

**RUPES®**



**S1 SERIES**

# S.C.S. SMART CONTROL SYSTEM



## Power and Function Selector



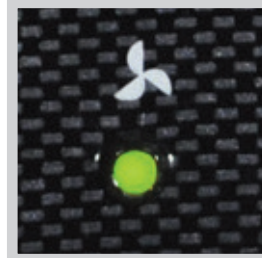
The bright blue backlight indicates that the extractor is ready to be started. Turn the dial to select manual or automatic vacuum mode, plus select the amount of vacuum power for the specific application. Power can be regulated from 350 W to 1200 W in either manual or automatic mode.

## Multiple Tool Connections for Automatic Activation of the Extraction Motor



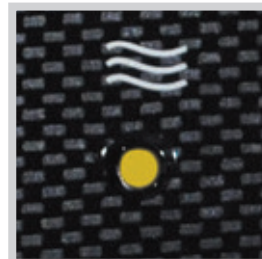
Multiple connection types for multiple tools. Onboard electrical connection for up to 2400 W of power and two pneumatic connections for supplying air for up to two pneumatic tools simultaneously.

## Multifunction LED Indicators



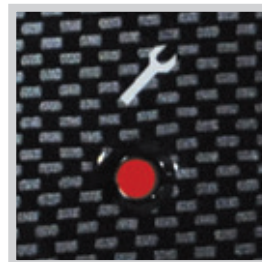
### GREEN

Extraction motor on. The LED lights up each time extraction is activated. Due to the extremely quiet operation of the S1 Series vacuum visual indicators allow operators to know the system is activated even in noisy shop environments.



### YELLOW

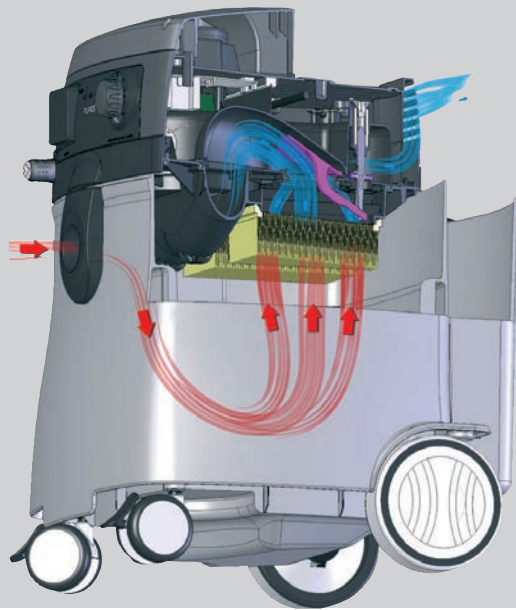
Liquid container is full. This LED activates to indicate fluid levels are at their maximum level. When triggered the extractor motor is blocked to prevent damage and protect the vacuum components from liquid intrusion.



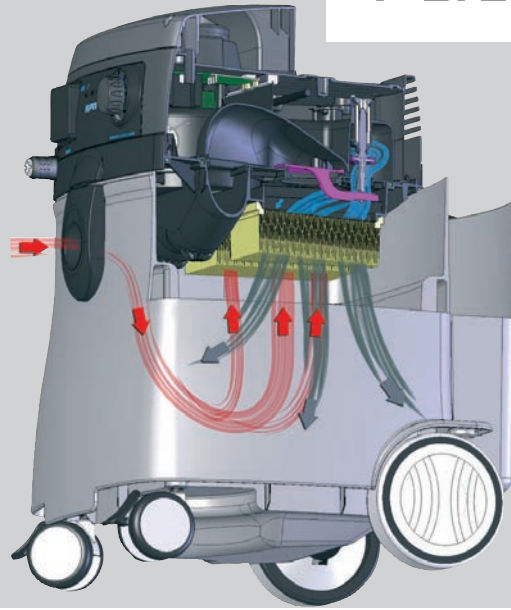
### RED

Routine service recommended. This LED signals the need for routine maintenance to be carried out by an Authorized RUPES Service Center or factory trained technician.

# FILTER SYSTEM



Air cycle during normal operation



Air cycle during filter cleaning

## AUTOMATIC FILTER CLEANING

The patented RUPES automatic filter cleaning system ensures maximum extraction efficiency under all working conditions. The air flow passing through the filters is inverted in alternation every 30 seconds through a system of valves, thus ensuring efficient cleaning action. With this innovative system, the operator is able to continue working without interruptions or reduction in efficiency in the extraction process due to dirty or clogged filters.

### Cartridge Filter

The S1 Series vacuums are equipped with a double panel filter for a total of 1 sq. meter (nearly 11 sq. feet) of filter surface area. The supplied filter is composed of material certified for class M dust extraction. When used as recommended, with a RUPES filter bag, the double panel filters require almost no maintenance or replacement for the life of the vacuum system. Competitive systems require the replacement of expensive filters adding significant operating cost.

### Filter Bags

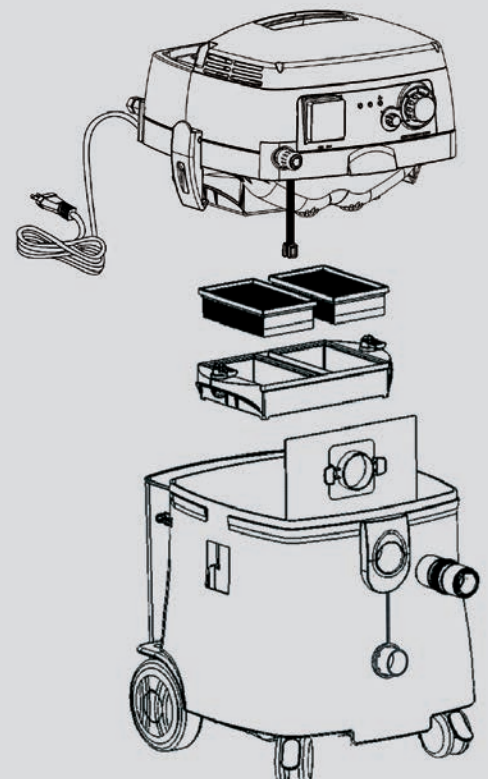
The S1 Series vacuum comes equipped with a fleece filter bag standard. Replacement filter bags are available from your local authorized RUPES distributor.

