

# K4S






- GENERAL FEATURES**
- Overheating safety relief valve
  - Mark proof wheels with bearings
  - L-W-H filtration for hazardous dust vacuuming upon request

## MACHINE

**K4S** 4 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	60 Hz
Power	kW - HP	4,0 - 5,4	---
Input voltages Y <sup>1)</sup>	V	400	---
Current Y	A	8	---
Input voltages D <sup>2)</sup>	V	230	---
Current D	A	13,9	---
Electric protection <sup>3)</sup>		IP55	
Default factory setting	V   Hz	400   50	
Electrical cable:			
type		4G2,5 HD7RN-F	
length	m	9	
plug		16 A with phase inverter - 4 poles	
Insulation class <sup>4)</sup>		F	
Energetic class <sup>5)</sup>		IE1	
Maximum vacuum	mmHg	5.100	---
	mbar	510	---
Nominal vacuum <sup>3)</sup>	mmHg	3.300	---
	mbar	330	---
Maximum air flow	l/min	5.600	---
	m <sup>3</sup> /h	336	---
Acoustic level <sup>6)</sup>	dB (A)	75	---
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90	
Wheels material		Rubber	
Weight	kg	145	
Packing weight	kg	160	
Dimensions - L x W x H (008)	mm	1.120 x 620 x 1.450 (1.750)	
Standard packing size - L x W x H (008)	mm	1.140 x 730 x 1.610 (1.860)	
Diameters:			
material inlet	mm	70	
wheels: chassis	mm	150 - 200	
wheels: bin	mm	60	

## FILTRATION DATA

Default primary star filter			
	Surface area	cm <sup>2</sup> - m <sup>2</sup>	19.500 - 1,95
	Diameter	mm	460
	Dust Class <sup>a)</sup>   Media <sup>b)</sup>		L   Polyester
	Filter cleaning		Ergonomic manual filter shaker
Optional primary filter - cartridges kit - Variant 008			
	Surface area   Diameter	cm <sup>2</sup> - m <sup>2</sup>   mm	56.400 - 5,64   460
	Dust Class <sup>a)</sup>   Media		M   Antistatic polyester
	Compressed air consumption   pressure	lit/min   bar	48   4 + 6
	Filter cleaning		Automatic cleaning system
Upstream absolute filter - Variant 005			
	Surface area	cm <sup>2</sup> - m <sup>2</sup>	52.000 - 5,2
	Media		Glass fibre
	Dust Class <sup>a)</sup>		H14
	Efficiency M.P.P.S. <sup>1)c)</sup>		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60334-2-1; d) EN60704-2-1; e) EN60335-2-49; f) EN1822

- Notes:  
<sup>1)</sup> Other input voltages upon request  
<sup>2)</sup> Maximum vacuum in continuous run  
<sup>3)</sup> Other materials available according to the material to be vacuumed  
<sup>4)</sup> With 0,18 µm particles

## OUTFITS

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ACD	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020	R
001	AISI 304 stainless steel dust bin	R
002	AISI 304 stainless steel dust bin and filtering chamber	R
003	Entirely made out of AISI 304 stainless steel	R
004	Liquids bin level monitoring system switch off	R
005	Upstream absolute filter (HEPA)	R
006	Electric filter shaker with push-button	R
006A	Automatic electric filter shaker	R
008	Automatic reverse jet cartridge filtering system	R
008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	R
075	Bin overflowing machine switch off	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R
120	M dust class primary filter	R
320	Vulkollan wheels	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R