S Series Industrial Vacuums
- single-phase, electric vacuums for every application

Nilfisk

Industrial Vacuums for Increased Productivity
- power to clean faster and more efficiently to cut costs

The S Series is designed to meet a wide range of industrial cleaning challenges. Available in a variety of configurations, these vacuums feature solid construction with many innovations, such as a membrane switch keypad with LED indicators that monitor filter performance.

Features and Benefits

Simplify Maintenance & Reduce Downtime

- Modular design for easy modifications and servicing
- Electronic keypad with LED indicators to monitor filter performance
- Optional liquid and solid level LED sensors (26 gal. models only) that automatically shut off the machine when maximum capacity is reached

Decrease Dust Exposure

- Optional upstream HEPA filtration ensures 99.995% of particles are retained, down to and including 0.18 microns
- Available with polyliner adapter kit for safer and easier disposal of collected material

Industries:

Firing Ranges	Powder Coating
Food Processing	Printing
Packaging	Textiles
Metalworking	Woodworking
Paper/Corrugated	

Technical Specifications

Description	Unit	S2N1	S2N1A	S2N6	S2N6A
Collection Type	-	Dry	Dry	Dry	Dry
Type of Power	-	1-phase	1-Phase	1-phase	1-Phase
Voltage @ 60 Hz	V	120	120	120	120
Power @ 60 Hz	HP (W)	2.68 (2000)	2.68 (2000)	2.15 (1600)	2.15 (1600)
Current, max.	amps	14.5	14.5	11.5	11.5
Airflow, max.	CFM (L/min)	198 (5607)	198 (5607)	180 (5097)	180 (5097)
Waterlift, max.	in. (mm) H_2O	83.1 (2111)	83.1 (2111)	71.5 (1816)	71.5 (1816)
Container Capacity	gallons (L)	13 (50)	26 (100)	13 (50)	26 (100)
Main Filter Area, standard	ft² (m²)	20.99 (1.95)	20.99 (1.95)	20.99 (1.95)	20.99 (1.95)
Main Filter Area, oversized	ft² (m²)	31.22 (2.9)	31.22 (2.9)	31.22 (2.9)	31.22 (2.9)
HEPA Filter Area, upstream	ft² (m²)	37.7 (3.5)	37.7 (3.5)	37.7 (3.5)	37.7 (3.5)
HEPA Filter Efficiency	-	99.995% @ 0.18 microns	99.995% @ 0.18 microns	99.995% @ 0.18 microns	99.995% @ 0.18 microns
Machine Inlet Diameter	mm	70	70	70	70
Dimensions (L x W x H)	in x in x in (mm x mm x mm)	31.5 x 23.6 x 51.2 (800 x 600 x 1300)	31.5 x 23.6 x 62.2 (800 x 600 x 1580)	31.5 x 23.6 x 51.2 (800 x 600 x 1300)	31.5 x 23.6 x 62.2 (800 x 600 x 1580)
Weight, machine only	lb (kg)	139 (63)	140 (63)	139 (63)	140 (63)
Cord Length	ft (m)	30 (10)	30 (10)	30 (10)	30 (10)
Protection Class	-	IP44	IP44	IP44	IP44
Sound Pressure Level @ 3'3"	dB(A)	70	70	70	70

Specifications subject to change without notice. The data, characteristics, colors and illustrations are merely indicative and therefore not binding.

Endless Possibilities
- for industry specific applications

ETL listed for electrical safety

Lifting motorhead

Ergonomic handle

13 gal. or 26 gal. collection container

Accessory tray and cable holder

Manual filter shaker

Membrane switch keypad with LED indicators

Standard polyester star filter

Optional fixed floor nozzle

Optional Longopac® system

Technical Specifications

Description	Unit	S3N1	S3N1A	S3N2	S3N2A
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)
Type of Power	-	1-phase	1-Phase	1-phase	1-Phase
Voltage @ 60 Hz	V	120	120	220	220
Power @ 60 Hz	HP (W)	3.22 (2400)	3.22 (2400)	4.02 (3000)	4.02 (3000)
Current, max.	amps	15.8	15.8	13	13
Airflow, max.	CFM (L/min)	270 (7646)	270 (7646)	314 (8891)	314 (8891)
Waterlift, max.	in. (mm) H_2O	71.5 (1816)	71.5 (1816)	90 (2286)	90 (2286)
Container Capacity	gallons (L)	13 (50)	26 (100)	13 (50)	26 (100)
Main Filter Area, standard	ft^2 (m^2)	20.99 (1.95)	20.99 (1.95)	20.99 (1.95)	20.99 (1.95)
Main Filter Area, oversized	ft^2 (m^2)	31.22 (2.9)	31.22 (2.9)	31.22 (2.9)	31.22 (2.9)
HEPA Filter Area, upstream	ft^2 (m^2)	37.7 (3.5)	37.7 (3.5)	37.7 (3.5)	37.7 (3.5)
HEPA Filter Efficiency	-	99.995% @ 0.18 microns	99.995% @ 0.18 microns	99.995% @ 0.18 microns	99.995% @ 0.18 microns
Machine Inlet Diameter	mm	70	70	70	70
Dimensions (L x W x H)	in x in x in (mm x mm x mm)	31.5 x 23.6 x 51.2 (800 x 600 x 1300)	31.5 x 23.6 x 62.2 (800 x 600 x 1580)	31.5 x 23.6 x 51.2 (800 x 600 x 1300)	31.5 x 23.6 x 62.2 (800 x 600 x 1580)
Weight, machine only	lb (kg)	150 lb. (68)	157 (71)	150 (68)	157 (71)
Cord Length	ft (m)	30 (10)	30 (10)	30 (10)	30 (10)
Protection Class	-	IP44	IP44	IP44	IP44
Sound Pressure Level @ 3'3"	dB(A)	71	71	71	71

Safe Choice Commitment

At Nilfisk Industrial Vacuums we understand that you face many risks each day, just by operating your business. That is why Nilfisk is dedicated to helping you make smart choices to keep your facility and your workers safe. Our team of experts is ready to tackle any cleaning challenge – because in a world full of risk, you have to make safe choices.

