



info@kevac.eu
www.kevac.eu



MACHINES2CLEAN
affordable cleaning machines

K18/78



GENERAL FEATURES

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




MACHINE

K18/78 18,5 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

K18/78/90 18,5 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	18,5 - 24,8	21,3 - 28,5
Input voltages Y ¹⁾	V	600 ... 720	---
Current Y	A	21	---
Input voltages D ¹⁾	V	345 ... 415	380 ... 480
Current D	A	37	39
Electric protection ⁴⁾		IP55	
Default factory setting	V / Hz	400 / 50	
Electrical cable:			
type		4G10 H07RN-F	
length	m	9	
plug		63 A - 4 poles	
Insulation class ⁵⁾		F	
Energetic class ⁶⁾		IE1	
Maximum vacuum	mmHg mbar	4.000 400	5.000 500
Nominal vacuum ¹⁾	mmHg mbar	3.200 320	3.400 340
Maximum air flow	l/min m ³ /h	23.183 1.391	28.000 1.680
Acoustic level ⁷⁾	dB (A)	78	79
Environmental working temperature	°C	5 - 40	
Dust bin capacity	l	175 - 90	
Wheels material		Polyurethane	
Weight	kg	532	
Packing weight	kg	552	
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)	
	175 l	1.800 x 950 x 2.305 (2.505 - 2.360)	
Standard packing size - L x W x H (005 - 008)	175 l	1.800 x 950 x 2.190 (2.390 - 2.245)	
	90 l		
	175 l		
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	65.000 - 6,5
	Diameter	mm	780
	Dust Class ¹⁾ Media ²⁾		L 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	nl/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) IEC60068; c) IEC60034-2-1; d) EN61704-2-1; e) EN61350-2-4f; 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 - €	90 l - €
ACD Appliance for combustible dust vacuuming according to IEC 60335-2-49 ED4 - 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
005 Upstream absolute filter (HEPA)	R	R
005S5 Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	R	R
004 Electric filter shaker with push-button	R	L
004A Automatic electric filter shaker	R	R
008 Automatic reverse jet cartridge filtering system	R	R
008S5 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
603 Disposal bag vacuum balance system for dust collection directly into plastic bags	R	R
806 Reinforced dust bin	R	R
820 Forklift forks sockets	R	R
821 Air exhaust hose fitting	R	R