



info@kevac.eu
www.kevac.eu



MACHINES2CLEAN
affordable cleaning machines

K20S



GENERAL FEATURES

- Overheating safety relief valve
- Mark proof wheels with bearings
- L-M-H filtration for hazardous dust vacuuming upon request

MACHINE

K20S 21,3 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

K20S/90 21,3 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	60 Hz
Power	kW - HP	21,3 - 28,5	24,5 - 32,8
Input voltages Y ¹⁾	V	660 ... 725	...
Current Y	A	22,1	...
Input voltages D ²⁾	V	380 ... 420	440 ... 480
Current D	A	38,3	38
Electric protection ³⁾		IP55	
Default factory setting	V / Hz	400 / 50	
Electrical cable:			
type		4G10 H07RN-F	
length	m	9	
plus		63 A - 4 poles	
Insulation class ⁴⁾		F	
Energetic class ⁴⁾		IE3	
Maximum vacuum	mmtD mbar	6.500 650	6.800 680
Nominal vacuum ⁵⁾	mmtD mbar	4.400 440	4.600 460
Maximum air flow	l/min m ³ /h	19.783 1.187	23.633 1.418
Acoustic level ⁶⁾	dB (A)	78	79
Environmental working temperature	°C	3 + 40	
Dust bin capacity	l	175 - 90	
Wheels material		Polyurethane	
Weight	kg	680	
Packing weight	kg	700	
Dimensions - L x W x H (005 - 008)	175 l 90 l	2.100 x 887 x 2.165 (2.365 - 2.220)	
Standard packing size - L x W x H (005 - 008)	175 l 90 l	2.100 x 887 x 2.050 (2.250 - 2.105)	
		2.100 x 950 x 2.330 (2.530 - 2.385)	
		2.100 x 950 x 2.215 (2.415 - 2.270)	
Diameters:			
material inlet	mm	100	
air exhaust	mm	150	
wheels: chassis	mm	200 - 250	
wheels: bin	mm	100	

FILTRATION DATA

Default primary star filter		cm ² - m ²	mm
	Surface area	65.000 - 6,5	780
	Diameter		
	Dust Class ^{a)} Media ^{b)}		L Polyester
	Filter cleaning	Electric filter shaker with push-button	
Optional primary filter - cartridges kit - Variant 008		cm ² - m ² mm	
	Surface area Diameter	126.400 - 12,64 780	
	Dust Class ^{a)} Media		M Antistatic polyester
	Compressed air consumption pressure	nl/min bar	48 4 + 6
	Filter cleaning	Automatic cleaning system	
Upstream absolute filter - Variant 005		cm ² - m ²	
	Surface area	130.000 - 13	
	Media		Glass fibre
	Dust Class ^{a)}		H14
	Efficiency M.P.P.S. ^{1) a)}		99,995%

Normatives: a) IEC60529; b) IEC60086; c) IEC60334-2-1; d) EN60704-2-1; e) EN60335-2-49; f) EN1822

Notes:

¹⁾ Other input voltages upon request

²⁾ Maximum vacuum in continuous run

³⁾ Other materials available according to the material to be vacuumed

⁴⁾ With 0,18 µm particles

OUTFITS	175 l - E	90 l - E	
ACD	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020	R	R
001	AlSi 304 stainless steel dust bin	R	R
002	AlSi 304 stainless steel dust bin and filtering chamber	R	R
003	Entirely made out of AlSi 304 stainless steel	R	R
005	Upstream absolute filter (HEPA)	R	R
005S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AlSi 304 stainless steel	R	R
006	Electric filter shaker with push-button	I	I
006A	Automatic electric filter shaker	R	R
008	Automatic reverse jet cartridge filtering system	R	R
008S	Automatic reverse jet cartridge filtering system - version: AlSi 304 stainless steel	R	R
075	Bin overflowing machine switch off	R	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R	R
120	M dust class primary filter	R	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
806	Reinforced dust bin	R	R
820	Forklift forks sockets	R	R
821	Air exhaust hose fitting	R	R