

FOOD & BEVERAGE PNEUMATIC DEVICES

Werner Electric Supply has teamed with SMC USA to complete our automation product offering, and to supply you with the highest quality pneumatics products available. From valves to solenoids to actuators, our line is complete. Together with over 60 years of experience with industrial automation systems, our partnership with SMC solidifies our expertise and ability to support your needs.

Supporting Your Needs with Service and Expertise

Werner Electric Supply not only provides the pneumatics equipment you need, but also the service and expertise that it takes to provide a complete solution. Our pneumatics staff is ready to support our full range of customers, from OEMs to maintenance departments!

Look to Werner Electric Supply for new application and engineering assistance including sizing, AutoCAD drawings and new product training. Our pneumatics experts can recommend components that provide faster and/or more accurate operation for existing equipment

Werner Electric assists MRO and maintenance departments in addressing problem areas such as premature component failures, slow performance, or conversion to serial communication. We can also cross-reference competitors' parts and recommend energy-saving solutions. Werner offers a large inventory of SMC components and will add customer specific products as needed.

Give one of our pneumatics experts a call at 920-969-2156.
They will be happy to assist you!

- Product Training
- Engineering Assistance
- Expert Consultation
- Customer Specific Inventory Available
- Custom Assembly



*The Global Leader in the Design and Manufacture of
Pneumatic & Electro-Pneumatic Components for Automation.*



Pneumatic Cylinder Identification Marking

Werner Electric offers laser engraving services for your pneumatics cylinders.

- Laser etching stands up to washdown environments
- Engrave company info, logos, part numbers
- Quick turn-around, quality engraving



800-236-5026 • www.wernerelectric.com

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Contact us for Application & Technical Support
920-969-2156

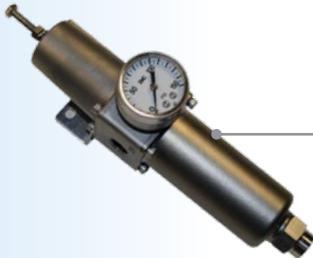


AC21-41, Modular Style F.R.L. Units, Epoxy Coated

The cost effective and clean looking AC series allows you to pick a combination of modular style air preparation equipment that best suits your needs. The series, available in 8 size options to ensure optimum performance, offers energy savings, with higher flow rates. Simple assembly and maintenance reduces downtime.

Features:

- Available sizes: 1/8, 3/8, 1/2
- Epoxy resin coating & stainless hardware for enhanced protection in corrosive manufacturing environments
- Port sizes: 1/4, 3/8, 1/2
- NPT threads



NEW! AC21-41, Modular Style F.R.L. Unit, Stainless Steel



Stainless Steel Cylinders for Wash Down Applications (CJ5-S/CG5-S)

For use in environments with water spray such as food processing machines.

- All stainless steel specification (external parts)
- Stainless steel (SUS304) is used for external metal parts.
- Corrosion resistance is improved even in environments with exposure to water.
- Exterior configuration reduces residual liquid

Features:

- Electropolishing of mounting bracket surfaces makes them smoother to prevent build-up of liquids and foreign matter.
- Plugs are provided for unused mounting threads (Series CG5-S) to prevent residue build-up in the threads.
- Two types of seal material NBR (Nitrile rubber) or FKM (Fluoro rubber) can be selected to accommodate the application.
- Uses grease for food processing machines that meets FDA standards
- The use of non-toxic additives allows confident use in equipment for foods, beverages and medical products, etc.
- Special scraper (standard) prevents water from entering the cylinder.
- Can be disassembled (Series CG5-S)
- Replacement of seals promotes an extended service life.



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Electro-Pneumatic Pressure Regulators

Stepless control of air pressure proportional to an electrical signal

Features:

- Sensitivity: 0.2 kPa (100kPa specification)
- Linearity: Within $\pm 1\%$ (F.S.)
- Hysteresis: Within $\pm 0.5\%$ (F.S.)
- Flows from .24 CFM (7 L/min) to 140 CFM (4000 L/min)
- Built in pressure transducer with output signal
- Standalone unit or manifold type (up to 8 per manifold)



Stainless Steel 316 One-Touch Fittings

Certified to meet current Food Sanitation Law standards.
All stainless steel except seal parts.

Features:

- Metal parts: Stainless steel 316
- Seal parts: Special FKM
- Grease-free
- Fluid temperature: -5° to 150°
- Can be used with steam.
- Applicable tubing material:
FEP, PFA, Soft Nylon, Polyurethane, Polyolefin

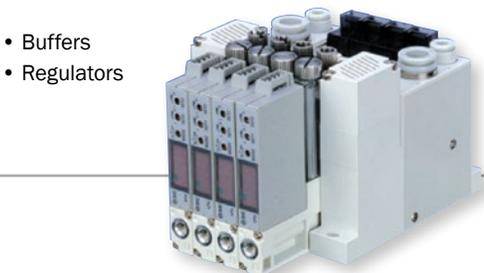


Vacuum Products

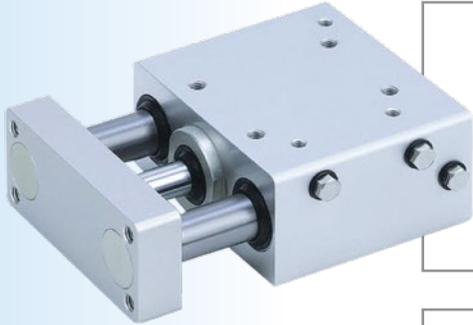
- Suction Cups
- Switches
- Hi-Vac Valves
- Adapters
- Filters
- Buffers
- Regulators

Features:

- Single to 3-stage diffuser options
- Standalone or manifold style ejectors with blow off option
- Multiple Pad Material options
 - NBR
 - Silicone rubber
 - Fluoro rubber
 - Conductive/non conductive



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HY(D)G, Hygienic Design Cylinder, Guide Type

SMC's hygienic design guide cylinder, series HYG, offers significantly improved water resistance by adopting a new lubrication construction. The cylinder's flat configuration (grooves for auto switches and holes for cushion needles, etc. have been eliminated) allow the surface to be wiped off easily.



HY(D)Q, Hygienic Design Cylinder, Basic Type

Production and packaging applications involving food and beverages often need specialized equipment to meet the strict hygiene standards required in these industry sectors. SMC, the world leader in pneumatic technology, has developed the HY series to meet these requirements. All the models in the HY series are particularly suitable for application in the "non-food" or "splash" zones of a production line. Their high quality construction and optional food grease ensure an increased service life. The HYQ is the series basic type and is available with a rail mounted auto switch, which is fully adjustable along the stroke length, providing improved cleaning benefits.

Features:

- Hygienic design cylinder
- Bore sizes (mm): 20, 25, 32, 40, 50, 63
- Strokes up to 100mm depending on bore size
- New switch style allows cylinder surface to be wiped off easily
- New lubricating construction significantly improves water resistance
- Male or female rod end



HY(D)B, Hygienic Design Cylinder, Round Type

SMC's hygienic design cylinders, series HY, offers significantly improved water resistance by adopting a new lubricating construction. The cylinder's flat configuration (grooves for auto switches and holes for cushion needles, etc. have been eliminated) allow the surface to be wiped off easily.

Features:

- Five fold increase in service life over the conventional water resistant cylinder
- The mounting dimensions are identical to those of the CG1 series
- Maximum operating pressure: 1.0MPa
- Ambient and fluid temperature: with auto switch: 0°C to 60°C, without auto switch: 0°C to 70°C
- Sealant material: NBR and external FKM



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ELECTRIC SUPPLY