- **Plumbing** — Manifold Inlet: Plumbing size - ½ in., minimum PSI.
  Tub Drain: Plumbing size 1½ in., minimum PSI-not available

Optional Equipment
- **Clean Pet Vac Dimensions** — Vacuum: 26 in. (H) x 11 in. (Dia) plus 10 in. in front for hose.
  Separator Tank: 34 in. (H) x 16 in. (Dia) plus 10 in. on top for hose.
- **Clean Pet Vac Electrical** — 120 VAC, AMP load: 8, phase: 1, standard plugged cord.
- **Clean Pet Dryer Dimensions** — 14 in. (H) x 14 in. (W) x 9 in. (D) plus 10 in. on bottom for hose.
- **Clean Pet Dryer Electrical** — 120 VAC, AMP load: 14, phase: 1, standard plugged cord.
- **Meterbox** — 304 grade, 11 gauge stainless steel construction, 10 position rotary or 8 position touchtron II, with GinSan-400 message center, low time alert, stainless steel Piezo switch button selection system, heater with thermostat, and two cam locks.
Available
The Clean Pet Vac gently grooms your pet by removing excess hair and water. Easy to install and maintain (Patent Pending)

Standard
Flexible hose with rubber end shower head makes pet washing pleasant and easy

Standard
Waist high, stainless steel basin

Optional
- Multitron™ coin acceptor
- Sensortron™ coin acceptor
- Mars bill acceptor
- Liberator™ credit card system
- ExpressKEY® cashless system

Available
Clean Pet Dryer has high and low settings

Available
Pet wash signs have eye-catching and easy to understand instructional graphics

Available
Lumi-Touch, Touchtron II or Rotary Meterbox with GS-400 Message Center

Standard
Easy access ramp and non-slip rubber mats ensure your pet getting into the basin safely
POWERFUL VACUUM SYSTEMS

INCREDIibly powerful
INDUSTRIAL VACUUM SYSTEMS
SINGLE OR DUAL ARM
Order with One or Two Vacuum Arms

FLEXIBILITY
Connects to any IVS Vacuum or Central Vac System

DURABLE
Constructed of Stainless Steel for Long Lasting Durability

ADJUSTABLE
Boom(s) can Swivel 180° or can be Fixed Stationary

CUSTOMIZABLE
LED Lighting, Coin Box or Free Vac timer Options

BRANDED
Signage on Arch can be Custom Printed/Branded

Attract customers with this popular and custom look at your car wash. Our Swivel or fixed boom design keeps your hoses off the ground, clean, and are easy for your customers to use, the system can be ordered in a dual or single boom configuration. IVS engineered our ARCH BAY VACUUM SYSTEMS out of Stainless Steel to last with time, be weatherproof and incredibly durable. The boom arm can swivel 180°, or it can be locked into a fixed position. Comes with LED lighting. Signage can be customized for your car washes branding. Vacuum can be controlled by a free vac push-button or a coin box.
VEND-IT 2000

Durable, secure, and easy to install... The Vend-It™ is a painless and profitable service addition to a variety of business models
- Uses standard coin-pulse coin acceptor and bill acceptor (Sensortron™ and Mars AE2412 are standard)
- Not a modified snack vendor

Customer Friendly
- Makes change
- Motor fault prompts customer to make a different selection

Easy to Set up and Flexible
- Fully and truly rear serviceable (Patent No. 6,994,230)
- Per item pricing
- Completely operator configurable – no tools required
  - Vend up to 32 items from 4 shelves
  - Mix and match motor position and/or type (single or dual drive) in any configuration you desire
  - Machine controller automatically senses the location of each motor and reconfigures itself

Easy to Maintain
- Walk-by fault indicator
  - Low coin level in hopper
  - Bill validator out of service
  - Motor fault
- Provides individual testing of the coin mechanism, coin hopper and each motor (individually, by row, all)

Designed to Maximize and Safeguard Profits
- Full data logging gives accountability:
  - Total deposited, bills deposited by denomination, coins deposited, and quantity of items vended

Built to Last
- NEMA-4 waterproof enclosure for the display & input keypad
- Remotely mounted machine controller

Best Security
- Enhanced Security
  - Door constructed of 12-gauge stainless steel
  - 1/2" thick Lexan layer with 1/4" thick Lexan layer in front to allow inexpensive scratch replacement

Designed to Minimize Installation Costs
- Rear door is easily reversible (like a refrigerator door)
- Designed to be installed by two people without heavy equipment

*Rough Wall Opening Dimensions: 32"W x 48"H

VR2000
VEND-IT 3000

New 3-Shelf Model. All the Quality... With a Smaller Footprint and Price!

