

## IVM 40/12-1 M Z22 SET

Middle class industrial vacuum cleaner set, including accessories, fitted with a dust class M star filter and EC turbine, for vacuuming fine and coarse solids in ATEX zone 22.



Made in Germany



Order no.

9.990-994.0

- Suitable for use in ATEX zone 22
- Low-wear EC turbine

### Technical data

EAN code		4066529215987
Number of current phases	Ph	1
Voltage	V	220 - 240
Frequency	Hz	50 - 60
Air flow	l/s / m³/h	49.4 / 178
Vacuum	mbar / kPa	239 / 23.9
Container capacity	l	40
Container material		Stainless steel
Rated input power	kW	1 × 1.2
Vacuuming type		Electric
Nominal size		DN 70
Accessory nominal size		DN 40
Sound pressure level	dB(A)	73
Main filter dust class		M
Filter area for main filter	m²	1.6
Weight without accessories	kg	52.6
Weight incl. packaging	kg	53.4
Dimensions (L × W × H)	mm	645 × 655 × 1140



### 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.



### Low-wear EC turbine

- Brushless design for low-wear operation.
- Suitable for three-shift operation thanks to a minimum service life of 5000 hours.

## EQUIPMENT FOR IVM 40/12-1 M Z22 SET

### 9.990-994.0



	Order no.	Description	
<b>NOZZLES</b>			
<b>Standard nozzles</b>			
Standard nozzle silicon FDA transparent	1	9.989-838.0	<input checked="" type="checkbox"/>
Standard nozzle silicon FDA blue DN-F40	2	9.989-835.0	<input type="checkbox"/>
Standard nozzle silicon FDA green DN-F40	3	9.989-836.0	<input type="checkbox"/>
Standard nozzle silicon FDA red DN-F40	4	9.989-837.0	<input type="checkbox"/>
Standard nozzle silicon FDA white DN-F40	5	9.989-839.0	<input type="checkbox"/>
Standard nozzle silicon FDA yellow DN-F4	6	9.989-840.0	<input type="checkbox"/>
Standard nozzle PVC DN40	7	9.989-674.0	Electroconductive standard PVC nozzle. DN 40. <input type="checkbox"/>
Nozzle elastic silicon DN42	8	9.988-401.0	Stretchy standard nozzle made from silicone, inner cone DN 40. <input type="checkbox"/>
Standard nozzle rubber cuttable DN40	9	9.989-677.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 40. <input type="checkbox"/>
Standard aluminium nozzle DN40	10	9.980-748.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 40. <input type="checkbox"/>
<b>Standard nozzles bendable</b>			
Nozzle, zinc coated, flexible, with rubber tip	11	9.981-420.0	Electroconductive, flexible round nozzle made from galvanised steel, with rubber mouthpiece DN 30. <input type="checkbox"/>
<b>Floor nozzles</b>			
Bottom nozzle stainless steel AISI 316L	12	9.989-861.0	<input type="checkbox"/>
Floor nozzle stainless steel AISI 316L g	13	9.989-863.0	<input type="checkbox"/>
Floor nozzle stainless steel AISI 316L r	14	9.989-865.0	<input type="checkbox"/>

■ Included in delivery. □ Available accessories.