### Container Drum

The S1 series vacuum system is equipped with a 45-liter (nearly 12 gallon) drum. Its special structure ensures durability, but remains lightweight and manageable during movement in all work spaces. Competitive systems use bulky, awkward, or tip-over-prone accessories and attachments that do not permit easy movement around a shop. The shape of the S1 drum enables maximum expansion of the filter bag, fully using the volume of space provided.

### Vacuum Cleaner Connector Attachment

The S1 Series vacuum comes supplied with multi-purpose swivel attachments as well as a 2-way vacuum connection coupler to allow multiple tools to be connected to the vacuum at the same time.





# EFFICIENCY AND ORGANIZATION



## Air Regulator



The patented connector attachment with an integrated air regulator allows the operator to tune the suction to ensure maximum extraction efficiency for any situation.

## Connection For Up To 2 Hoses



The 2-way union complete with 1 clapper valve enables the use of two tools simultaneously. One electric and one pneumatic or two pneumatic tools can be connected to the system simultaneously. The 2-way union is included as standard equipment with the S1 series vacuum system.

## Storage Compartment



The rear of the S145 vacuum extraction system includes a hose and attachment storage compartment to conveniently store power cords, extraction hoses, or air hoses.

## Support Shelf



The top of the S145 extractor features a convenient shelf, ideal for the storage of tools and related attachments.

## Tool Holder



Outfit your S1 series vacuum for even more versatility with the optional support handle. This sturdy handle provides a convenient tool support for additional onboard storage.

# CHARACTERISTICS

## Equipped with

- Swivel connection Ø50mm
- Hose assembly, Ø29 mm
- Filter bag M Class (L and M versions) (code 130.1108)

S145 TECHNICAL SPECIFICATIONS		
Power	Watts	1x1200
Weight	Kg - lbs	13.5 - 29.76
Max. power supplied by power outlets	Watts	2400
Pressure	mm/h <sub>2</sub> O - in/h <sub>2</sub> O	2000 - 788
Noise level	dB(A)	73*
Container volume	l - gal	45 - 12
Air flow rate	m <sup>3</sup> /h - ft <sup>3</sup> /h	165 - 5827**
Indicated for dust classes		L - M
Filter surface area	m <sup>2</sup> - ft <sup>2</sup>	1 - 10.76
Electrical outlets for tools		1
Pneumatic outlets for tools		2
Pneumatic connections for tools	versions	P
Automatic filter cleaning		Yes
Ø internal connector attachment	mm - in	50 - 2
<b>PNEUMATIC REQUIREMENTS:</b>		
Feed pressure	bar - psi	6 - 90
Max.air flow rate	l/min - ft <sup>3</sup> /min	1450 - 51.2

\*dB(A) According to EN 60704-3 standard  
 \*\*According to EN 60335-269 standard



# ACCESSORIES

## Tool Holder Support Handle



## Polyester Filter



## Fleece Filter Bag



## ACCESSORIES

Description	Qty/pkg.	Code
Tool Holder Support Handle		049.1108/C
Paper Extraction Filter	1	036.1108
Fleece Filter Bag	5	030.1108/5
Polyethylene disposal bag	5	052.1108/5

# HOSES

## ANTISTATIC HOSE ASSEMBLIES

ANTISTATIC HOSES FOR PNEUMATIC TOOLS



ANTISTATIC HOSES FOR ELECTRIC TOOLS



Description	Size	Ømm	Tools	Code
Antistatic hose assembly	5m - 16.4ft	29	pneumatic	9GAT02004/AS*
Antistatic hose assembly	5m - 16.4ft	29	electric	9GAT02001/AS**
Antistatic hose assembly	8m - 26.25ft	29	pneumatic	9GAT02002/AS
Antistatic hose assembly	8m - 26.25ft	29	electric	9GAT02003/AS**
*9GAT02004/AS included as standard equipment for S145 units in the US				
**Electric tool compatible hoses are also compatible with most hand blocks using an adapter				

## HOSES ASSEMBLIES

HOSES FOR ELECTRIC TOOLS



HOSES FOR PNEUMATIC TOOLS



Description	Size	Ømm	Tools	Code
Hose assembly	5m	29	pneumatic	9GAT02004/C
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Hose assembly	8m	29	electric	9GAT02003/C**
**Electric tool compatible hoses are also compatible with most hand blocks using an adapter				



# WHAT CAN THE RUPES S145 MOBILE DUST EXTRACTION SYSTEM DO FOR YOU?

Clean working environments, better results, improved efficiency, reduced abrasive costs, and increased operator safety; these are just some of the numerous benefits that a vacuum dust extraction system by RUPES can provide for your business.

With class leading performance and innovation the S145 delivers incredible value for shops of virtually any size. Contact your local authorized RUPES distributor to schedule a demonstration and see how a dust extraction system by RUPES can save you up to 40% in labor time and abrasives costs annually.



\*S145 System shown with optional accessories.



# **RUPES®**

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