Durable, secure, and easy to install... The Vend-It™ is a painless and profitable service addition to a variety of business models
- Uses standard coin-pulse coin acceptor and bill acceptor (Sensortron™ and Mars AE2412 are standard)
- Not a modified snack vendor

Customer Friendly
- Makes change
- Motor fault prompts customer to make a different selection

Easy to Set Up and Flexible
- Fully and truly rear serviceable (Patent No. 6,994,230)
- Per item pricing
- Completely operator configurable – no tools required
  - Vend up to 24 items from the 3 shelves
  - Mix and match motor position and/or type (single or dual drive) in any configuration you desire
  - Machine controller automatically senses the location of each motor and reconfigures itself

Easy to Maintain
- Walk-by fault indicator
  - Low coin level in hopper, bill validator out of service, motor fault
- Provides individual testing of the coin mechanism, coin hopper and each motor (individually, by row, all)

Designed to Maximize and Safeguard Profits
- Full data logging gives accountability
  - Total deposited, bills deposited by denomination, coins deposited, quantity of items vended

Built to Last
- NEMA-4 waterproof enclosure for the display and input keypad
- Remotely mounted machine controller

Best Security
- Enhanced security
  - Door constructed of 12-gauge stainless steel
  - 1/2” thick Lexan layer with 1/4” thick Lexan layer in front to allow inexpensive scratch replacement

Easy to Retrofit
- Replace a Vend-Master® by simply removing one more course of block

Designed to minimize installation costs
- Rear door is easily reversible (like a refrigerator door)
- Designed to be installed by two people without heavy equipment

*Rough Wall Opening Dimensions: 32”W x 40”H
POWERVAC 140000

Drawer Style Coin Box
Two Heavy Duty Motors
Deliver maximum cleaning power and reliable performance
High Capacity Filter System
Reduces maintenance intervals, saves you money
Superior Quality Timers
Sure-start, accurate, fully adjustable to maximize your profits
High Security Coin Vault
Designed to protect your profits
Merchandising Power
Eye-catching graphics promote usage- Optional color coordinated domes and labels draw even more attention to your vacuum service

Available in:

POWERVAC 140001

Safe/Vault Drop Type “C”
Two Heavy Duty Motors
Deliver maximum cleaning power and reliable performance
High Capacity Filter System
Reduces maintenance intervals, saves you money
Large Bore Hose with Anti-Clog Inlet Design
Keeps your vacuums running profitably
Secure Coin Vault Connection
For use with “in-ground vaults” for maximum security
Merchandising Power
Eye-catching graphics promote usage- Optional color coordinated domes and labels draw even more attention to your vacuum service

Available in:

Two Powerful Business Builders Made to Go the Distance!

Acceptor Options:
- Multiple Coin/Token Acceptors
- Mars Bill Acceptor

System Options and Accessories
- Dome Options:
  Poly lighted colored domes
  Quiet kit
- Finish Options:
  Mirror finish
- Graphics Options:
  Optional colors for tank & dome
- Hose Options:
  Colored 1-½ in. diameter hose
  Colored tapered (2 to 1-½ in.) hose
- Clean-Out Door Options:
  “Latch-less” clean-out doors
  Latch security cover channel
- Lock Options:
  “American” brand lock upgrade
  Security bars
- Motor Options:
  Third motor upgrade
  Quiet motor(s) upgrade
  Special (export) voltage motors
- Timer Options:
  Alternate brand electronic timers
  Electronic timers with displays
  Isolation relay set-ups
- Accessories:
  Debris catchers

