

## IVR 100/30 EF

IVR 100/30 Ef robust industrial vacuum cleaner. For mobile and stationary vacuuming of solids – from fine swarf and hazardous dust through to sand and blasting abrasive.



Made in Germany



### Order no.

9.989-406.0

- With large emptying flap
- Compact construction style that takes up very little floor space
- Sound reduction

### Technical data

<b>EAN code</b>		4054278695068
<b>Supply voltage</b>	<b>Ph / V / Hz</b>	3 / 400 / 50
<b>Air flow</b>	<b>l/s / m³/h</b>	88 / 315
<b>Vacuum</b>	<b>mbar / kPa</b>	260 / 26
<b>Container content</b>	<b>l</b>	100
<b>Rated input power</b>	<b>kW</b>	3
<b>Vacuuming type</b>		Electric
<b>Connection nominal diameter</b>		ID 70
<b>Accessory nominal diameter</b>		ID 70 / ID 50
<b>Sound pressure level</b>	<b>dB(A)</b>	62
<b>Main filter dust class</b>		M
<b>Filter area for main filter</b>	<b>m²</b>	1.75
<b>Weight without accessories</b>	<b>kg</b>	172
<b>Weight incl. packaging</b>	<b>kg</b>	176
<b>Dimensions (L × W × H)</b>	<b>mm</b>	950 × 715 × 1985

### Equipment

#### Container emptying

- Included in the scope of supply.

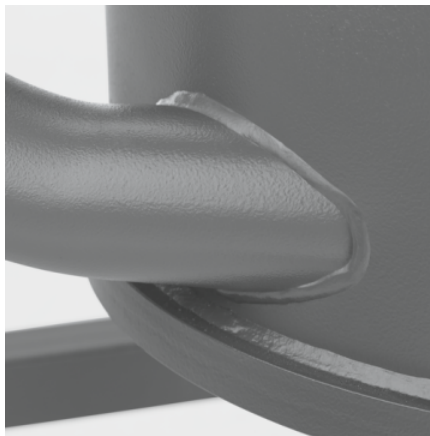
Emptying flap

Users must receive training on this device.



### Convenient, manual discharge flap

- For easy emptying, for example into underfloor conveyors or containers.
- Convenient and time-saving emptying of the suction material, even with large quantities.
- Crane lugs enable safe grabbing and emptying by crane.



### Particularly robust, particularly flexible

- With practical, movable suction hose port/pipe bend.
- With numerous options for accessory storage.
- Machine and chassis very robust and equipped with high wall thicknesses.



### Wear-resistant side channel blower

- With 3 kW power and soft start for vacuuming large quantities of dust and solids.
- For strong suction power and service life of at least 20,000 hours.
- Optimally suited for mobile use in multiple shift operation.

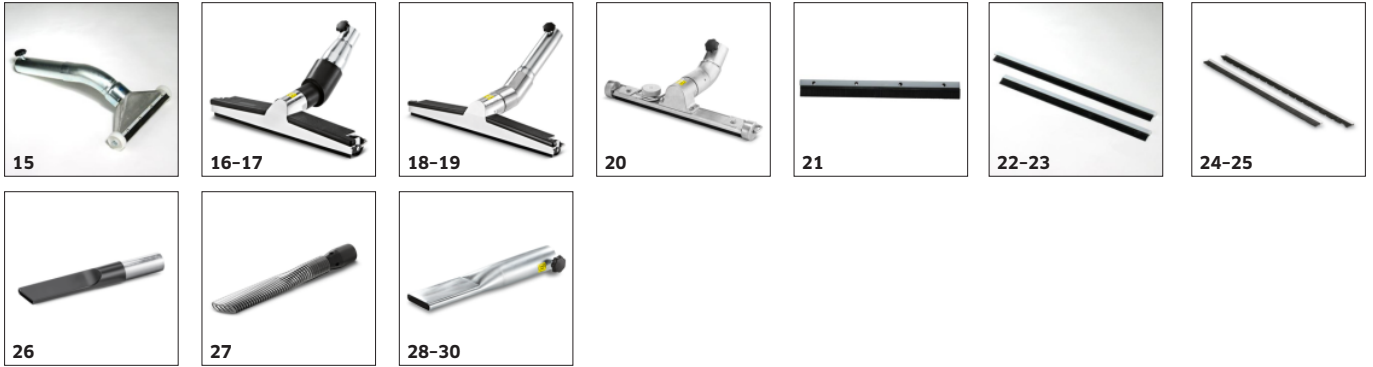
## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