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	Order no.	Description		
<b>NOZZLES</b>				
<b>Floor nozzles</b>				
Floor nozzle stainless steel AISI 316L t	15	9.989-867.0	<input type="checkbox"/>	
Floor nozzle stainless steel AISI 316L w	16	9.989-869.0	<input type="checkbox"/>	
Floor nozzle stainless steel AISI 316L y	17	9.989-871.0	<input type="checkbox"/>	
Floor nozzle stainless steel AISI 304 40	18	9.989-914.0	<input type="checkbox"/>	
Floor nozzle stainless steel 400 mm DN-F	19	9.989-934.0	<input type="checkbox"/>	
Floor nozzle aluminium 400 mm DN-F40	20	9.989-936.0	<input type="checkbox"/>	
Floor nozzle Alu 370 mm DN40	21	9.989-683.0	Floor nozzle, 370 mm, made from aluminium. DN 40.	<input type="checkbox"/>
Floor nozzle Alu el 370 mm DN40	22	9.989-682.0	Floor nozzle, 370 mm, made from aluminium. Electroconductive. DN 40.	<input type="checkbox"/>
<b>Lane nozzles</b>				
Lane nozzle set	23	9.991-032.0	<input type="checkbox"/>	
<b>Crevice nozzles</b>				
Crevice nozzle stainless steel DN40	24	9.989-282.0	<input type="checkbox"/>	
Crevice nozzle, lightweight plastic	25	9.988-116.0	Electroconductive, flat multi-purpose crevice nozzle made from plastic, DN 42.	<input type="checkbox"/>
<b>Crevice nozzles bendable</b>				
Standard nozzle flexible Silikon FDA tra	26	9.989-848.0	<input type="checkbox"/>	
Crevice nozzle, zinc coated, flexible	27	9.981-423.0	Flexible and electroconductive crevice nozzle made from galvanised steel with 20 mm slot width, DN 40.	<input type="checkbox"/>
<b>Surface nozzles</b>				
Rubber nozzle silicon FDA blue DN-F40	28	9.989-849.0	<input type="checkbox"/>	

Available accessories.

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	Order no.	Description	
<b>NOZZLES</b>			
<b>Surface nozzles</b>			
Standard nozzle silicon FDA blue DN-F40	29	9.989-851.0	<input type="checkbox"/>
	30	9.989-853.0	<input type="checkbox"/>
	31	9.989-855.0	<input type="checkbox"/>
	32	9.989-857.0	<input type="checkbox"/>
	33	9.989-859.0	<input type="checkbox"/>
Nozzle with connecting piece 90° DN40	34	9.988-118.0	Electroconductive rubber nozzle, angled, DN 40, suitable for use with foods. <input type="checkbox"/>
<b>HOSES</b>			
<b>PVC</b>			
Hose PVC DN40 3 m	35	9.989-962.0	<input checked="" type="checkbox"/>
Hose PVC DN40 5 m	36	9.989-963.0	<input type="checkbox"/>
Hose PVC DN40 3 m	37	9.989-647.0	PVC hose, DN 40. Temperature-resistant up to 85 °C and electrically conductive. Length: 3 m. <input type="checkbox"/>
Hose PVC DN40 5 m	38	9.989-614.0	Electroconductive PVC hose, DN 40. Temperature-resistant up to 85 °C. Length: 5 m. <input type="checkbox"/>
<b>PO-Schläuche</b>			
Hose EVA el. ø40mm 3m	39	9.990-923.0	<input type="checkbox"/>
<b>EVA</b>			
Hose EVA DN40 3 m	40	9.989-982.0	<input type="checkbox"/>
Hose EVA DN40 5 m	41	9.989-983.0	<input type="checkbox"/>
Extension hose EVA el. DN42 3m	42	9.988-088.0	Electroconductive hose with NW 40. Suitable for temperatures up to 65°C. Length: 3 m. <input type="checkbox"/>

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	Order no.	Description	
<b>HOSES</b>			
<b>EVA</b>			
Extension hose EVA el. DN42 5m	43	9.988-089.0	Five-metre-long, electroconductive hose with NW 40. Suitable for temperatures up to 65°C. Length: 5 m. <input type="checkbox"/>
<b>PU</b>			
Hose PU FDA DN40 3 m	44	9.989-970.0	<input type="checkbox"/>
Hose PU FDA DN40 5 m	45	9.989-971.0	<input type="checkbox"/>
<b>HANDLES</b>			
Handle stainless steel AISI 304	46	9.989-896.0	<input checked="" type="checkbox"/>
Handle straight stainless steel AISI 304	47	9.989-898.0	<input type="checkbox"/>
Hand grip curved 45°, DN 42	48	9.977-679.0	45° curved and electroconductive handle made from stainless steel. Inner cone DN 40. <input type="checkbox"/>
Hand grip curved stainless steel 45°IK D	49	9.989-036.0	Curved and electroconductive handle made from stainless steel. Angle 45°, inner cone NW 40. <input type="checkbox"/>
<b>OTHER ACCESSORIES</b>			
Accessories holder completely	50	9.991-147.0	<input checked="" type="checkbox"/>
Power cable storage compartment	51	5.037-240.0	The power cord is stored on a hook attached to the tubular frame. The practical cord hook is suitable for a pipe diameter of 30 to 32 mm. <input checked="" type="checkbox"/>
Cable drum with 25 m cable	52	9.982-080.0	AC cable drum with 25 m cable, for fixing in accessories holder 6.415-930.0. <input type="checkbox"/>
<b>SUCTION TUBES</b>			
Suction tube stainless steel AISI 304 DN	53	9.989-912.0	<input type="checkbox"/>
Suction tube el. ø40mm IK40 - AK40	54	9.990-933.0	<input type="checkbox"/>
Suction tube 750 mm DN40	55	9.977-525.0	Steel extension tube, electroconductive, DN 40. Length: 850 mm. <input type="checkbox"/>
Extension pipe stainless steel DN50 US	56	9.989-038.0	Aluminium extension tube, electroconductive, NW 40. Length: 1500 mm. <input type="checkbox"/>