Production Specifications
- Airflow — 194 cfm, 87 in. suction lift (water)
- Motors — Two 900 Watt electric; 1 HP (max.) each, by-pass cooled, 7 amps each
- Filters — Four bag system uses high performance napped synthetic filtration material, 15 sq. ft. effective filtration area and easy filter access service door.
- Coin Mechanism — Mechanical type, accepts U.S. quarters.
- Electronic Timer — Direct, switch-type, high capacity output, accumulates 1 to 15 coins, controls cycle time from 2 seconds to 8.5 minutes per coin.
- Hose — 2 in. diameter x 15 ft. long, high flex crushable plastic, includes cuff and polyethylene hand tool.
- 304 Grade Stainless Steel Tank — 18 gauge, brushed finished, size: 42” (H) x 18.5” (D)
- Mounting — Three lugs for ½ in. bolts (concealed front bolt).
- Dimensions —
  (140000) Unit: 52 in. (H) x 20 in. (W) x 27 in. (D)
  With shipper: 56 in. (H) x 25 in. (W) x 29 in. (D)
  (140001) Unit: 52 in. (H) x 20 in. (W) x 27 in. (D)
  With shipper: 56 in. (H) x 25 in. (W) x 29 in. (D)
- Dome Dimensions —
  Stainless steel: 20 in. (OD) x 10.5 in. (H)
  Polyethylene: 21.5 in. (OD) x 12 in. (H)
- Unit Weight —
  (140000) Net 105 lbs.; with shipper 150 lbs.
  (140001) Net 105 lbs.; with shipper 150 lbs.
POWER AIRVAC 240000

Two Heavy Duty Motors — Deliver maximum cleaning power and reliable performance
High Capacity Filter System — Reduces maintenance intervals, saves you money
Perform Routine Filter Changes And Maintenance Quickly — Designed to protect your profits
Large Bore Hose with Anti-clog Inlet Design — Keeps your vacuum running profitably
Superior Quality Timers — Sure-start, accurate, fully adjustable to maximize your profits
High Flow Air Compressor — For quick service and happy customers
Steel-Braided Air Delivery Hose — With extra thick hose jacket to resist abrasion and stay flexible
Panel Mounted Switch — Allows user to select vac or air service and switch services during the vend cycle
Large Capacity Coin Vault — Secure construction is ideal for extended collection interval applications

Available in:

Add Air Service to Inflate Your Vac Profits!

System Options and Accessories
- **Coin and Token Acceptor Options:** The widest variety of mechanical and electronic coin and token acceptors (U.S. and foreign coins included). Dual units for coin and token operations.
- **Tire Inflator Service Available:** An optional compressor is available to meet any market demands.
- **Finish Options:** Maintenance-free, mirror finish
- **Hose Options:** Hose choices include 1.5” or 2” diameter. Available in any length up to fifty feet! Our exclusive tapered hose provides clog-free, high flow power.
- **Motor and Power Options:** Available for use with 120 VAC or 240 (50/60hz) VAC power.
- **Timer Options:** Unique dual timer provides control of vac and tire inflation service at different price and cycle times. Customers can switch between services during the same vend, dual timer adjusts the time remaining to preserve different vending values. Electronic timer options include units for operation with 240 VAC, 50 or 60hz power. Various timers offer “Last Coin Alert” signaling, “Extra-Time” service and “Count-Down” display of time remaining.

Product Specifications
- **Airflow** — 194 net cu. ft./min., 87 in. suction lift (water)
- **Motors** — Two 900 Watt electric; 1 HP (max.) each, by-pass cooled, 7 amps each
- **Filters** — Four bag system uses high performance napped synthetic filtration material, 15 sq. ft. effective filtration area and easy filter access service door
- **2” Diameter Vac Hose** — High flex plastic, crushable, 15’ long, includes cuff and polyethylene hand tool
- **Air Compressor** — Oil-less type, 3/4 HP, high output
- **Air Hose** — 1/4” I.D., steel-braided rubber, 25’ long
- **Tire Pressure Gauge** — 1 to 85psi, direct reading
- **Coin Mechanism** — Mechanical type, metal construction, accepts U.S. quarters
- **Variable Electronic Timer** — Direct, switch-type, high capacity output, accumulates 1 to 15 coins, controls cycle time from 2 seconds to 8.5 minutes per coin
- **304 Grade Stainless Steel Tank** — 18 gauge, brushed finished, size: 42” (H) x 18.5” (D)
- **Electrical:** 120 VAC, 20 AMP — Integral connection cover, removable for easy access and installation
- **Mounting** — Three mounting lugs for ½” bolts (concealed)
- **Dimensions** — Unit: 52” (H) x 20” (W) x 27” (D)
  With shipper: 56” (H) x 25” (W) x 29” (D)
- **Tank Dimensions** — 18.5” (O.D.) x 42” (H)
- **Stainless Steel Dome Dimensions** — 20” (O.D.) x 10.5” (H)
- **Unit Weight** — Net 138 LBS. | with shipper — 150 LBS.
COMMERCIAL VACUUMS