		Order no.	Description	
<b>FILTERS</b>				
<b>Bag/star filter</b>				
Bag filter PE M 1.75 m <sup>2</sup>	1	9.981-681.0	Electroconductive filter cloth for dust class M with 517 mm diameter and 1.75 m <sup>2</sup> filter area.	■
<b>ACCESSORY SETS</b>				
<b>Accessory kit for solids/dust</b>				
Accessory kit for solids/dust DN 40	2	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"/>
Accessory kit for solids/dust DN 50	3	9.989-662.0	Accessory kit DN 50 for industrial vacuum cleaners (solids and dust): EVA hose (9.988-090.0), handle (9.977-678.0), standard nozzle (9.988-402.0), reducer (9.977-772.0).	<input type="checkbox"/>
<b>NOZZLES</b>				
<b>Standard nozzles</b>				
Standard PVC nozzle DN50	4	9.989-673.0	Electroconductive standard PVC nozzle. DN 50.	<input type="checkbox"/>
Standard PVC nozzle DN70	5	9.989-676.0	Electroconductive standard PVC nozzle. DN 70.	<input type="checkbox"/>
Standard nozzle silicone DN40	6	9.988-401.0	Stretchy standard nozzle made from silicone, inner cone DN 40.	<input type="checkbox"/>
Standard nozzle silicone DN50	7	9.988-402.0		<input type="checkbox"/>
Standard silicone nozzle DN70	8	9.989-672.0	Electroconductive standard silicone nozzle. DN 70.	<input type="checkbox"/>
Standard nozzle cuttable rubber DN50	9	9.989-675.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 50.	<input type="checkbox"/>
Standard aluminium nozzle DN50	10	9.980-749.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 50.	<input type="checkbox"/>
Standard aluminium nozzle DN70	11	9.989-663.0	Standard nozzle made from aluminium. Electroconductive. DN 70.	<input type="checkbox"/>
<b>Flexible standard nozzles</b>				
Standard nozzle flexible PVC DN50	12	9.981-421.0	Electroconductive, flexible round nozzle made from galvanised steel, DN 50, with rubber mouthpiece DN 30.	<input type="checkbox"/>
Standard nozzle flexible PVC DN70	13	9.981-422.0	Flexible, electroconductive standard nozzle, DN 70, with rubber mouthpiece.	<input type="checkbox"/>
Standard nozzle, flexible, angled 90° PP DN50	14	9.981-430.0	Flexible, electroconductive angled nozzle, DN 50, length: 800 mm.	<input type="checkbox"/>

■ Included in the scope of supply.  Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



		Order no.	Description	
<b>NOZZLES</b>				
<b>Floor nozzles</b>				
Aluminium floor nozzle 200 mm DN50	15	9.981-426.0	Floor nozzle, DN 50, with 200 mm suction width.	<input type="checkbox"/>
Aluminium floor nozzle 370 mm DN50	16	9.989-664.0	Floor nozzle. 370 mm, made from aluminium. Electroconductive. DN 50.	<input type="checkbox"/>
Aluminium floor nozzle, el, 370 mm, DN50	17	9.987-612.0	Electroconductive multi-purpose floor nozzle. 370 mm wide, DN 50.	<input type="checkbox"/>
Aluminium floor nozzle 500 mm DN50	18	9.989-684.0	Floor nozzle, 500 mm, made from aluminium. Electroconductive. DN 50.	<input type="checkbox"/>
Aluminium floor nozzle, el, 500 mm, DN50	19	9.981-925.0	Floor nozzle with 500 mm suction width and hinge. DN 50, electroconductive.	<input type="checkbox"/>
Stainless steel floor nozzle el 370 mm DN50	20	9.988-115.0	Floor nozzle (370 mm) made from stainless steel, electroconductive, DN 50.	<input type="checkbox"/>
Floor nozzle rubber strip oil-resistant. 220 mm	21	9.981-923.0	Squeegee with plastic strip for floor nozzle, 220 mm wide.	<input type="checkbox"/>
Floor nozzle rubber strip 370 mm	22	9.981-914.0	Squeegee with profiled strip for floor nozzle, 370 mm wide.	<input type="checkbox"/>
Floor nozzle rubber strip 500 mm	23	9.981-915.0	Oil-resistant squeegee with profiled strip for floor nozzle, 500 mm wide.	<input type="checkbox"/>
Floor nozzle brush strip el. 370 mm	24	9.984-939.0	Electroconductive squeegee for floor nozzle, 370 mm wide.	<input type="checkbox"/>
Floor nozzle brush strip 500 mm	25	9.980-764.0	Brush strip set for floor nozzle 500 mm, with profiled strip.	<input type="checkbox"/>
<b>Crevice nozzles</b>				
Crevice nozzle PP 15 mm × 145 mm DN50	26	9.988-117.0	Electroconductive, flat multi-purpose crevice nozzle made from plastic, DN 52.	<input type="checkbox"/>
Crevice nozzle PU 22 mm × 175 mm DN50	27	9.981-482.0	Crevice nozzle made from PU, DN 50.	<input type="checkbox"/>
Crevice nozzle 18 mm × 120 mm DN50	28	9.981-442.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 17 mm slot width.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



