IVS 100/75 M Z22

With 7.5 kW, the IVS 100/75 M Z22 super-class industrial vacuum features the most powerful side channel blower in our range. Explosion-proof machine for Zone 22 with dust class M certificate.

Made in Germany

CERTIFIED ACCORDING TO DIR 2014/34/EU

0–24 h

Order no.	9.987-900.0

- Suitable for use in ATEX zone 22
- 100-litre container, filter class M, 7.5 kW drive
- Wear-free side channel blower, user-friendly set-down mechanism

Technical data

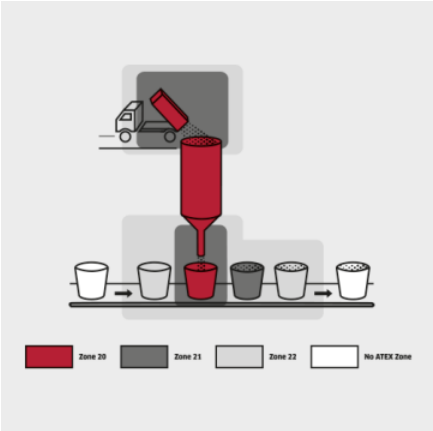
EAN code		4054278267586
Number of current phases	**Ph**	3
Voltage	**V**	400
Frequency	**Hz**	50
Air flow	**l/s / m³/h**	156 / 562
Vacuum	**mbar / kPa**	325 / 32.5
Container capacity	**l**	100
Container material		Stainless steel
Rated input power	**kW**	7.5
Vacuuming type		Electric
Connection nominal diameter		DN 70
Accessory nominal diameter		DN 70 / DN 50
Sound pressure level	**dB(A)**	73
Cable length	**m**	8
Main filter dust class		M
Filter area for main filter	**m²**	2.2
Weight without accessories	**kg**	180
Weight incl. packaging	**kg**	180.9
Dimensions (L × W × H)	**mm**	1202 × 686 × 1495

This machine requires instruction.

Equipment

Accessories included in the scope of delivery: no

Container emptying: Set-down trolley



Suitable for zone 22

- IVS Ex vacuums guarantee the highest level of safety thanks to the latest technology.
- Reliable vacuuming of substances which could put health at risk such as explosive dusts.

Soft start to protect the mains supply

- Low starting current prevents power supply voltage dips.
- Low energy peaks ensure lower energy costs.
- Only low machine fuse protection necessary. (Up to 5.5 A,16 A fuse protection is sufficient.)

User-friendly set-down mechanism

- Easy and time-saving container removal directly on the handle.
- The practical container handle serves as an aid for pulling and pushing the machine to the emptying point.
- Large industrial rollers ensure maximum mobility even on uneven floors and under heavy load.

IVS 100/75 M Z22, 9.987-900.0, 2026-09-18

ACCESSORIES FOR IVS 100/75 M Z22
9.987-900.0

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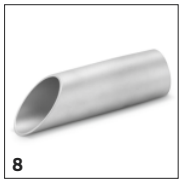
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		Order no.	Description	
FILTERS				
Bag/star filter				
Star filter PE/PTFE el. M 2.2 m²	1	9.439-542.0		■
EMPTYING SUPPORTS				
Emptying bags				
PE emptying bag dia. 540 mm 100 l	2	9.979-512.0		■
OTHER ACCESSORIES				
Universal accessories holder	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				
Handle DN 70	4	9.977-677.0		☐
SUCTION TUBES				
Suction tube 850 mm DN 70	5	9.981-910.0	Electroconductive extension tube, internal cone DN 70, 850 mm total length.	☐
NOZZLES				
Standard nozzles				
Standard PVC nozzle DN70	6	9.989-676.0	Electroconductive standard PVC nozzle. DN 70.	☐
Standard silicone nozzle DN70	7	9.989-672.0	Electroconductive standard silicone nozzle. DN 70.	☐
Standard aluminium nozzle DN70	8	9.989-663.0	Standard nozzle made from aluminium. Electroconductive. DN 70.	☐
Flexible standard nozzles				
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 hoses				
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 hoses				
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 the scope of supply. ☐ Available accessories.

ACCESSORIES FOR IVS 100/75 M Z22
9.987-900.0

14–15

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		Order no.	Description	
HOSES				
PU hoses				
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-hoses				
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.