We are committed to being that safe choice. To learn more visit nilfiskindustrialvacuums.com.

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Digital control and modular design with power to spare.

Model S2 is equipped with 2 bypass motors. It is easy to use thanks to the electronic board supplying real-time data about the filter status, and individually controlled motors.

S2 is equipped with a control panel supplying real-time information about the vacuum performance and filter condition. It comes standard with a 50L container, but can be outfitted with a 100L bin, dust-free collection options or for separating fluids from solids like metal shavings. HEPA filtration helps contain harmful dusts, and a variety of main filters can be selected to suit the intended use. It is versatile and powerful enough to accomplish tasks ranging from the machine shop to food or pharmaceutical production areas.

- Constant check of the vacuum efficiency
- Dust-free Longopac disposal system ("endless bag") available
- Tool tray
- High filtering efficiency
- Quietest of Nilfisk's 1-phase industrial vacuums
- Modular and suitable for any industrial application
- Ergonomic external filter shaker
- Large star filter
- Stainless steel versions available

Picture shown may not represent model quoted

● Standard equipment

Included accessories		Ref. no.	Min. required	S2N1 L50 AU	S2N6 L50 AU 1600W
Filter					
	FILTER HEPA 415MM DIA.X 100MM	4081700935	1	●	●
	FILTER KIT 8-17080+TIES S2-S3	40000338	1	●	●

Model	S2N1 L50 AU	S2N6 L50 AU 1600W
Ref. no.	4010300186	4010300187

PRODUCT FEATURES

	S2N1 L50 AU	S2N6 L50 AU 1600W
Polyester cloth filter	●	●
Tool tray	●	●
Finger touch control panel	●	●
Power connected indicator	●	●
Hepa full indicator (ELECTRONIC)	●	●
Manometer	●	●
Stainless steel filter chamber		
Stainless steel dust container		
Manual filter shaker	●	●
Hepa upstream filtration	●	●
2 indipendent single-phase motors	●	●
Chassis on wheels with brakes	●	●
50 l. bin	●	●

Digital control and modular design with power to spare.

Model	S2N1 L50 AU	S2N6 L50 AU 1600W
Ref. no.	4010300186	4010300187
PRODUCT FEATURES		
Main filter clogged indicator (ELECTRONIC)	●	●
Powder coated mild steel	●	●
Plastic bag system		
UL/CSA Recognized Components	●	●

Technical specifications	S2N1 L50 AU	S2N6 L50 AU 1600W
Cord length (ft)	30	30
Voltage at 60 Hz (V)	120	120
Ip protection class	44	44
Insulation class	F	F
Rated power (KW)	2	1,6
Airflow, max.	198	180
Noise level at 3' 3" (1 m) (dB(A))	70	70
Tank capacity (Gal / l)	13/50	13/50
Waterlift, max. (Inches H2O)	83,1	71,5
Filter area, main (ft²)	21	21
Filter area, optional HEPA (ft²)	37,7	37,7
Machine Inlet (Inches)	3	3
Dimensions, L x W x H (Inches)	31.5x23.6x51.2	31.5x23.6x51.2
Weight (lbs)	139	139
Current draw, rated (A)	14,5	11,5

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	S2N1 L50 AU	S2N6 L50 AU 1600W
Filter				
FILT CARBON 415X100MM	4081701032	1	○	○
FILTER HEPA 415MM DIA.X 100MM	4081700935	1	●	●
FILTER KIT 8-17080+TIES S2-S3	40000338	1	●	●
FILTER MAIN A/S 460MM	40000425	1	□	□
FILTER MAIN A/S M-CLASS 460MM	40000702	1	□	□
FILTER MAIN NOMEX HITEMP 460MM	40000898	1	□	□

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Digital control and modular design with power to spare.

Accessories		Ref. no.	Min. required	S2N1 L50 AU	S2N6 L50 AU 1600W
	FILTER MAIN POLYEST+POLYURE	40000492	1	□	□
Other					
	GRAV DISCHRG KIT W/5 BAGS	4056000468	1	□	□
Vac Nozzle Fixed					
	FIXED FLOOR NOZZLE S2-S3	4056000487	1	□	□
Bag					
	FILTER CAGE OVERSIZE S3	4083300372	1	□	□
	KIT ADPT PLYLNR GALV 19MM	4056000535	1	□	□
	KIT ADPT PLYLNR UNIVERSAL 304S	4089100754	1	□	□
Vacuum Hose and Connection					
	BENT CONNECTION D50 FE	Z7 21012	1	○	○
Extension Tube					
	HANDGRIP D50 ALUMINIUM COMPLETE	Z7 22025	1	○	○
Round Brush Nozzle					
	BRUSH DUST 50MM BLACK	4072200570	1	○	○

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Advance CSSR

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