

KB3






- GENERAL FEATURES**
- Overheating safety relief valve
 - Vacuumeter upon request
 - L-WH filtration for hazardous dust vacuuming upon request

MACHINE

KB3	3 kW, 90 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner
KB3/50	3 kW, 50 l capacity, blue RAL 5012 painted, 460 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	60 Hz
Power	kW - HP	3,0 - 4,0	3,6 - 4,8
Input voltages Y ¹⁾	V	400	380
Current Y	A	6,5	7,4
Input voltages D ¹⁾	V	230	220
Current D	A	11,3	12,8
Electric protection ²⁾		IP55	
Default factory setting	V / Hz	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	mmHg	3.200	3.700
	mbar	320	370
Nominal vacuum ⁵⁾	mmHg	2.400	2.400
	mbar	240	240
Maximum air flow	l/min	5.600	6.300
	m ³ /h	336	378
Acoustic level ⁶⁾	dB (A)	73	74
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	90 - 50	
Wheels material		Rubber	
Weight	kg	116	
Packing weight	kg	131	
Dimensions - L x W x H (008)	90 l	990 x 650 x 1.440 (1.740)	
	50 l	990 x 650 x 1.220 (1.520)	
Standard packing size - L x W x H (008)	90 l	1.140 x 730 x 1.610 (1.850)	
	50 l	1.140 x 730 x 1.610 (1.630)	
Diameters:			
material inlet	mm	70	
air exhaust	mm	100	
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 ¹⁾ Media ²⁾		L Polyester
	Filter cleaning		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 ¹⁾ Media		M Antistatic polyester
	Compressed air consumption pressure	nl/min bar	48 4 + 6
	Filter cleaning		Automatic cleaning system
Upstream absolute filter - Variant 005			
	Surface area	cm ² - m ²	28.000 - 2,8
	Media		Glass Fibre
	Dust Class ³⁾		H14
	Efficiency ΔP , P.S. ^{1/4)}		99,995%

Normatives: a) IEC60529; b) IEC60085; 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 0,10 µm particles

OUTFITS		90 l - €	50 l - €
ACD	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020	R	R
001	ASIS 304 stainless steel dust bin	R	R
002	ASIS 304 stainless steel dust bin and filtering chamber	R	R
003	Entirely made out of ASIS 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: ASIS 304 stainless steel	R	R
075	Bin overfilling 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	X	X
821	Air exhaust hose fitting	R	R
MARKWH	Mark proof wheels with bearings	R	R