

S Series

# S Series Industrial Vacuums

- single-phase, electric vacuums for every application



# 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 <sub>2</sub> O	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	ft <sup>2</sup> (m <sup>2</sup> )	20.99 (1.95)	20.99 (1.95)	20.99 (1.95)	20.99 (1.95)
Main Filter Area, oversized	ft <sup>2</sup> (m <sup>2</sup> )	31.22 (2.9)	31.22 (2.9)	31.22 (2.9)	31.22 (2.9)
HEPA Filter Area, upstream	ft <sup>2</sup> (m <sup>2</sup> )	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



Manual filter shaker



Membrane switch keypad with LED indicators

Ergonomic handle



Standard polyester star filter

13 gal. or 26 gal. collection container

Accessory tray and cable holder



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 <sub>2</sub> O	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 <sup>2</sup> (m <sup>2</sup> )	20.99 (1.95)	20.99 (1.95)	20.99 (1.95)	20.99 (1.95)
Main Filter Area, oversized	ft <sup>2</sup> (m <sup>2</sup> )	31.22 (2.9)	31.22 (2.9)	31.22 (2.9)	31.22 (2.9)
HEPA Filter Area, upstream	ft <sup>2</sup> (m <sup>2</sup> )	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](http://nilfiskindustrialvacuums.com).

## The powerful and cost-effective way to dry carpets and floors

Model S3 is equipped with 3 bypass motors. It is easy to use thanks to the electronic board supplying real-time data about the filter status, and individually controlled motors.

S3 is equipped with a control panel supplying real-time information about the vacuum performance and filter condition. It comes standard with a 100L 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
- Highest performance Nilfisk 1-phase industrial vacuum
- 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	S3 120V 2400W HEPA 13 GAL VAC	S3N1 L100 AU	S3 120V 2400W HEPA 13 GAL SS V
<b>Filter</b>					
FILTER HEPA 415MM DIA.X 100MM	4081700935	1	•	•	•
FILTER KIT 8-17080+TIES S2-S3	40000338	1	•	•	•

• Standard equipment

Included accessories	Ref. no.	Min. required	S3 120V HEPA 26 GAL SS VAC	S3 220V 3000W 26 GAL VAC
<b>Filter</b>				
FILTER HEPA 415MM DIA.X 100MM	4081700935	1	•	•
FILTER KIT 8-17080+TIES S2-S3	40000338	1	•	•

Model	S3 120V 2400W HEPA 13 GAL VAC	S3N1 L100 AU	S3 120V 2400W HEPA 13 GAL SS V
Ref. no.	4010300188	4010300189	4010300282

PRODUCT FEATURES

Manual filter shaker	•	•	•
Polyester cloth filter	•	•	•
Tool tray	•	•	•
Finger touch control panel	•	•	•
Hepa full indicator (ELECTRONIC)	•	•	•
Manometer	•	•	•



The powerful and cost-effective way to dry carpets and floors

Model	S3 120V 2400W HEPA 13 GAL VAC	S3N1 L100 AU	S3 120V 2400W HEPA 13 GAL SS V
Ref. no.	4010300188	4010300189	4010300282

PRODUCT FEATURES

Ul approved	•	•	•
Stainless steel filter chamber			•
Stainless steel dust container			•
Hepa upstream filtration	•	•	•
100 l. bin		•	
Chassis on wheels with brakes	•	•	•
50 l. bin	•		•
Main filter clogged indicator (ELECTRONIC)	•		•
Powder coated mild steel	•	•	
Plastic bag system			
3 independent single-phase motors	•	•	•

Model	S3 120V HEPA 26 GAL SS VAC	S3 220V 3000W 26 GAL VAC
Ref. no.	4010300284	4010300298

PRODUCT FEATURES

Manual filter shaker	•	•
Polyester cloth filter	•	•
Tool tray	•	•
Finger touch control panel	•	•
Hepa full indicator (ELECTRONIC)	•	•
Manometer	•	•
Ul approved	•	•
Stainless steel filter chamber	•	
Stainless steel dust container	•	
Hepa upstream filtration	•	
100 l. bin	•	•
Chassis on wheels with brakes	•	•
50 l. bin		
Main filter clogged indicator (ELECTRONIC)	•	•
Powder coated mild steel		•
Plastic bag system		
3 independent single-phase motors	•	•



## The powerful and cost-effective way to dry carpets and floors



Technical specifications	S3 120V 2400W HEPA 13 GAL VAC	S3N1 L100 AU	S3 120V 2400W HEPA 13 GAL SS V
Cord length (ft)	30	30	30
Voltage at 60 Hz (V)	120	120	120
Ip protection class	44	44	44
Insulation class	F	F	F
Rated power (KW)	2,4	2,4	2,4
Airflow, max.	270	270	270
Noise level at 3' 3" (1 m) (dB(A))	71	71	71
Tank capacity (Gal / l)	13/50	26/100	13/50
Waterlift, max. (Inches H2O)	71,5	71,5	71,5
Filter area, main (ft <sup>2</sup> )	21	21	21
Filter area, optional HEPA (ft <sup>2</sup> )	37,7	37,7	37,7
Machine Inlet (Inches)	3	3	3
Dimensions, L x W x H (Inches)	31.5x23,6x51,2	31.5x23,6x51,2	31.5x23,6x51,2
Weight (lbs)	150	157	150
Current draw, rated (A)	15,8	15,8	15,8

Technical specifications	S3 120V HEPA 26 GAL SS VAC	S3 220V 3000W 26 GAL VAC
Cord length (ft)	30	30
Voltage at 60 Hz (V)	120	120
Ip protection class	44	44
Insulation class	F	F
Rated power (KW)	2,4	2,4
Airflow, max.	270	270
Noise level at 3' 3" (1 m) (dB(A))	71	71
Tank capacity (Gal / l)	26/100	26/100
Waterlift, max. (Inches H2O)	71,5	71,5
Filter area, main (ft <sup>2</sup> )	21	21
Filter area, optional HEPA (ft <sup>2</sup> )	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)	157	157
Current draw, rated (A)	15,8	15,8





The powerful and cost-effective way to dry carpets and floors

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	S3 120V 2400W HEPA 13 GAL VAC	S3N1 L100 AU	S3 120V 2400W HEPA 13 GAL SS V
<b>Filter</b>						
	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	□	□	□
<b>Vac Nozzle Fixed</b>						
	FIXED FLOOR NOZZLE S2-S3	4056000487	1	□	□	□
<b>Round Brush Nozzle</b>						
	BRUSH DUST 50MM BLACK	4072200570	1	○	○	○

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	S3 120V HEPA 26 GAL SS VAC	S3 220V 3000W 26 GAL VAC
<b>Filter</b>					
	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	□	□
<b>Vac Nozzle Fixed</b>					
	FIXED FLOOR NOZZLE S2-S3	4056000487	1	□	□
<b>Round Brush Nozzle</b>					
	BRUSH DUST 50MM BLACK	4072200570	1	○	○





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