		Order no.	Description	
<b>NOZZLES</b>				
<b>Crevice nozzles</b>				
Crevice nozzle 25 mm × 120 mm DN50	29	9.981-465.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 25 mm slot width.	<input type="checkbox"/>
Crevice nozzle 28 mm × 120 mm DN70	30	9.981-444.0	Electroconductive crevice nozzle made from sheet steel, DN 70, with 30 mm slot width.	<input type="checkbox"/>
Stainless steel crevice nozzle 22 mm × 220 mm DN50	31	9.988-123.0	Stainless steel crevice nozzle, DN 42, suitable for use with foods.	<input type="checkbox"/>
<b>Flexible crevice nozzles</b>				
Flexible crevice nozzle silicone 65 mm DN50	32	9.988-403.0	Flexible crevice nozzle made from silicone, DN 50.	<input type="checkbox"/>
Flexible crevice nozzle 11 mm × 58 mm DN40	33	9.989-681.0	Electroconductive and flexible crevice nozzle, 11 × 58 mm.	<input type="checkbox"/>
Flexible crevice nozzle 12 mm × 45 mm DN50	34	9.981-424.0	Flexible, electroconductive galvanised crevice nozzle, DN 50, with 13 mm slot width.	<input type="checkbox"/>
Flexible crevice nozzle 20 mm × 45 mm DN50	35	9.981-425.0	Flexible and electroconductive crevice nozzle made from galvanised steel with 20 mm slot width, DN 50.	<input type="checkbox"/>
<b>Surface nozzles</b>				
Silicone surface nozzle 120 mm DN50	36	9.988-119.0	Electroconductive rubber nozzle, angled, DN 50, suitable for use with foods.	<input type="checkbox"/>
Aluminium surface nozzle 150 mm DN50	37	9.989-665.0	Surface nozzle, 150 mm, made from aluminium. DN 50.	<input type="checkbox"/>
<b>Liquid nozzles</b>				
Liquid nozzle 900 mm DN50	38	9.981-427.0	Bypass nozzle, DN 50, overall length: 1000 mm.	<input type="checkbox"/>
<b>Borehole nozzles</b>				
Blind hole nozzle DN40	39	9.989-671.0	90° curved blind hole nozzle with 60 mm diameter.	<input type="checkbox"/>
Blind hose nozzle angled 60° DN40	40	9.989-669.0	90° curved blind hole nozzle with 48 mm diameter. DN 40.	<input type="checkbox"/>
Blind hose nozzle angled 90° DN40	41	9.989-667.0	90° curved blind hole nozzle with 60 mm diameter. DN 40.	<input type="checkbox"/>
Blind hose nozzle angled 90° 200 mm extension DN40	42	9.989-670.0	90° curved blind hole nozzle with 48 mm diameter. DN 40.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories.

