

# Powder Coating Vacuum Systems

## PCS Series

**REDUCE CHANGE-OVER TIMES,  
PREVENT CROSS-CONTAMINATION  
AND INCREASE PRODUCTIVITY**



Keeps filters cleaner than ever  
while preserving filter life

Supreme filtration keeps workers safe  
and help shops conform to  
regulations regarding cleanliness  
in powder coating shops.

With a variety of accessories and  
utility tools, Ruwac vacuums are ideal for  
ensuring a spotless spray booth.

Vacuums are fully portable for a variety  
of applications in different locations, including  
general shop maintenance.

MADE IN  
THE USA

FRV-100

FRV-110

PCS-200

PCS-220

INDUSTRIAL VACUUMS  
FOR POWDER COATING  
by RUWAC

The RuWac logo, featuring the letters "RuWac" in a stylized red font.

We vacuum everything.

[www.ruwac.com](http://www.ruwac.com)

Call: 413-532-4030

# Protect employee safety and product integrity with Ruwac vacuums

If you have ever sprayed powder paint, you would know how labor intensive it is to clean your powder booth with paint clinging to every nook and cranny. You probably also know how important it is to clean every square inch of the booth to prevent cross-contamination in color changes. Shop vacuums just don't cut it -- They simply stir up the paint and return it to the booth, creating more mess and lengthening clean-up times. Ruwac vacuums are designed to collect all the particles of paint off of every surface in your spray booth -- floors, walls, and ceilings alike. We'll even stop the paint from recontaminating the booth, saving time from re-cleaning for more spraying and more productivity.

What's more, the health of all employees will benefit from an excellent filtration system. Our MicroClean filters remove 99.9% of particles down to and including .5 micron in size, leaving your spray booth dustless and squeaky clean. By removing harmful or irritating paint particles from the air stream, employees are able to breathe easier and work in a safer environment. It's time to put those tired shop vacs to rest, and try a Ruwac for your mess!



## VACUUM SPECIFICATIONS

Explosion-Proof  
Vacuums



General Purpose  
Vacuums



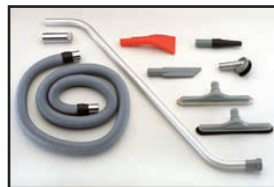
| Technical Data         | FRV-100                          | FRV-110                          | PCS-200                           | PCS-220                           |
|------------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|
| CFM                    | 150 CFM                          | 150 CFM                          | 200 CFM                           | 200 CFM                           |
| Voltage                | N/A                              | 110 V                            | 110 V                             | 110 V                             |
| Horsepower             | N/A                              | 1.5 Hp                           | 3.2 Hp                            | 3.2 Hp                            |
| Motor Type             | Single Stainless Venturi         | Single Phase                     | Single Phase                      | Single Phase                      |
| Vacuum Pressure        | 13 Hg"                           | 5 Hg"                            | 7.2 Hg"                           | 7.1 Hg"                           |
| Filter Area            | 13 sq. ft.                       | 13 sq. ft.                       | 13 sq. ft.                        | 13 sq. ft.                        |
| Filter Efficiency      | 99.9% @ 0.5 microns              | 99.9% @ 0.5 microns              | 99.9% @ 0.5 microns               | 99.9% @ 0.5 microns               |
| Inlet                  | 2"                               | 2"                               | 2"                                | 2"                                |
| Accessories (included) | Explosion Proof Pkg. w/ 10' Hose | Explosion Proof Pkg. w/ 10' Hose | General Cleaning Pkg. w/ 25' Hose | General Cleaning Pkg. w/ 25' Hose |

### Explosion Proof Accessories Package:



- #151510DEX Features:**
- (1) - 54" Aluminum Two-Piece Wand
  - (1) - 11" Aluminum Crevice Tool
  - (1) - 14" Metal Floor Brush w/ Anti-Static Bristles
  - (1) - 3" Round Static-Conductive Brush
  - (1) - 2" to 1.5" Button Lock Reducer
  - (1) - 2" x 10' Fully Grounded Urethane Hose

### General Cleaning Package:





- #202025 Features:**
- (1) - 45" Chrome Single Bend Wand
  - (1) - 18" Chrome Angled Wand
  - (1) - 15" Aluminum Crevice Tool
  - (1) - 20" Aluminum Floor Tool w/ Rollers and Squeegee
  - (1) - 5" Rubber Utility Tool
  - (1) - 4.5" Plastic Car Wash Utility Tool
  - (1) - 4" Wooden Round Brush
  - (1) - Standard Rubber Nozzle
  - (1) - 2" x 25' Anti-Static Vinyl Hose



# INDUSTRIAL VACUUMS for POWDER COATING

## Collection and Containment

### POWDER COATING SYSTEMS

|   | Explosion Proof | Fully Grounded | Fully Grounded & Sealed | Non-Sparking By Impact | Electric Motor | Air-Powered Motor | Continuous Duty | Intermittent Duty |
|---|-----------------|----------------|-------------------------|------------------------|----------------|-------------------|-----------------|-------------------|
| FRV-100    | ✓               | ✓              | ✓                       | ✓                      |                | ✓                 | ✓               |                   |
| FRV-110    | ✓               | ✓              | ✓                       | ✓                      | ✓              |                   | ✓               |                   |
| PCS-200    |                 | ✓              |                         | ✓                      | ✓              |                   |                 | ✓                 |
| PCS-220  |                 | ✓              |                         | ✓                      | ✓              |                   |                 | ✓                 |

