

IVS 100/55 M Z22

The IVS 100/55 M Z22 is a robust industrial vacuum, developed especially for dusts in Zone 22. It is driven by a side channel blower, which allows this machine to be used continuously.



Order no.

9.987-899.0

- Suitable for use in ATEX zone 22
- Wear-free side channel blower, user-friendly set-down mechanism

Technical data

EAN code		4054278267579
Number of current phases	Ph	3
Voltage	V	400
Frequency	Hz	50
Air flow	l/s / m³/h	156 / 560
Vacuum	mbar / kPa	240 / 24
Container capacity	l	100
Container material		Stainless steel
Rated input power	kW	5.5
Vacuuming type		Electric
Nominal size		DN 70
Accessory nominal size		DN 70 / DN 50
Sound pressure level	dB(A)	77
Cable length	m	8
Main filter dust class		M
Filter area for main filter	m²	2.2
Weight without accessories	kg	157
Weight incl. packaging	kg	157.9
Dimensions (L × W × H)	mm	1202 × 686 × 1500

This machine requires instruction.

Equipment

Accessories included with machine: no
Container emptying: Set down chassis



Certified for ATEX Zone 22

- Explosion-proof industrial vacuum for safe vacuuming in ATEX Zone 22.



Dust class M

- Complete device certified according to DIN EN 60335-2-69 for dust class M.



Wear-resistant side channel compressor

- With 5.5 kW power and soft start for large quantities of dust and solids.
- For strong suction power and service life of at least 20,000 hours.
- Suitable for multiple shift operation and/or with multiple suction points.

EQUIPMENT FOR IVS 100/55 M Z22

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		Order no.	Description	
FILTERS				
Pocket- / Star filters				
Filter white IVS 100	1	9.439-542.0		■
EMPTYING SUPPORTS				
Disposal bags				
PE emptying bag dia. 540 mm 100 l	2	9.979-512.0	Our VehiclePro Active Foam Wash Nano RM 816 Classic is a high-cleaning active foam with lotus effect for cleaning cars in vehicle wash systems. RM 816 Classic effectively removes grease, oil and dirt caused by emissions as well as insect residue. The active foam prepares for drying, creates a nanostructured surface and is therefore perfectly matched to subsequent treatment with the VehiclePro Gloss Dryer Nano RM 832 Classic. Thanks to its wax compatibility, streaking on the lacquer surface is reliably prevented. In addition, the easily separable foam cleaner also supports brush sliding ability, thus protecting the paintwork, and significantly reduces resoiling of the brushes in the system, which means that it can also be used as a brush shampoo. Surfactants contained are biodegradable in accordance with the OECD.	■
OTHER ACCESSORIES				
IV tube holder Set	3	9.989-789.0	Universal accessories holder for simple storage of suction tubes directly on industrial vacuums from the IVC, IVM and IVS product lines from Kärcher.	■
HANDLES				
Hand grip curved 45°, DN 72	4	9.977-677.0		□
SUCTION TUBES				
Suction tube, screw connection	5	9.981-910.0	Electroconductive extension tube, internal cone DN 70, 850 mm total length.	□
NOZZLES				
Standard nozzles				
Standard nozzle PVC DN70	6	9.989-676.0	Electroconductive standard PVC nozzle. DN 70.	□
Standard nozzle Silicone DN70	7	9.989-672.0	Electroconductive standard silicone nozzle. DN 70.	□
Standard nozzle Alu DN70	8	9.989-663.0	Standard nozzle made from aluminium. Electroconductive. DN 70.	□
Standard nozzles bendable				
Standard nozzle flexible PVC DN70	9	9.981-422.0	Flexible, electroconductive standard nozzle, DN 70, with rubber mouthpiece.	□
HOSES				
PVC				
Hose PVC DN70 3 m	10	9.989-635.0	Electroconductive PVC hose, DN 70. Temperature-resistant up to 85 °C. Length: 3 m.	□
Hose PVC DN70 5 m	11	9.989-643.0	PVC hose, DN 70. Temperature-resistant up to 85 °C and electroconductive. Length: 5 m.	□
EVA				
Hose EVA DN70 3 m	12	9.989-613.0	Electroconductive EVA hose, DN 70. Temperature-resistant up to 65 °C. Length: 3 m.	□
Hose EVA DN70 5 m	13	9.989-624.0	Electroconductive EVA hose, DN 70. Temperature-resistant up to 65 °C. Length: 5 m.	□
PU				
Hose PU DN70 3 m	14	9.989-644.0	Oil-resistant, electroconductive PU hose, DN 70. Temperature-resistant up to 80 °C, suitable for abrasive suction media. Length: 3 m.	□

■ Included in delivery. □ Available accessories.

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		Order no.	Description	
HOSES				
PU				
Hose PU DN70 5 m	15	9.989-645.0	Oil-resistant, electroconductive PU hose, DN 70. Temperature-resistant up to 80 °C, suitable for abrasive suction media. Length: 5 m.	☐
ME-PU				
Hose ME-PU DN70 3 m	16	9.989-646.0	Oil-resistant, electroconductive ME-PU hose, DN 70. Temperature-resistant up to 110 °C, suitable for abrasive suction media. Length: 3 m.	☐
Hose ME-PU DN70 5 m	17	9.989-648.0	Oil-resistant, electroconductive ME-PU hose, DN 70. Temperature-resistant up to 110 °C, suitable for abrasive suction media. Length: 5 m.	☐

☐ Available accessories.