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MACHINES2CLEAN
affordable cleaning machines

KC.083



GENERAL FEATURES

- Vacuum gauge
- L-M-H filtration for hazardous dust vacuuming upon request

MACHINE

KC.083 90 l capacity, blue RAL 5012 painted 460 mm diameter compressed air driven industrial vacuum cleaner

TECHNICAL DATA

Input compressed air		
Air flow required	nl/min	3.000
Pressure required	bar	4 ÷ 9
Antistatic hose:		
inner diameter	mm	19
length	m	6
Maximum vacuum ¹⁾		
	mmHg	4.500
	mbar	450
Maximum air flow ¹⁾		
	l/min	6.800
	m ³ /h	408
Acoustic level ²⁾	dB (A)	75
Environmental working temperature		
	°C	5 ÷ 40
Dust bin capacity	l	90
Wheels material		Rubber
Weight	kg	65
Packing weight	kg	74
Dimensions - L x W x H	mm	705 x 603 x 1.420 (1.720)
Standard packing size - L x W x H	mm	740 x 730 x 1.610 (1.830)
Diameters:		
material inlet	mm	70
wheels: rear front	mm	150 - 200
wheels: bin	mm	60

FILTRATION DATA

• Default primary star filter			
	Surface area	cm ² - m ²	19.500 - 1,95
	Diameter	mm	460
	Dust Class ^{a)} Media ^{b)}		L Polyester
	Filter cleaning		Ergonomic manual filter shaker
• Optional primary filter - cartridges kit - Variant 008			
	Surface area Diameter	cm ² - m ² mm	56.400 - 5,64 460
	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	28.000 - 2,8
	Media		Glass fibre
	Dust Class ^{b)}		H14
	Efficiency M.P.P.S. ^{c)} ^{d)}		99,995%

Normatives: a) EN60704-2-1; b) EN60335-2-49; c) EN1822

Notes:

¹⁾ Measured at 6 bar

²⁾ Maximum vacuum in continuous run

³⁾ Other materials available according to the material to be vacuumed

⁴⁾ With 0,18 µm particles

OUTFITS

		£
ACD	Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 - 2020	R
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) with M dust class primary filter	R
008	Automatic reverse jet cartridge filtering system	R
008SS	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	R
120	M dust class primary filter	R
320	Vulkollan wheels	R
MARKWH	Mark proof wheels with bearings	R