### HOW DOES MICROCLEAN FILTRATION WORK?

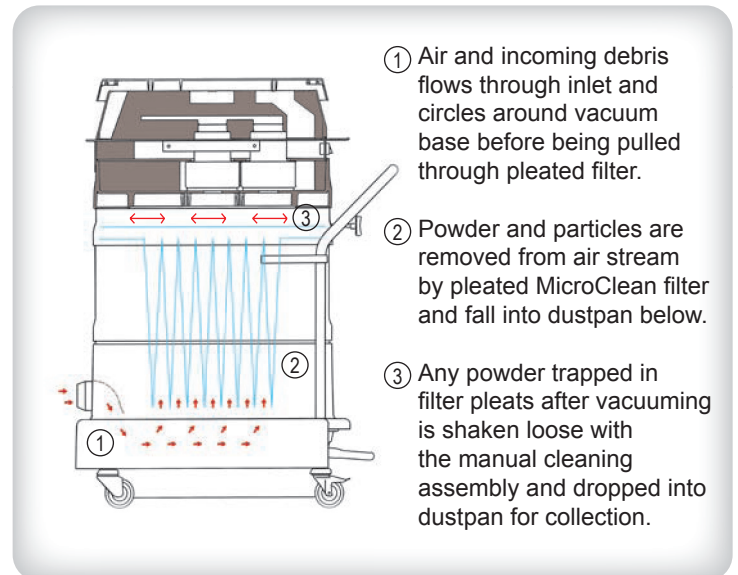


Our low-loading MicroClean filters are specifically designed to collect and contain fine powders and dusts. The innovative pleated design allows filter area to be maximized within a confined space. There are no paper or cartridge filters here; our filters are made out of only the best quality materials to ensure longevity and performance. Our filters are 99.9% efficient at removing particles down to and including .5 micron. Unlike cartridge or paper filters which need to be replaced, our filters are permanently installed and can be cleaned without disassembling the vacuums.

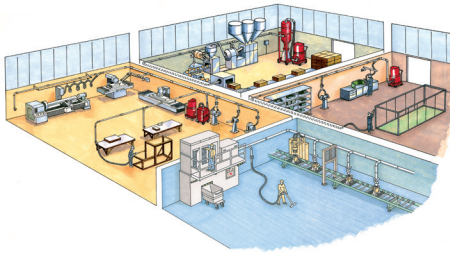
Pleated paper and cartridge filters can become distorted with too much filter cake, rendering a vacuum useless. With a Ruwac vacuum, you never have to worry about collapsing filters. Ours are protected with a steel frame and wire mesh inserts to preserve shape and integrity while vacuuming and cleaning. Furthermore, an external manual cleaning assembly allows users to rid the filter of dust accumulation, extending filter life and renewing air flow. So stop messing with the rest -- Put a Ruwac filter to the test!



**All PCS Vacuums Include  
A 3-Year Filter Guarantee!**



# CENTRAL SYSTEMS AND PRE-SEPARATORS: More Solutions to Your Powder Coating Removal Needs



## CUSTOM CENTRAL VACUUM SYSTEMS

We also offer central vacuum systems capable of handling multiple operators for powder paint recovery. With over 30 years of proven installations, Ruwac will customize your central vacuum system with the correct vacuum producer, filtration unit, collection container and tubing system for your needs. Our professional

engineers will help you meet OSHA and NFPA requirements to present a safe working environment for your employees and properly collect the material in question.

These systems offer many features and options to ensure the correct machine is built to your individual needs. Optional bag-in/bag-out filtration units allow contamination-free emptying to protect workers' health and product integrity. Capable of handling anywhere from 1 to 100 operators, central systems can also be adapted for general housekeeping or routine maintenance, permitting versatility and functionality for all uses.



## PRE-SEPARATION SYSTEMS

95(+)% efficient with submicron particles, the High Efficiency Cyclone (HEC) in itself is your solution to increasing your vacuum's collection capacity while sparing you from costly filter changes. Now with these 4 unique HEC Separation Systems, the clean-up process is made much easier thanks to a wide variety of benefits and features such as tipping drums, bagging systems and lifting assemblies. All systems are compatible with the 8", 12" or 14" HECs.



- Includes standard, reinforced removable drum
- Attaches to any drum allowing for multiple filling cycles and reuse of old drums
- 3" Casters with heavy duty caddy for ultimate mobility



- Tipping drum for fast emptying eliminates any heavy lifting
- Fork lift pockets for ultimate mobility even under heavy loads
- Equalizer kit allows plastic bags to be used for collection within drum



- Universal direct bagging system allows for dustless clean-up and minimizes contact with contents
- External gravity drop for continuous discharge and vacuum operation
- Oversized internal drop out chamber with velocity break
- 6" Heavy duty casters and counter-balanced base for ultimate mobility



- Lifting assembly mechanically raises cyclone from drum for easy emptying
- Tipping drum for fast emptying eliminates any heavy lifting
- Fork lift pockets for ultimate mobility even under heavy loads
- Equalizer kit allows plastic bags to be used for collection within drum



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