MODEL 100002 - FLOOR MOUNT

- Two Heavy Duty Motors – Deliver maximum cleaning power and reliable performance
- High Capacity Filter System – Reduces maintenance intervals, saves you money
- Perform Routine Filter Changes and Maintenance Quickly – Reduces operating costs and labor
- Large Bore Hose With Anti-Clog Inlet Design – Keeps your vacuums running profitably
- Stainless Steel Construction – Stands up to the toughest environments

System Options and Accessories
- Push Button Start Timer
- Third Motor

MODEL 100005 - POLE OR WALL MOUNTING

- Two Heavy Duty Motors – Provides greater customer satisfaction with maximum power
- High Capacity System – Ensures peak airflow and cuts costs and labor
- Perform Routine Filter Changes and Maintenance Quickly – Prolong the life of your investment with easy access
- Large Bore Hose With Anti-Clog Inlet Design – Less machine down time because of trapped debris
- Stainless Steel Construction – Sturdy design weathers the elements

System Options and Accessories
- Push Button Start Timer
- Third Motor

MODEL 100006
DUAL HOSE DESIGN | AUTO SHUT-OFF HANGERS

- Three Heavy Duty Motors – Deliver multi-user cleaning power and reliable performance
- High Capacity Filter System – Machine can run for longer periods, saves money
- Perform Routing Filter Changes and Maintenance Quickly – Less machine down time keeps profits flowing
- Stainless Steel Construction – Strong durability, easy maintenance
- On/Off Toggle Switch – Pre-wired for easy installation

System Options and Accessories
- Push Button Start Timer
The MPV showcases the power you expect from IVS...in a compact profile that is light enough to ship via UPS! Multiple mounting options are available for maximum flexibility.

Push-to-start or coin vault options are available depending upon your needs. Available in multiple canister options.

**Product Specifications**
- Compact size for installation versatility
- Mounting Options - Wall or a post
- Push-to-start and metered option available
- Simple maintenance
- Airflow - 90CFM, 84 in. suction lift (water)
- Motor - 900 Watt electric; by-pass, two stage, 7 amp
- Filter - Single bag system uses high performance napped synthetic filtration material
- Coin Mechanism - Direct, switch-type, high capacity output, accumulates 1 to 15 coins, controls cycle time from 2 seconds to 8.5 minutes per coin or on/off toggle switch
- Hose - 1 1/2" x 15’ long, high flex crushable plastic, includes cuff and polyethylene hand tool plus crevice tool
- Tank - 18 gauge powder coated steel
- Mounting - Wall or post
- Unit Weight - 50lbs.
- Lightweight and Compact - Can be shipped via UPS

**Available in:**
- Blue
- Red
- Green
- Black

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**MPV Power Vac**

**Powerful Space Savings**
POWER VAC X3

Two Powerful Vac Service Selections – POWER VAC & TURBO VAC
Available at any time during the vend cycle. Your customers will appreciate having the choice... Your business will benefit from the added profit potential.

**Mars Bill Validator** - provides the convenience of using bills in the machine. Significantly increases your revenues.

**Intelligent Dual Price Timer** - Timer displays elapsed time and tracks time remaining in the cycle. Provides yet another opportunity to create more profits.

**Illuminated Dome and Vivid** - Eye-catching graphics grab the customers’ attention day or night. The more visible your vac, the more revenues you generate.

