



PARTS WASHER CABINET

SWC™ Series

Kresco's SWC™ Series Parts Washer Cabinet is the ideal confinement environment to conduct precision high-pressure cleaning operations of complexed parts and components.

SWC™ Series Solvent Parts Washer Cabinets

These parts washers offer ergonomic working height, versatility and performance for industrial and commercial cleaning applications.

They can be designed for heated aqueous-based cleaning fluid or Class I Div. 1 hazardous location solvent-based cleaner.

They are offered with a selection of cleaning tools and features to improve the operator's safety and performance.

Common Applications

- Degreasing and cleaning parts, tools or machinery's components
- Surface cleaning of manufactured parts prior to apply coating products
- Restoring engines and mechanical parts of vehicles
- Maintenance of aircraft components
- Cleaning mining and wastewater pumps for rebuild
- Cleaning flexo/litho printing plates and components



Key Features

Class I Div. 1 Components

LED lighting system, impeller and control panel

Large View Window

Lexan window with easily replaceable shields

Ergonomic Controls

Valves and cleaning tools controls located on front leg

Flow Regulator

Regulate the flow of fluid through cleaning tools



Solvent Fume Extraction

1/2 HP motorized impeller to evacuate hazardous vapors

Door Safety Switch

Interrupts the cleaning cycle if a door is open

Pump Powered Process

Selection of low-pressure and high-pressure pumps

Recirculating Tank

Available in 15, 20, 30 and 45-Gal fluid capacity

Recirculating Tank Options

A stainless-steel tank mounted on wheels is supplied with each parts washers. Custom-sized tanks and fluid transfer mechanisms are available upon request.

Electric Heater

Fast heating electric element that can heat cleaning detergent up to 120°F / 49°C

Heavy-Duty Wheels

Mounted on wheels for easy maintenance and draining procedures



Fluid Level

Front face fluid view glass for easy monitoring of fluid level and contamination

Drain Plug

Front drain plug for ease of draining procedures



Available in aqueous version only



Available in solvent version only

Standard Features

Protective Gloves
Nitrile/Neoprene/Butadyl



Flow-Thru Brush



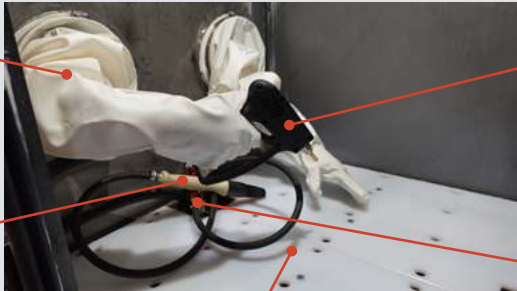
Spray Gun
Available with a wide array of spray patterns



Air Blow Gun



Work Shelf
Thick perforated polyethylene (UHMW)
Standard load capacity: **500 lb**
Other loading capacities are available upon request



Spray Nozzle Types

Wide variety of spray patterns are available for various outputs and uses.

Splash	Multiple Streams	Flat	Hollow Cone	Full Cone	Square
					

How It Works

The cleaning fluid circulates in a loop of a pneumatic system to be reused over and over until it no longer has degreasing properties. Circulating debris are trapped in a filtration system integrated to the pump. Optional clean rinse tank can be added for optimal washing results.

Operator slits his hands through the protective gloves and operate though a security window. Doors are sealed to prevent fluid and fume from escaping into the work environment and a safety switch automatically interrupts the cleaning cycle upon door opening



The **aqueous version** is made of durable industrial-grade steel or optional stainless steel. Washing fluid can be heated to the desired temperature thanks to electrical heaters located inside the fluid tank for optimal comfort and cleaning performance.



The **solvent version** is entirely made of stainless steel and is fitted with explosion-proof components that comply with Class I Div. 1 standard.

Reccomended layout

Clean Fluid Source

Used to rinse parts after cleaning or fill up the recirculating tank

Recirculating Tank

Used to clean parts during cleaning cycle



Discharged Hose

Used to flush out waste solvent from recirculating tanks towards waste containers or solvent recycling system

Inline Filtration System

Captures waste solids generated during cleaning cycles

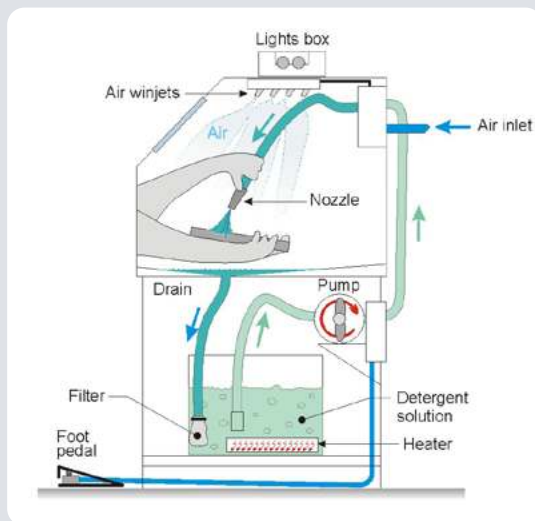
Suction System

Suction-type vaporization systems operate using the Venturi principle. An air inlet located at the exit end of the nozzle sucks fluid from the recirculating tank and accelerates its flow as it exits the nozzle.