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	Order no.	Description	
<b>SUCTION TUBES</b>			
Extension pipe stainless steel DN40 US	57 9.989-039.0	Stainless steel extension tube, electroconductive, NW 40. Length: 850 mm.	<input type="checkbox"/>
<b>ADAPTERS / REDUCERS / DISTRIBUTORS</b>			
<b>Reducers</b>			
Reducer V2A DN70/DN40	58 9.989-713.0		<input checked="" type="checkbox"/>
Reducer DN70/DN40	59 9.989-690.0	Electroconductive steel reducer for reduction from DN 70 to DN 40.	<input type="checkbox"/>
<b>Adapter Accessory</b>			
Adapter Food DN-F40	60 9.993-012.0		<input type="checkbox"/>
<b>Distributors</b>			
Distributor Y-piece stainless steel AISI	61 9.989-895.0		<input type="checkbox"/>
<b>FILTERS</b>			
<b>Pocket- / Star filters</b>			
Star filter PE/PTFE el. M 1,6m <sup>2</sup>	62 9.990-222.0		<input checked="" type="checkbox"/>
Star filter M NOMEX 1,6m <sup>2</sup>	63 9.991-243.0		<input type="checkbox"/>
<b>EMPTYING SUPPORTS</b>			
<b>Disposal bags</b>			
PE emptying bag dia. 540 mm 50 l	64 9.977-885.0	The alkaline VehiclePro Rim Cleaner, alkaline RM 801 Classic, for effective and fast removal of common dirt caused by brake dust, tyre wear or road salt, as well as limescale stains on vehicle rims: the alkaline VehiclePro Rim Cleaner, alkaline RM 801 Classic. Gentle on rims, the highly effective cleaner does not attack uncoated concrete floors or steel wheel arch. RM 801 is suitable for use in vehicle wash systems, at self-service washing stations and with spray units, and is 90 per cent biodegradable - the surfactants it contains are in accordance with EEC 648/2004. With a cleaning performance of some 400 rims per litre, the established standard cleaner is also very economical and efficient.	<input checked="" type="checkbox"/>
Disposal bag ø540 mm 50 l 5x	65 9.989-606.0	For dust-free emptying: 5 PE emptying bags with 100 l volume. Diameter: 540 mm.	<input type="checkbox"/>
<b>ACCESSORY SETS</b>			
<b>Solid / Dust</b>			
Kit food DN40	66 9.989-940.0	Food accessory kit DN 40: PU hose 3 m (9.989-970.0), handle (9.989-898.0), standard nozzle (9.989-838.0), brush (9.989-879.0), reducer (9.989-713.0), adapter (9.993-012.0).	<input type="checkbox"/>
Kit overhead cleaning DN40	67 9.989-942.0	Accessory kit DN 40 for overhead cleaning: suction tubes (9.989-920.0/9.993-008.0), handles (9.989-916.0/9.989-918.0), standard nozzle (9.989-838.0), brush (9.989-879.0), adapter (9.993-012.0).	<input type="checkbox"/>
Professional General Cleaning Kit conduc	68 9.990-877.0	Professional dry floor cleaning set: adapter (9.990-874.0), hose (2.889-141.0), bend (2.889-172.0), 2 × suction tube (2.889-194.0), 3 × nozzles (6.906-958.0, 6.903-033.0, 6.902-105.0).	<input type="checkbox"/>
Floor Cleaning Kit cond. Advanced DN40	69 9.990-893.0	Advanced dry floor cleaning set: EVA hose (9.990-923.0), handle (9.990-929.0), 2 × suction tube (9.990-933.0), floor nozzle (9.990-935.0), standard nozzle (9.980-773.0).	<input type="checkbox"/>
Accessories kit furnace Expert DN35	70 9.991-106.0	Accessory kit for oven cleaning: adapter (9.990-987.0), adapter (5.031-436.0), suction hose (4.440-731.0), suction tube (4.321-161.0), 2 × suction tube (6.902-124.0), oven nozzle (4.130-104.0).	<input type="checkbox"/>