System Features
- Built-in Mars bill validator accepts $1 & $5 bills. Convenience for your customers... profitable for you!
- Switchable from 2 to 3 motors to deliver maximum cleaning power and greater customer satisfaction. We know how to provide opportunity for more repeat business.
- Four filter bag - high capacity vac filtration system ensures peak airflow. Cuts maintenance costs.
- Dual service clean-out access doors. Save time and lower your maintenance costs.

System Options and Accessories
- **CryptoPay Credit Card System**
- **In-Ground Vaults**
- **Vac-It-Up® System**
- **High Polished Mirror Finish**

Production Specifications
- **Motors** – 3 two stage, 7.8 Amp, 1.2 HP each, bypass cooled.
- **Filters** – 4 filter bag system, 15 sq. ft. filtration area.
- **Airflow Power Vac Mode** – 194 cfm, 87˝ suction (water lift).
- **Airflow Turbo Vac Mode** – 290 cfm, 87˝ suction (water lift).
- **Mars Bill Validator** – (200 std. bill stacker capacity).
- **2˝ Coin Mechanism** – Programmable electronic accepts different coins or tokens.
- **Dual Price Display Timer** – Solid state, high capacity controller individually times each service (2 sec. to 8.5 minutes and vend price - 1 to 5 coins).
- **Tank and Cabinet** – 18 gauge stainless steel with brushed finish.
- **2˝ Diameter Hose** – High flex vinyl, crushable in standard 15´ length, includes cuff and polyethylene hand tool.
- **Electrical** – 120 VAC, 24 Amp.
- **Mounting** – 3 mounted lugs for ½˝ bolts.
- **Unit Dimensions** – 52˝ H x 20˝ W x 27˝ D.
- **Tank Dimensions** – 18.5˝ D x 42˝ H.
- **Unit Weight** – Net 105 lbs., with shipper 160 lbs.
- **Shipping Carton/Pallet Dimensions** – 58˝ H x 25˝ W x 29˝ D.
AIR MACHINES

As a business owner you want to ensure that all available profit centers on your property convey a clear concise message in regard to your product offerings. The all “NEW” Air Machine designed by Industrial Vacuum systems is that product. With a streamlined, sleek design, curb appeal and the IVS name stamped on the front, you know you have made the next profitable choice for your business or car wash site.

- Proprietary air compressor
- 1-85 psi tire inflation
- ¼” steel braided rubber 25’ air hose assembly
- 14 gauge stainless steel construction
- Air inflation gauge
- Concealed pin lock locking mechanism
- Optional hose hanger mounting
- Internal coin drawer with lock mounting
- 110v accumulating timer assembly
- Can be shipped via UPS

System Options and Accessories
- Imonex mechanical coin acceptor (standard)
- Sensortron single coin electronic coin acceptor (optional)
- Multitron World Edition electronic coin acceptor (optional)
- IDX MA-850 coin acceptor (optional)
- Mars MEI 1,5 bill acceptor assembly (optional)

POWER REQUIREMENTS:
- 120 vac single phase 15 amp dedicated power feed circuit
VACUUM & VENDING

Fragrance delivery system ensures clog-free vends. Decreases your downtime.

Service selection buttons let customers easily switch between vacuum and fragrance modes. Reduces customer confusion and offers greater value.

Dome available in:

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Two Popular Services... Doubling Your Profit Potential!

- Built-in Mars bill validator accepts $1 & $5 bills. Your customers will love the convenience. You'll love the added profits!
- High-tech modular control panel and multiple circuit status indicator lights make field service fast and easy.
- Ultra-dependable which helps reduce your operating costs.
- Three-door design segregates service areas from the money vault. Interior vault panels are keyed separately with Medeco® screw locks.
- Our high strength service door locks, tightly fitting door panels, and reinforced side rails discourage vandalism and robbery.
- Keeping your profits secure is one of our top priorities.
- Money vault features our layered two-door security. This vault access design offers you even greater protection.
- High capacity vac filtration system for maximum air flow. Cuts your maintenance costs.

System Options and Accessories

- Turbo Service (3rd Motor Option)
- CryptoPay Credit Card System

Product Specifications

- Motors – two stage, 900w electric, by-pass. Filters – 4 filter bag system, 15 sq. ft. filtration area, synthetic media.
- Airflow – 194 cfm, 87” suction (water lift).
- 2” 15’ Diameter Hose – high flex vinyl, crushable, includes cuff and polyethylene hand tool.
- Air Compressor – Heavy duty maintenance-free.
- 15 ft. Shampoo Delivery Hose – Cut-resistant internal steel braided delivery hose with switch-controlled delivery at application brush.