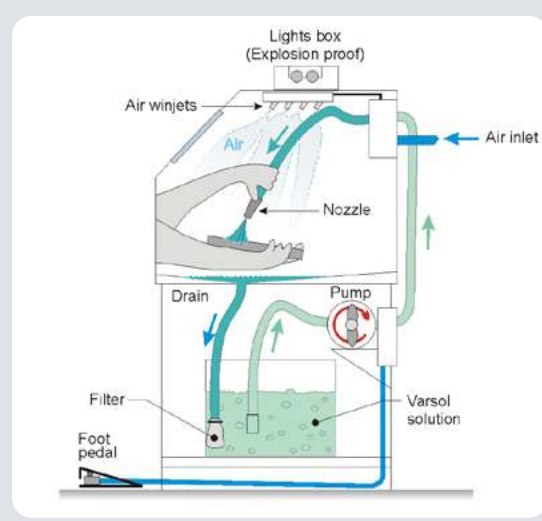
Liquid outputs in wide-spray jet covers large section of part that needs cleaning, with air added to dislodge hard-to-remove oil and grease.

Cleaning tools are activated with foot pedal or by activating control knob. Optional no-contact pedal is available to reduce stress on the back when operating long hours of cleaning.

Aqueous Version



Solvent Version



Optional Feature

No-Contact Foot Pedal

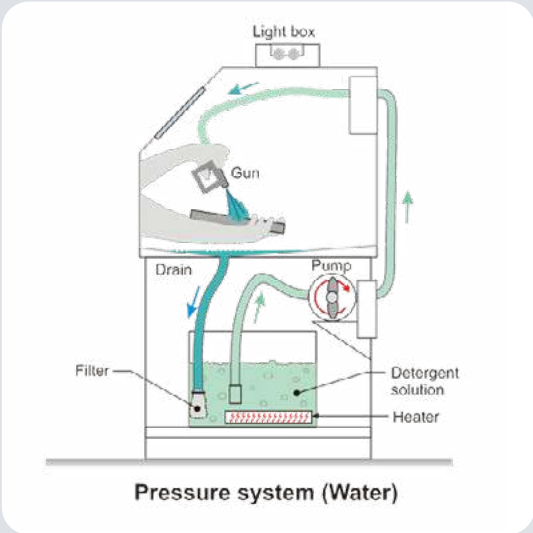
**Available on the Aqueous Version only*



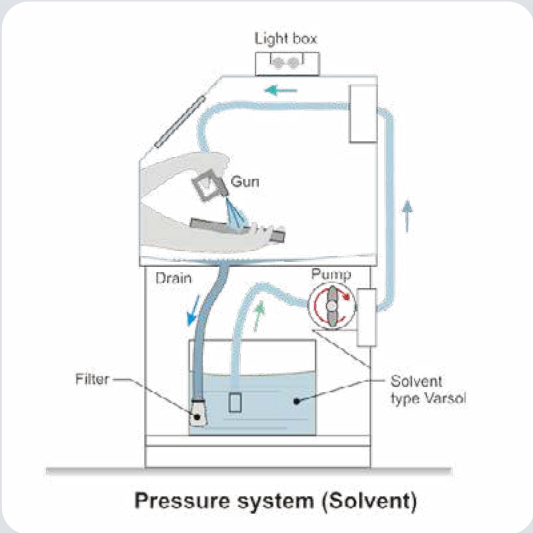
Pressure System

In the pressure-type system, cleaning fluid is forced through the cleaning nozzle using a choice of low-pressure or high-pressure pumps. Operator manually activates cleaning tools by pressing the gun trigger or by activating control knob.

Aqueous Version

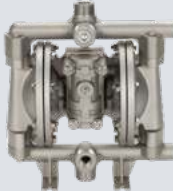


Solvent Version



Choice Of Fluid Pumps

 Available in aqueous version only

Pressure Pumps Available		Working Pressure
	High-Pressure Pneumatic Pump	100 to 3,000 PSI
	 High-Pressure Electric Pump	100 to 3,000 PSI
	Low-Pressure Diaphragm Pump	30 to 100 PSI

Optional Features



Front Guillotine Door

Front opening pneumatic door provides complete access to work surface and enables features like retractable shelf.

