

K4P



GENERAL FEATURES

- Overheating safety relief valve
- Wash proof wheels with bearings
- L-MH filtration for hazardous dust vacuuming upon request

MACHINE

K4P 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 ¹⁾	V	400	---
Current Y	A	8	---
Input voltages D ¹⁾	V	230	---
Current D	A	13,9	---
Electric protection ²⁾			IP55
Default factory setting	Y Ib	400 50	
Electrical cable:			
type		4G2,5 H07RN-F	
length	m	9	
plug		16 A with phase inverter - 4 poles	
Insulation class ³⁾			F
Energetic class ⁴⁾			IE1
Maximum vacuum	mmH ₂ O	2.600	---
	mbar	260	---
Nominal vacuum ⁵⁾	mmH ₂ O	1.800	---
	mbar	180	---
Maximum air flow	l/min	9.100	---
	m ³ /h	546	---
Acoustic level ⁶⁾	dB (A)	74	---
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 ² - m ²	19.500 - 1,95
	Diameter	mm	460
	Dust Class ^{a)} Media ^{b)}		L Polyester
	Filter cleaning		Ergonomic manual filter shaker
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm ² - m ² mm	56.400 - 5,64 460
	Dust Class ^{a)} Media		M Antistatic polyester
	Compressed air consumption pressure	nl/min bar	4B 4 + 6
Filter cleaning			Automatic cleaning system
	Upstream absolute filter - Variant 005		
	Surface area	cm ² - m ²	52.000 - 5,2
	Media		Glass Fibre
	Dust Class ^{b)}		H14
Efficiency M.P.P.S. ^{1) a)}			99,995%

Normatives: a) IEC60529; b) IEC60085; 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

		£
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
004	Electric filter shaker with push-button	R
004A	Automatic electric filter shaker	R
008	Automatic reverse jet cartridge filtering system	X
008S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	X
075	Bin overfilling 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