

# EUROVAC



## HIGH PERFORMANCE CAR WASH CENTRAL VACUUM SYSTEMS



*EXPERIENCE THE ULTIMATE IN DUST CONTROL TECHNOLOGY*

- Eurovac's premium quality products are designed to withstand even the most rigorous vehicle interior vacuum operations, all while sporting a durable, attractive powder coat finish
- Superior filtration complete with built-in primary cyclonic separation
- Professionally engineered layouts
- Complete line of quality cleaning accessories
- Aesthetically-pleasing arches, canopies and stanchion set-ups that help increase customer traffic
- High efficiency industrial grade motors and superior filtration systems that help eliminate breakdowns while ensuring equipment is always up and running
- Unrivalled vacuum performance ensuring vehicles are cleaned faster and more thoroughly, improving overall customer experience

# EUROVAC III CENTRIFUGAL MULTI-STAGE PUMP SYSTEM



*Eurovac III System 10HP - 75HP Centrifugal Multi-Stage Pump and Bag Filter Separators*



*Eurovac III Double Pump System 10HP - 75HP (x 2) Centrifugal Multi-Stage Pumps and Bag Filter Separators*

- Systems can be setup for 40+ users vacuuming at the same time with longest runs of over 300ft
- The 10 to 150 HP centrifugal multi-stage pump can be set at various vacuum levels from 5" HG (68" water column) for relatively short pipe runs to 10" HG (135" water column) to offset friction losses on longer pipe runs
- Unique large aluminum impellers and custom fabricated housings result in a vacuum pump that is far more efficient than competitive products that tend to have smaller, steel impellers and sections held together with tie-rods
- Our industrial grade induction motors have a 20,000 hour rating
- The standard system is supplied with bag filters, built-in cyclonic pre-separation and a 30 or 55 gallon plastic tote collection canister

## Filtration Options:

- Manual Bag Shaker
- Magnehelic Gauge (to assist in monitoring filter life and needed maintenance)

## System Control Panel Options:

- On/Off Starters
- VFD's to speed up and slow down vacuum on demand
- Soft Starters to bring a blower up to full speed
- Lead/Lag Panels for multi-pump systems which allow one pump to start operation and the other to kick in when additional demand is required
- Underground Electrical Loop System which triggers the vacuum to start once the first car arrives and turns the vacuum off when the last customer leaves



## WET/DRY PRE-SEPARATORS

- Using an inline wet/dry pre-separator is a great way to increase performance in demanding applications, as up to 85% of debris gets removed prior to the main bag filter separator
- The pre-separator can collect and contain up to 30 gallons and comes complete with a tap for draining water
- An optional wire basket for collecting debris and a ball valve which shuts off the air flow when the separator is full are both available
- For larger central systems with high CFM's, a cyclonic in-line wet/dry pre-separator with 30 gallon stainless steel canister is used

# SOLUTIONS FOR EVERY NEED AND BUDGET



*Vacuum arches under canopy structure with LED lighting*



*9' vacuum arches with shade canopies*



*9' vacuum arches with in-ground PVC piping*



*Vacuum stanchions with in-ground piping system*



*Arches under canopy structure with aluminum tubing and compression couplings*



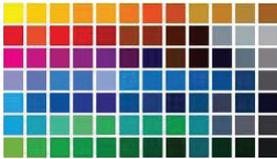
*14' palm/vacuum arch with shade canopies*

# DROPS AND PIPE FITTINGS

- Hoses and cleaning tools are designed for convenience, positioned on each side of vehicle doors
- Whether using duck foot cleaning tools, crevice tools or express claws, we have a vacuum-sealed shut off holster to suit that need
- High quality shut off holsters allow customers to enjoy high vacuum performance while maximizing the use of energy saving VFD's
- Designed to provide a constant air speed of 4,500 feet per minute through engineered layouts with pipe sizes ranging from 2.5" at the end of the run and graduating up to 12" at the pump (depending on the system size and the number of drops on the pipe run)
- Systems are supplied with all necessary pipes, bends, fittings and hardware along with an engineered layout to ensure a fast and efficient installation
- PVC, ABS, aluminum and stainless steel pipe, bends and fittings are available to suit all your system needs



## OPTIONS



Custom Equipment Colour



Post Mounted Garbage Cans



Post Mounted Mat Racks with Clips



Post Mounted Bottle Holder



Post Mounted Towel Shelves



Canopy/Arch LED Lighting



Complete Line of Cleaning Accessories



VFD Controls

***For every need and budget,  
trust the central vacuum specialists.***

***For more information, contact Eurovac:***

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