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# K20P



## GENERAL FEATURES

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

## MACHINE

<b>K20P</b>	21,3 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner
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<b>K20P/90</b>	21,3 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

## TECHNICAL DATA

		50 Hz	60 Hz
<b>Power</b>	kW - HP	21,3 - 28,5	---
<b>Input voltages Y <sup>1)</sup></b>	V	660 ... 725	---
<b>Current Y</b>	A	22,1	---
<b>Input voltages D <sup>2)</sup></b>	V	380 ... 420	---
<b>Current D</b>	A	38,3	---
<b>Electric protection <sup>3)</sup></b>			IP55
<b>Default factory setting</b>	V   Hz	400   50	
<b>Electrical cable:</b>			
type		4G10 H07RN-F	
length	m	9	
plug		63 A - 4 poles	
<b>Insulation class <sup>4)</sup></b>			F
<b>Energetic class <sup>5)</sup></b>			IE3
<b>Maximum vacuum</b>	mmHg	4.500	---
	mbar	450	---
<b>Nominal vacuum <sup>5)</sup></b>	mmHg	2.500	---
	mbar	250	---
<b>Maximum air flow</b>	l/min	37.633	---
	m <sup>3</sup> /h	2.258	---
<b>Acoustic level <sup>6)</sup></b>	dB (A)	78	---
<b>Environmental working temperature</b>	°C	5 + 40	
<b>Dust bin capacity</b>	l	175 - 90	
<b>Wheels material</b>		Polyurethane	
<b>Weight</b>	kg	727	
<b>Packing weight</b>	kg	747	
<b>Dimensions - L x W x H (005 - 008)</b>	175 l 90 l	2.100 x 887 x 2.165 (2.365 - 2.220)	
		2.100 x 887 x 2.050 (2.250 - 2.105)	
<b>Standard packing size - L x W x H (005 - 008)</b>	175 l 90 l	2.100 x 950 x 2.330 (2.530 - 2.385)	
		2.100 x 950 x 2.215 (2.415 - 2.270)	
<b>Diameters:</b>			
material inlet	mm	100	
air exhaust	mm	150	
wheels: chassis	mm	200 - 250	
wheels: bin	mm	100	

## FILTRATION DATA

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

Normatives: a) IEC60529; b) IEC60005; c) IEC60334-2-1; d) EN60704-2-1; e) EN60335-2-69; 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

		175 l - E	90 l - E
<b>ACD</b>	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020	R	R
<b>001</b>	AISI 304 stainless steel dust bin	R	R
<b>002</b>	AISI 304 stainless steel dust bin and filtering chamber	R	R
<b>003</b>	Entirely made out of AISI 304 stainless steel	R	R
<b>005</b>	Upstream absolute filter (HEPA)	R	R
<b>005S5</b>	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	R	R
<b>006</b>	Electric filter shaker with push-button	I	I
<b>006A</b>	Automatic electric filter shaker	R	R
<b>008</b>	Automatic reverse jet cartridge filtering system	R	R
<b>008S5</b>	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	R	R
<b>075</b>	Bin overfilling machine switch off	R	R
<b>104</b>	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R	R
<b>120</b>	M dust class primary filter	R	R
<b>403</b>	Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
<b>806</b>	Reinforced dust bin	R	R
<b>820</b>	Forklift forks sockets	R	R
<b>821</b>	Air exhaust hose fitting	R	R