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VACUUM & VENDING

FRESH N’ UP

VACUUM WITH FRAGRANCE

Dome available in:

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System Options and Accessories

- Vac-It-Up® System
- High Polished Mirror Finish
- In-Ground vaults
- Multi-Coin Acceptor

Product Specifications

- Bill Validator – Mars bill validator, 200 bill stacker cartridge (field-programmable for $1 and $5 U.S. currency only).
- Coin Mechanism – Electronic type, field-programmable (accepts up to 1 inch diameter coins/tokens).
- Dual Display Timer – Solid-state, high capacity controller individually times each service (2 sec. to 8.5 minutes per coin and up to 15 coins to start).
- Tank and Cabinet – 18 gauge stainless steel with brushed finish.
- Service Doors (3) – 12 gauge stainless steel. Medeco interlacing cam locks; dual thickness on vault door.
- Interior Vault Panels (2) – 12 gauge stainless steel, Medeco screw locks.
- Electrical – 120 VAC, 20 Amp. Easy service access.
- Mounting – Two external mounted collars and two internal mounting lugs, securable with 3/8" bolts.
- Unit Dimensions – 61”H x 22”W x 27”D.
- Tank Dimensions – 18.5” D x 48”H.
- Unit Weight – Net 270 lbs, with shipper 316 lbs. (add 36 lbs. to shipping weight when 4-pack of chemicals is included).
- Shipping Carton/Pallet Dimensions – 79”H x 32”W x 31”D.
POWER MAX 3

System Features

Two Powerful Vac Service Selections – POWER VAC and TURBO VAC available at any time during the vend cycle. Your customers will appreciate having the choice... Your business will benefit from the added profit potential.

Mars Bill Validator provides the convenience of using bills in the machine. Significantly increases your revenues.

Intelligent Dual Display Timer allows customers to use both services during the same vending cycle.

Timer Displays elapsed time and tracks time remaining in the cycle. Provides yet another opportunity to create more profits.

Programmable Animated Message LED Display offers a variety of merchandising options. A great advertising billboard to create more impulse sales.

Illuminated Dome and Eye-catching Graphics grab the customers' attention day or night. The more visible your vac, the more revenues you generate.

Greater Security – The three-door design segregates service areas from the money vault. You'll have more peace of mind.

Money Vault features our layered two-door security with separate key codes. This vault access design offers you even greater protection.

Our High Strength Service Door Locks are designed to foil prying and punching attempts. Keeping your profits secure is one of our top priorities.

Modular Control Panel and Multiple Circuit Status Indicator Lights make field service fast and easy. PowerMax 3 helps reduce service and maintenance costs.

Switchable From 2 to 3 Motors to deliver maximum cleaning power and greater customer satisfaction. We know how to provide opportunity for more repeat business.

Four Filter Bag - high capacity vac filtration system ensures peak airflow. Cuts maintenance costs.

Dual Service Clean-out Access Doors. Save time and lower your maintenance costs.

Product Specifications

- Motors – 3 two stage, 7.8 Amp, 1.2 HP each, bypass cooled.
- Filters – 4 filter bag system, 15 sq. ft. filtration area.
- Airflow Power Vac Mode – 194 cfm, 87” suction (water lift).
- Airflow Turbo Vac Mode – 290 cfm, 87” suction (water lift).
- 2” Diameter Hose – High flex vinyl, crushable in standard 15’ length, includes cuff and polyethylene hand tool.
- Mars Bill Validator – (200 std. bill stacker capacity).
- 2” Coin Mechanism – Programmable electronic accepts different coins or tokens.
- Dual Price Display Timer – Solid state, high capacity controller individually times each service (2 sec. to 8.5 minutes and vend price - 1 to 5 coins).
- Tank and Cabinet – 18 gauge stainless steel with brushed finish.
- Main Service Doors (3) – 10 gauge stainless steel with 4 high strength Medeco® security locks.
- Interior Vault Panels (2) – 12 gauge stainless steel with internal lock and double doors.
- Electrical – 120 VAC, 24 Amp.
- Mounting – 4 mounted lugs for 1/2” bolts (concealed front bolts).
- Unit Dimensions – 61” H x 22” W x 27” D.
- Tank Dimensions – 18.5” D x 48” H.
- Unit Weight – Net 235 lbs., with shipper 275 lbs.
- Shipping Carton/Pallet Dimensions – 79”H x 32”W x 31”D.

