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K13/78



GENERAL FEATURES

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

MACHINE




K13/78 12,5 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

K13/78/90 12,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

		50 Hz	60 Hz
Power	kW - HP	12,5 - 16,8	14,5 - 19,4
Input voltages Y ¹⁾	V	400 - 720	---
Current Y	A	16,1	---
Input voltages D ²⁾	V	345 - 415	380 - 480
Current D	A	28	29
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	5.250
	mbar	450	525
Nominal vacuum ⁶⁾	mmHg	2.900	2.700
	mbar	290	270
Maximum air flow	L/min	19.683	23.183
	m ³ /h	1.181	1.391
Acoustic level ⁷⁾	dB (A)	78	79
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	175 - 90	
Wheels material		Polyurethane	
Weight	kg	457	
Packing weight	kg	477	
Dimensions - L x W x H (005 - 008)	175 l	1.720 x 880 x 2.165 (2.365 - 2.220)	
	90 l	1.720 x 880 x 2.050 (2.250 - 2.105)	
Standard packing size - L x W x H (005 - 008)	175 l	1.800 x 950 x 2.305 (2.505 - 2.360)	
	90 l	1.800 x 950 x 2.190 (2.390 - 2.245)	
Diameters:			
material inlet	mm	100	
air exhaust	mm	150	
wheels; chassis	mm	200 - 230	
wheels; bin	mm	100	

FILTRATION DATA

	Default primary star filter		
	Surface area	cm ² - m ²	65.000 - 6,5
	Diameter	mm	780
	Dust Class ¹⁾ Media ²⁾		L1 Polyester
	Filter cleaning		Electric filter shaker with push-button
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm ² - m ² mm	126.400 - 12,64 780
	Dust Class ¹⁾ Media		M Antistatic polyester
	Compressed air consumption pressure	l/min bar	48 4 + 6
	Filter cleaning		Automatic cleaning system
	Upstream absolute filter - Variant 005		
	Surface area	cm ² - m ²	130.000 - 13
	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) EN60335-2-49; 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⁾ max 0,1 µm particle

OUTFITS		175 l - €	90 l - €
ACD	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020		R
001	AlSi 304 stainless steel dust bin		R
002	AlSi 304 stainless steel dust bin and filtering chamber		R
003	Entirely made out of AlSi 304 stainless steel		R
005	Upstream absolute filter (HEPA)		R
005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AlSi 304 stainless steel		R
006	Electric filter shaker with push-button		I
006A	Automatic electric filter shaker		R
008	Automatic reverse jet cartridge filtering system		R
008SS	Automatic reverse jet cartridge filtering system - version: AlSi 304 stainless steel		R
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
403	Disposal bag vacuum balance system for dust collection directly into plastic bags		R
806	Reinforced dust bin		R
820	Facilité fork sockets		R
821	Air exhaust hose fitting		R