

K18/78M.022B

3~    IP55
ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

- Overheating safety relief valve
- Antistatic wheels
- H filtration for hazardous dust vacuuming upon request

MACHINE

K18/78M.022B	18,5 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner
K18/78/90M.022B	18,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	
Power	kW - HP	18,5 - 24,8	
Input voltages Y ¹⁾	V	600 ... 720	
Current Y	A	21	
Input voltages D ¹⁾	V	345 ... 415	
Current D	A	37	
Electric protection ²⁾			IP55
Default factory setting	V Hz	400 50	
Electrical cable:			
type			4G10 H07RN-F
length	m		9 m
plug			Not supplied
Insulation class ³⁾			F
Energetic class ⁴⁾			IE1
ATEX Mark ⁵⁾			II3D - Ex h Ic IIIB T 135°C Dc
Maximum vacuum	mmH ₂ O	4.000	
	mbar	400	
Nominal vacuum ²⁾	mmH ₂ O	3.200	
	mbar	320	
Maximum air flow	l/min	23.183	
	m ³ /h	1.391	
Acoustic level ⁶⁾	dB (A)	78	
Environmental working temperature	°C		5 ± 40
Dust bin capacity	l		175 - 90
Wheels material			Polyurethane
Weight	kg		537
Packing weight	kg		557
Dimensions - L x W x H (005 - 008)	mm		1.720 x 880 x 2.165 (2.365 - 2.220)
Standard packing size - L x W x H (005 - 008)	mm		1.800 x 950 x 2.305 (2.505 - 2.360)
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⁾		M Antistatic 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. ⁴⁾		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) 2014/34/UE; e) EN60704-2-1; f) EN60335-2-49; g) EN1822

Notes:

¹⁾ Other input voltages upon request²⁾ Maximum vacuum in continuous run³⁾ Other materials available according to the material to be vacuumed⁴⁾ With 0,18 µm particles

OUTFITS	1751 - €	901 - €
001	AISI 304 stainless steel dust bin	R
002	AISI 304 stainless steel dust bin and filtering chamber	R
003	Entirely made out of AISI 304 stainless steel	R
005	Upstream absolute filter (HEPA)	R
005SS	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 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: AISI 304 stainless steel	R
044	Bin overfilling machine switch off	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R
804	Reinforced dust bin	R
820	Forklift forks socket	R
821	Air exhaust hose fitting	R

LEGEND:

R = Price upon request

I = Included

X = Not available