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MACHINES2CLEAN
affordable cleaning machines

K15/78



GENERAL FEATURES

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

MACHINE

K15/78 15 kW, 175 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

K15/78/90 15 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA

Power	kW-HP	15,0 - 20,45	17,3 - 23,59
Input voltages Y ¹⁾	V	---	---
Current Y	A	---	---
Input voltages D ²⁾	V	345 ... 415	380 ... 480
Current D	A	33,2	33,9
Electric protection ³⁾		IP55	
Default factory setting	V / Hz	400 / 50	
Electrical cable:			
type		4G10 H07RN-F	
length	m	9	
plug		63 A - 4 poles	
Insulation class ⁴⁾		F	
Energetic class ⁴⁾		IE1	
Maximum vacuum	mmtO	4.750	6.000
	mbar	475	600
Nominal vacuum ⁵⁾	mmtO	3.150	2.450
	mbar	315	245
Maximum air flow	l/min	21.000	25.383
	m ³ /h	1.260	1.523
Acoustic level ⁶⁾	dB (A)	78	79
Environmental working temperature	°C	5 + 40	
Dust bin capacity	l	175 - 90	
Wheels material		Polyurethane	
Weight	kg	441	
Packing weight	kg	461	
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 - 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 ^{a)} Media ^{b)}		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	136.400 - 12.64 780
	Dust Class ^{a)} Media		M Antistatic polyester
	Compressed air consumption pressure	dl/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 ^{a)}		H14
	Efficiency M.P.P.S. ^{c), d)}		99,995%

Normatives: a) IEC60529; b) IEC60085; c) IEC60334-2-1; d) EN60704-2-1; e) EN60315-2-44; 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 5,18 µm particle

OUTFITS	175 l - €	90 l - €
ACD Appliance for combustible dust vacuuming according to IEC 60335-2-49 ED6: 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
00555 Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	R	R
006 Electric filter shaker with push-button	I	I
006A Automatic electric filter shaker	R	R
008 Automatic reverse jet cartridge filtering system	R	R
00855 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