Rotating Table

Increases the operator's productivity while reducing stress caused by the manipulation of parts.

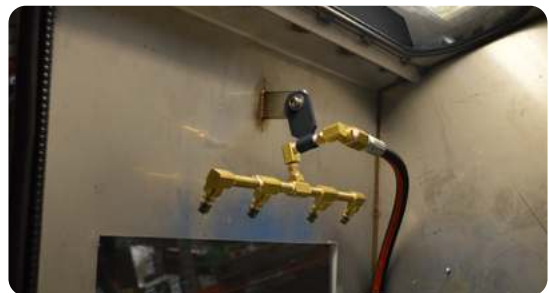


Retractable Shelf

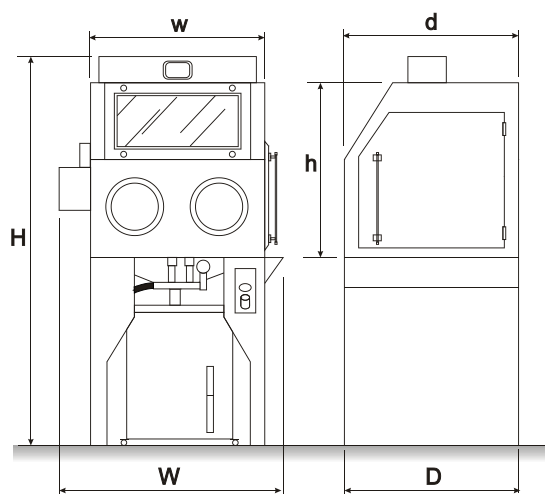
Retractable and tiltable shelf allow for a better ergonomic and facilitate loading/unloading procedures.

Window Clean Off Nozzles

Enhanced window blow off nozzle utilizing air-knife technology for increased visibility inside the cabinet.



Floor Layout



Specifications

Air Inlet	ID: ½ / 20 cfm @ 80 psi
Electrical Requirements	½ Hp / 120 V / 60 Hz / 1 Ph
Loading Capacity	Standard: 500 lb Other loading capacities available upon request
Warranty	2 Years

	SWC2836	SWC3636	SWC3648	SWC3660	SWC3672
Interior Dimension (L x W x H)	28" x 36" x 35"	36" x 36" x 35"	36" x 48" x 35"	36" x 60" x 35"	36" x 72" x 35"
Door Opening (DW x DH)	16" x 34 ⁵ / ₈ "	24" x 34 ⁵ / ₈ "			

	SWC4848	SWC4860	SWC4872	SWC6060	SWC6072	SWC7272
Interior Dimension (L x W x H)	48" x 48" x 35"	48" x 60" x 35"	48" x 72" x 35"	60" x 60" x 35"	60" x 72" x 35"	72" x 72" x 35"
Door Opening (DW x DH)	36" x 34 ⁵ / ₈ "			48" x 43 ¹ / ₄ "		58" x 38"

Delivery dimensions and suggested layouts are available upon request.

Code-Compliant

in Canada and in the United States

Our parts washer cabinets and pre-engineered features are approved and compliant to the code for industrial and commercial usages in Canada and the United States. The solvent version is built with electric components that comply with Class I Div. I Hazardous Locations Standards.



Kresco designs, manufactures, and supports industrial equipment for the surface treatment industries. Kresco has standard equipment designed for most applications and can customize equipment to meet or exceed your production expectations.

Sandblasting

- Sandblast Booths
- Sandblast Cabinets
- Automated Sandblasting Systems
- Abrasive Reclaiming Systems
- Pressurized Sandblasters
- Dust Collectors

Solvent Recovery

- Batch Solvent Distillers
- Continuous Flow Solvent Distillers
- Oil Cooling Systems

Shotblasting

- Roller Conveyor Blaster
- Rotary Table Blaster/Swing Table Blaster
- Spinner Hanger (Batch)
- Continuous Flow with Monorail
- Rubber and Steel Flight Tumbler Blasters
- Flow Thru Barrel Blasters
- Mesh Belt Continuous Blasters
- Monorail System Blasters
- Rim Blasters
- Preservation Line

Parts & Consumables

- Blast Nozzles
- Blast Hoses
- Abrasive Media
- Air Valves
- Abrasive Metering Valves
- Cartridge Filters
- Sludge Bags
- Safety Equipment & PPE

Painting

- Paint Spray Booths
- Powder Coating Booths
- Drying Ovens
- Air Make-Up Units

Services

- Turnkey Project Design
- Custom Design
- Full Installation
- Start-up Supervision
- Training
- Maintenance
- Retrofit & Upgrade

All systems are designed to build and they are manufactured with the highest quality standards in our manufacturing shop in Quebec, Canada.





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