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MACHINES2CLEAN
Cleaning up!

KB2.100



GENERAL FEATURES
• Discharging safety relief valve
• Vacuumize upon request
• L-M-F filtration for hazardous dust vacuuming upon request




MACHINE

KB2.100	2,2 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter single phase industrial vacuum cleaner
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KB2/50.100	2,2 kW, 50 l capacity, blue RAL 5012 painted, 460 mm diameter single phase industrial vacuum cleaner
...	...

TECHNICAL DATA

		50 Hz	60 Hz
Power	kW - HP	2,2 - 2,9	---
Input voltages Y ¹⁾	V	230	---
Current Y	A	15	---
Input voltages D ¹⁾	V	---	---
Current D	A	---	---
Electric protection ²⁾			IP55
Default factory setting	V Hz	230 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	mmHg	2.650	---
	mbar	265	---
Nominal vacuum ⁵⁾	mmHg	2.000	---
	mbar	200	---
Maximum air flow	l/min	5.600	---
	m ³ /h	336	---
Acoustic level ⁶⁾	dB (A)	70	---
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90 - 50	
Wheels material		Rubber	
Weight	kg	115	
Packing weight	kg	130	
Dimensions - L x W x H (OoB)	90l mm	990 x 650 x 1.440 (1.740)	
	50l mm	990 x 650 x 1.220 (1.520)	
Standard packing size - L x W x H (OoB)	90l mm	1.140 x 730 x 1.610 (1.850)	
	50l mm	1.140 x 730 x 1.610 (1.830)	
Diameters:			
material inlet	mm	70	
air exhaust	mm	100	
wheels: chassis	mm	150 - 200	
wheels: bin	mm	60	

FILTRATION DATA

		cm ² - m ²	
Default primary star filter			
	Surface area	19.500	- 1,95
	Diameter	460	
	Dust Class ¹⁾ Media ²⁾	L Polyester	
	Filter cleaning	Manual filter shaker	
Optional primary filter - cartridges kit - Variant 008			
	Surface area Diameter	56.400 - 5,64	460
	Dust Class ¹⁾ Media	M Antistatic polyester	
	Compressed air consumption pressure	48 4 + 6	
	Filter cleaning	Automatic cleaning system	
Upstream absolute filter - Variant 005			
	Surface area	28.000	- 2,8
	Media	Glass fibre	
	Dust Class ³⁾	H14	
	Efficiency M.P.P.S. ¹⁾⁴⁾	99,995%	

Normatives: a) IEC60529; b) IEC60008; c) IEC60034-2-1; d) EN60704-2-1; e) EN60335-2-69; 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		90l - E	50l - E
ACD	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020	R	R
001	AISI 304 stainless steel dust bin	R	R
002	AISI 304 stainless steel dust bin and filtering chamber	R	R
003	Entirely made out of AISI 304 stainless steel	R	R
004	Liquids bin level monitoring system switch off	R	R
005	Upstream absolute filter (HEPA)	R	R
006	Electric filter shaker with push-button	R	R
006A	Automatic electric filter shaker	R	R
008	Automatic reverse jet cartridge filtering system	R	R
008S	Automatic reverse jet cartridge filtering system - version: AISI 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
320	Vulkollan wheels	R	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
800	Material inlet fitted on castor wheels side	R	X
821	Air exhaust hose fitting	R	R
MARKWH	Mark proof wheels with bearings	R	R

Please specify your requirements for pricing info@machines2clean.com 01236-782222.