System Options and Accessories

- CryptoPay Credit Card System
- In-Ground vaults
- Vac-It-Up® System
- High Polished Mirror Finish
The modular design of Detail Express is easily configured to fit on your site and create a high-profit detailing business. These Detail Express and Vac Express Islands are “bolt-in-place” construction; no concrete fill required. That means lower assembly costs and higher profits for your business.

System Options and Accessories
- Hidden coin vault secured by 1/4" stainless steel door and Medeco® T-Handle locks.
- Molded poly trash bin cover features unique mat cleaning station. A great customer convenience and an excellent way to build customer loyalty.
- Vending and change awnings color-coordinated with your detail island color preference.

Canopy
- Weather resistant all aluminum wall and root construction.
- Powder coated finish for highest UV resistance and lowest maintenance.
- Illuminated “Detail Express” and “Vac Express” logos for high visibility.
- Low maintenance.
- Under canopy polycarbonate lens for area down lighting.
- Stainless steel posts are very durable and strong
- Four canopy color choices make it easy to select the best color for your site.

Base
- Complies with A.D.A. requirements for proper positioning of vacs for maximum merchandising effect.
- The Detail Express modular design has the site layout flexibility you want.
- No concrete fill required!
- Easy to install bolt-in place on your concrete slab with anchor bolts (not provided).
- Rugged stainless steel construction.
- Marine-grade weatherproof decking won’t rot, warp, or splinter.
- High stain and UV resistance.
- Hi-impact poly bumpers guard against car door damage from all sides.
- Bumpers available in colors to match canopy.

Trash Receptacle
- Easy side access locking trash door.
- Durable molded-poly trash bin with wheels.
- Molded poly trash cover ring.
- Trash cover ring available in red, blue, yellow and black.
Designed For Easy Installation

No Concrete Fill Required

Color-Coordinated Bumpers and Corners
Protect vehicles and island from damage.

Your Traffic Builder for Greater Profits
Put our Detail Express vac service on your site and improve curb appeal to attract more business.

Our Detail Express product line now offers you greater choices to meet your business needs and build customer loyalty.

BASES

DE3125 Stainless Steel Island Base
Vac/Pole/Trash/Pole/Vac - Base unit trash module includes molded-poly trash cover ring, side access door and wheeled cart for easy, no-lift cleaning. Overall Dimensions – 114” (L) x 38” (W) x 125” (H)

DE3129 Stainless Steel Island Base
Vac/Trash - Base unite trash module includes side access door and wheeled cart for easy, no-lift cleaning. Overall Dimensions – 66” (L) x 38” (W) x 53” (H)

DE3130 Stainless Steel Island Base
Module only
Overall Dimensions - 38” (L) x 38” (W) x 18” (H)

DE3131 Stainless Steel Island Base
Vac/Pole
Overall Dimensions – 48” (L) x 38” (W) x 120” (H)

DE3133 Stainless Steel Island Base
Vac/Pole/Trash - Base unit trash module includes side access door and wheeled cart for easy, no-lift cleaning. Overall Dimensions – 76” (L) x 38” (W) x 120” (H)

CANOPIES

DE5000 Illuminated Canopy – Detail Express
Backlit graphics attract customers to your extra services - day and night. Powder coated finish with eye-catching color choices. Low maintenance, sturdy aluminum and stainless construction cuts your maintenance costs. Overall Dimensions – 134” (L) x 38” (W) x 125” (H)

DE5011 Illuminated Canopy – Vac Express
Backlit graphics attract customers to your extra services - day and night. Powder coated finish with eye-catching color choices. Sturdy aluminum and stainless construction cuts your maintenance costs.
POWERFUL VACUUM SYSTEMS

INDUSTRIAL VACUUM SYSTEMS