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MACHINES2CLEAN
affordable cleaning machines

K13



GENERAL FEATURES

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

MACHINE

K13 12,5 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

K13/90 12,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	60
Power	kW - HP	12,5 - 16,8	14,5
Input voltages Y ¹⁾	V	600 ... 720	..
Current Y	A	16,1	..
Input voltages D ²⁾	V	345 ... 415	380 ..
Current D	A	28	2
Electric protection ³⁾			IP55
Default factory setting	V Hz		400 50
Electrical cable:			
type			4G6 H07RN-F
length	m		9
plug			32 A with phase inverter - 4 poles
Insulation class ⁴⁾			F
Energetic class ⁵⁾			IE1
Maximum vacuum	mmHg	4.500	5,2
	mbar	450	5;
Nominal vacuum ²⁾	mmHg	2.900	2,7
	mbar	290	2;
Maximum air flow	l/min	19.683	23.
	m ³ /h	1.181	1,3
Acoustic level ⁶⁾	dB (A)	78	7
Environmental working temperature	°C		5 + 40
Dust bin capacity	l		175 - 90
Wheels material			Polyurethane
Weight	kg		432
Packing weight	kg		452
Dimensions - L x W x H (005 - 008)	175 l 90 l	mm	1.450 x 710 x 1.880 (2.080 - 2.180) 1.450 x 710 x 1.772 (1.942 - 2.072)
Standard packing size - L x W x H (005 - 008)	175 l 90 l	mm	1.600 x 800 x 1.990 (2.190 - 2.290) 1.600 x 800 x 1.882 (2.052 - 2.182)
Diameters:			
material inlet	mm		100
air exhaust	mm		150
wheels: chassis	mm		200 - 250
wheels: bin	mm		100

FILTRATION DATA

	Default primary star filter		
	Surface area	cm ² - m ²	35.000 - 3,5
	Diameter	mm	560
	Dust Class ^{a)} Media ^{b)}		L Polyester
	Filter cleaning		Ergonomic manual filter shaker
	Optional primary filter - cartridges K1 - Variant 008		
	Surface area Diameter	cm ² - m ² mm	94.800 - 9,48 560
	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		
	Surface area	cm ² - m ²	120.000 - 12
	Media		Glass fibre
	Dust Class ^{b)}		H14
	Efficiency M.P.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 0,18 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	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 AISI 304 stainless steel	R	R
005	Upstream absolute filter (HEPA)	R	R
005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	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
008SS	Automatic reverse jet cartridge filtering system - version: AISI 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
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
806	Reinforced dust bin	R	R
820	Forklift forklift sockets	R	R
821	Air exhaust hose fitting	R	R