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	Order no.	Description	
<b>ACCESSORY SETS</b>			
<b>Solid / Dust</b>			
Kit dust 3 m DN40	71 9.989-659.0	Accessory kit DN 40 for industrial vacuum cleaners (solids and dust): EVA hose (9.988-088.0), handle (9.977-679.0), standard nozzle (9.988-401.0), reducer (9.989-690.0).	<input type="checkbox"/>
<b>BRUSHES</b>			
<b>Standard brushes</b>			
Standard brush 40 mm DN40	72 9.981-431.0	Flat brush nozzle DN 40.	<input type="checkbox"/>
<b>Pencil brushes</b>			
Brush FDA blue ø 75 mm DN-F40	73 9.989-873.0		<input type="checkbox"/>
Brush FDA green ø 75 mm DN-F40	74 9.989-875.0		<input type="checkbox"/>
Brush FDA red ø 75 mm DN-F40	75 9.989-877.0		<input type="checkbox"/>
Brush FDA white ø 75 mm DN-F40	76 9.989-879.0		<input type="checkbox"/>
Brush FDA yellow ø 75 mm DN-F40	77 9.989-881.0		<input type="checkbox"/>
<b>Surface brushes</b>			
Vacuum brush	78 9.981-911.0	Vacuum brush, 300 mm, with 45° connection, with star screw, horsehair bristles.	<input type="checkbox"/>
<b>Cylinder brushes</b>			
Cylinder brush ø 100 mm F-DN40	79 9.989-922.0		<input type="checkbox"/>
Cylinder brush ø 200 mm F-DN40	80 9.989-923.0		<input type="checkbox"/>
<b>PRE-SEPARATORS</b>			
<b>Pre-separators</b>			
Pre-separator station SB 100L	81 9.982-243.0		<input type="checkbox"/>
Pre-separator station	82 9.982-238.0	Mobile pre-separator station with 100 l volume and discharge flap.	<input type="checkbox"/>
Pre-separator tank dust 60 l DN40	83 9.989-687.0		<input type="checkbox"/>
Pre-separator tank 200 l	84 9.989-685.0	Standard drum which complies with the ISO 15750-2 standard.	<input type="checkbox"/>

Available accessories.

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		Order no.	Description	
<b>PRE-SEPARATORS</b>				
<b>Pre-separator covers</b>				
Pre-separator lid DN 50, for 200 l drum	85	9.981-659.0	VehiclePro Brush Shampoo RM 811 Classic is suitable for use in vehicle wash systems and commercial vehicle washes. It reliably removes grease, oil, dirt caused by emissions and typical road dirt, and helps the brushes to slide, while also reducing their resoiling rate so they can keep working for longer. In addition, RM 811 Classic can also be used as an active foam and protects the vehicle paintwork. The economical brush shampoo is capable of cleaning up to 100 cars for every litre, and is designed to work with subsequent wax products to prevent streaks from forming on the paintwork. Surfactants contained in the formula are biodegradable according to OECD. What's more, it separates oil and water quickly in the oil separator.	<input type="checkbox"/>
Pre-separator cover Op liquids ø 575 mm DN70	86	9.981-662.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	<input type="checkbox"/>
Pre-separator cover solid materials ø 517 mm DN70	87	9.981-665.0	Pre-separator cover DN 70. Suitable for containers with 517 mm diameter.	<input type="checkbox"/>
Pre-separator cover solid materials ø 575 mm DN70	88	9.981-661.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	<input type="checkbox"/>

Available accessories.