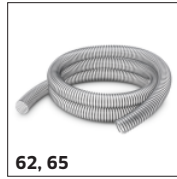
## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



	Order no.	Description	
<b>BRUSHES</b>			
<b>Standard brushes</b>			
Standard brush 40 mm DN50	43 9.981-432.0	Flat brush nozzle DN 50.	<input type="checkbox"/>
<b>End brushes</b>			
End brush Ø 82 mm DN50	44 9.989-608.0	Electroconductive end brush with 82 mm diameter. DN 50.	<input type="checkbox"/>
<b>Surface brushes</b>			
Surface brush 300 mm DN50	45 9.981-912.0	Vacuum brush, 300 mm, with 45° connection, with star screw, horsehair bristles.	<input type="checkbox"/>
<b>HOSES</b>			
<b>PVC</b>			
Hose PVC DN50 3 m	46 9.989-615.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 °C. Length: 3 m.	<input type="checkbox"/>
Hose PVC DN50 5 m	47 9.989-616.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 °C. Length: 5 m.	<input type="checkbox"/>
PVC hose DN50 15 m without connectors	48 9.989-634.0	PVC hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	<input type="checkbox"/>
Hose PVC DN70 3 m	49 9.989-635.0	Electroconductive PVC hose, DN 70. Temperature-resistant up to 85 °C. Length: 3 m.	<input type="checkbox"/>
Hose PVC DN70 5 m	50 9.989-643.0	PVC hose, DN 70. Temperature-resistant up to 85 °C and electroconductive. Length: 5 m.	<input type="checkbox"/>
PVC hose DN70 15 m without connectors	51 9.989-636.0	PVC hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	<input type="checkbox"/>
<b>EVA hoses</b>			
Hose EVA NW50 3 m	52 9.988-090.0	Electroconductive hose with NW50. Suitable for temperatures up to 65°C. Length: 3 m.	<input type="checkbox"/>
Hose EVA NW50 5 m	53 9.988-091.0		<input type="checkbox"/>
EVA hose DN50 15 m without connectors	54 9.989-631.0	EVA hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 65 °C. Length: 15 m.	<input type="checkbox"/>
Hose EVA DN70 3 m	55 9.989-613.0	Electroconductive EVA hose, DN 70. Temperature-resistant up to 65 °C. Length: 3 m.	<input type="checkbox"/>
Hose EVA DN70 5 m	56 9.989-624.0	Electroconductive EVA hose, DN 70. Temperature-resistant up to 65 °C. Length: 5 m.	<input type="checkbox"/>

Available accessories.

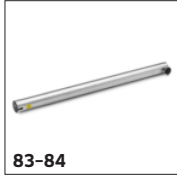
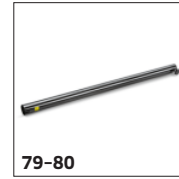
## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



		Order no.	Description	
<b>HOSES</b>				
<b>EVA hoses</b>				
EVA hose DN70 15 m without connectors	57	9.989-632.0	EVA hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 65 °C. Length: 15 m.	<input type="checkbox"/>
<b>Hose installation sets</b>				
Hose installation kit DN50	58	9.989-628.0	Multipiece hose connection kit, DN 50.	<input type="checkbox"/>
Hose installation kit DN70	59	9.989-629.0	Multipiece hose connection kit, DN 70.	<input type="checkbox"/>
<b>PU hoses</b>				
Hose PU DN50 3 m	60	9.989-619.0	Oil-resistant, electroconductive PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 80 °C. Length: 3 m.	<input type="checkbox"/>
Hose PU DN50 5 m	61	9.989-620.0	Oil-resistant, electroconductive PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 80 °C. Length: 5 m.	<input type="checkbox"/>
PU hose DN50 15 m without connectors	62	9.989-638.0	PU hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 80 °C. Length: 15 m.	<input type="checkbox"/>
Hose PU DN70 3 m	63	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.	<input type="checkbox"/>
Hose PU DN70 5 m	64	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.	<input type="checkbox"/>
PU hose DN70 15 m without connectors	65	9.989-639.0	PU hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	<input type="checkbox"/>
<b>ME-PU-hoses</b>				
Hose ME-PU DN50 3 m	66	9.989-623.0	Electroconductive, oil-resistant ME-PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 3 m.	<input type="checkbox"/>
Hose ME-PU DN50 5 m	67	9.989-625.0	Electroconductive, oil-resistant ME-PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 5 m.	<input type="checkbox"/>
ME-PU hose DN50 15 m without connectors	68	9.989-641.0	Electroconductive, oil-resistant ME-PU hose without tap adapter, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 15 m.	<input type="checkbox"/>
Hose ME-PU DN70 3 m	69	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.	<input type="checkbox"/>
Hose ME-PU DN70 5 m	70	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.	<input type="checkbox"/>

Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



		Order no.	Description	
<b>HOSES</b>				
<b>ME-PU-hoses</b>				
ME-PU hose DN70 15 m without connectors	71	9.989-642.0	Electroconductive, oil-resistant ME-PU hose without tap adapter, DN 70. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 15 m.	<input type="checkbox"/>
<b>HANDLES</b>				
Elbow aluminium 45° DN40	72	9.989-544.0	45° curved handle made from aluminium, DN 40.	<input type="checkbox"/>
Elbow aluminium 45° DN50	73	9.989-547.0	Handle with 45° bend. Made from aluminium, DN 50.	<input type="checkbox"/>
Handle DN 50	74	9.977-678.0	Electroconductive and 45° curved handle made from stainless steel. Inner cone DN 50.	<input type="checkbox"/>
Handle DN 70	75	9.977-677.0		<input type="checkbox"/>
Stainless steel handle NW50	76	9.988-111.0	Curved and electroconductive handle made from stainless steel. Angle 45°, inner cone NW 50.	<input type="checkbox"/>
<b>SUCTION TUBES</b>				
Carbon suction tube 1500 mm DN40	77	9.989-552.0	Very light carbon extension tube, electroconductive, DN 40. Length: 1500 mm.	<input type="checkbox"/>
Carbon suction tube 1500 mm DN50	78	9.989-553.0	Electroconductive, very light carbon extension tube. Inner cone DN 50, 1500 mm long.	<input type="checkbox"/>
Suction tube 850 mm DN 40	79	9.977-531.0	850 mm long extension tube made from steel. Electroconductive and with inner cone DN 50.	<input type="checkbox"/>
Suction tube 850 mm DN 70	80	9.981-910.0	Electroconductive extension tube, internal cone DN 70, 850 mm total length.	<input type="checkbox"/>
Aluminium suction tube 1500 mm NW40	81	9.989-038.0	Aluminium extension tube, electroconductive, NW 40. Length: 1500 mm.	<input type="checkbox"/>
Aluminium suction tube 1500 mm NW50	82	9.989-035.0	Electrically conductive suction tube (1500 mm) made of aluminium with 50 mm diameter.	<input type="checkbox"/>
Stainless steel suction tube 850 mm NW40	83	9.989-039.0	Stainless steel extension tube, electroconductive, NW 40. Length: 850 mm.	<input type="checkbox"/>
Stainless steel suction tube 850 mm NW50	84	9.988-114.0	Electroconductive extension tube made from stainless steel. Inner cone NW 50.	<input type="checkbox"/>

Available accessories.



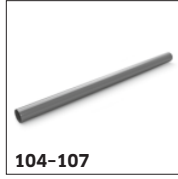
## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



	Order no.	Description	
<b>ADAPTERS / REDUCERS / DISTRIBUTORS</b>			
<b>Accessories adapter</b>			
Adapter accessories DN 50 to DN 51	85 9.989-603.0	Steel adapter for connection of DN 50 to DN 51. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN 51 to DN 50	86 9.989-601.0	Steel adapter for connection of DN 51 to DN 50. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN50 to DN61	87 9.989-602.0	Steel adapter for connection of DN 50 to DN 61. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN 61 to DN 50	88 9.989-604.0	Steel adapter for connection of DN 61 to DN 50. Electroconductive.	<input type="checkbox"/>
<b>Reducers/expanders</b>			
Reduction DN70 to DN50	89 9.977-772.0		<input type="checkbox"/>
Reduction DN70 to DN40	90 9.989-690.0	Electroconductive steel reducer for reduction from DN 70 to DN 40.	<input type="checkbox"/>
Reduction DN50 to DN40	91 9.981-231.0	Reducer from DN 50 to DN 40. Material: Steel. Electroconductive.	<input type="checkbox"/>
Stainless steel reducer DN 70 to DN 50	92 9.989-712.0		<input type="checkbox"/>
Stainless steel reducer DN 70 to DN 40	93 9.989-713.0		<input type="checkbox"/>
<b>Expander</b>			
Expansion DN50 to DN70	94 9.981-921.0	Reducer from external cone DN 50 to internal cone DN 70. Material: Steel. Electroconductive.	<input type="checkbox"/>
<b>Distributor</b>			
Y-piece fitting DN70 to DN50	95 9.989-611.0	Electroconductive steel fitting, DN 70/DN 50 / DN 50.	<input type="checkbox"/>
<b>PRE-SEPARATORS</b>			
<b>Pre-separator</b>			
Pre-separator Ef solid materials 100 l DN70	96 9.982-238.0	Mobile pre-separator station with 110 l volume and emptying flap.	<input type="checkbox"/>
Pre-separator dust 40 l DN40	97 9.989-687.0		<input type="checkbox"/>
Pre-separator dust 60 l DN50	98 9.989-688.0		<input type="checkbox"/>

Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



	Order no.	Description		
<b>PRE-SEPARATORS</b>				
<b>Pre-separator</b>				
Pre-separator drum 200 l	99	9.989-685.0	Standard drum which complies with the ISO 15750-2 standard.	<input type="checkbox"/>
<b>Pre-separator lid</b>				
Pre-separator cover Op liquids ø 517 mm DN70	100	9.981-666.0	Pre-separator cover DN 70. Suitable for containers with 517 mm diameter.	<input type="checkbox"/>
Pre-separator cover Op liquids ø 575 mm DN70	101	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	102	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	103	9.981-661.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	<input type="checkbox"/>
<b>ACCESSORIES STATIONARY</b>				
<b>IV pipelines</b>				
IV pipe ø 42.4 mm	104	9.980-451.0		<input type="checkbox"/>
IV pipe ø 60 mm	105	9.980-452.0		<input type="checkbox"/>
IV pipe ø 75 mm	106	9.980-453.0		<input type="checkbox"/>
IV pipe ø 100 mm	107	9.980-455.0		<input type="checkbox"/>
IV pipe elbow 30° ø 60.3 mm	108	9.980-545.0		<input type="checkbox"/>
IV pipe elbow 30° ø 76.1 mm	109	9.980-546.0		<input type="checkbox"/>
IV pipe elbow 30° ø 101.6 mm	110	9.980-547.0		<input type="checkbox"/>
IV pipe elbow 45° ø 60.3 mm	111	9.980-548.0		<input type="checkbox"/>
IV pipe elbow 45° ø 76.1 mm	112	9.980-549.0		<input type="checkbox"/>

Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



	Order no.	Description	
<b>ACCESSORIES STATIONARY</b>			
<b>IV pipelines</b>			
IV pipe elbow 45° ø 101.6 mm	113	9.980-550.0	<input type="checkbox"/>
IV pipe elbow 60° ø 60.3 mm	114	9.980-551.0	<input type="checkbox"/>
IV pipe elbow 60° ø 76.1 mm	115	9.980-552.0	<input type="checkbox"/>
IV pipe elbow 60° ø 60.3 mm	116	9.980-553.0	<input type="checkbox"/>
IV pipe elbow 90° ø 42.4 mm	117	9.985-373.0	<input type="checkbox"/>
IV pipe elbow 90° ø 60.3 mm	118	9.980-554.0	<input type="checkbox"/>
IV pipe elbow 90° ø 76.1 mm	119	9.980-555.0	<input type="checkbox"/>
IV pipe elbow 90° ø 101.6 mm	120	9.980-556.0	<input type="checkbox"/>
IV pipe reduction ø 120 mm to 100 mm	121	9.981-335.0	<input type="checkbox"/>
IV pipe reduction ø 120 mm to 60 mm	122	9.981-337.0	<input type="checkbox"/>
IV pipe reduction ø 100 mm to 75 mm	123	9.981-334.0	<input type="checkbox"/>
IV pipe reduction ø 100 mm to 60 mm	124	9.981-336.0	<input type="checkbox"/>
IV pipe reduction ø 80 mm to 75 mm	125	9.980-494.0	<input type="checkbox"/>
IV pipe reduction ø 80 mm to 60 mm	126	9.980-493.0	<input type="checkbox"/>

Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



121-128



129-139

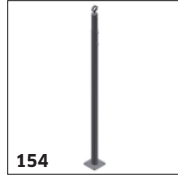


140-144

		Order no.	Description	
<b>ACCESSORIES STATIONARY</b>				
<b>IV pipelines</b>				
IV pipe reduction Ø 75 mm to 60 mm	127	9.981-333.0	Reducer, painted, made from steel with 2 mm wall thickness. For reduction from 75 to 60 mm diameter. Length: 350 mm.	<input type="checkbox"/>
IV pipe reduction Ø 60 mm to 42.2 mm	128	9.981-228.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 120 mm to 100 mm	129	9.981-129.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 120 mm to 75 mm	130	9.981-127.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 100 mm to 75 mm	131	9.981-126.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 100 mm to 60 mm	132	9.981-124.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 75 mm to 60 mm	133	9.981-123.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 60 mm to 42.4 mm	134	9.981-258.0	Pipe branch, 600 mm long, made from steel with 30° bend and 2 mm wall thickness. Diameter: 60/60/42.4 mm.	<input type="checkbox"/>
IV pipe manifold 30° branch Ø 120 mm	135	9.981-130.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 100 mm	136	9.981-128.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 75 mm	137	9.981-125.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 60 mm	138	9.981-122.0		<input type="checkbox"/>
IV pipe manifold 30° branch Ø 42.4 mm	139	9.981-259.0	Pipe branch, 600 mm long, made from steel with 30° bend and 2 mm wall thickness. Diameter: 42.4/42.4/42.4 mm.	<input type="checkbox"/>
IV pipe manifold Y-piece Ø 120 mm to 100 mm	140	9.981-135.0		<input type="checkbox"/>

Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



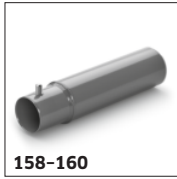
	Order no.	Description	
<b>ACCESSORIES STATIONARY</b>			
<b>IV pipelines</b>			
IV pipe manifold Y-piece Ø 100 mm to 75 mm	141	9.981-134.0	<input type="checkbox"/>
IV pipe manifold Y-piece Ø 80 mm to 60 mm	142	9.981-133.0	<input type="checkbox"/>
IV pipe manifold Y-piece Ø 75 mm to 60 mm	143	9.981-132.0	<input type="checkbox"/>
IV pipe manifold Y-piece Ø 60 mm to 42 mm	144	9.981-131.0	<input type="checkbox"/>
<b>IV pipe connectors/fastenings</b>			
IV pipe coupling Ø 42.4 mm	145	9.980-445.0	<input type="checkbox"/>
IV pipe coupling Ø 60 mm	146	9.980-446.0	<input type="checkbox"/>
IV pipe coupling Ø 75 mm	147	9.980-447.0	<input type="checkbox"/>
IV pipe coupling Ø 100 mm	148	9.980-449.0	<input type="checkbox"/>
IV pipe clamp Ø 41 - 44 mm	149	9.980-463.0	<input type="checkbox"/>
IV pipe clamp Ø 60 - 63 mm	150	9.980-464.0	<input type="checkbox"/>
IV pipe clamp Ø 74 - 78 mm	151	9.980-465.0	<input type="checkbox"/>
IV pipe clamp Ø 99 - 103 mm	152	9.980-466.0	<input type="checkbox"/>
IV pipe clamp Ø 116 - 120 mm	153	9.980-467.0	<input type="checkbox"/>
IV pipe floor support	154	9.981-118.0	<input type="checkbox"/>

Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



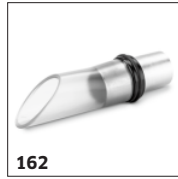
155-157



158-160



161



162



163



164



165



166-167

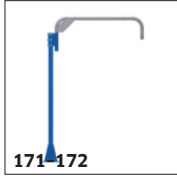
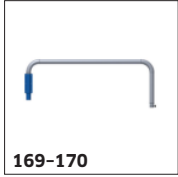


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		Order no.	Description	
<b>ACCESSORIES STATIONARY</b>				
<b>IV pipe connectors/fastenings</b>				
IV pipe on hose adapter, female Ø 42.2 to DN40	155	9.981-256.0		<input type="checkbox"/>
IV pipe on hose adapter, female Ø 60 to DN50	156	9.981-166.0		<input type="checkbox"/>
IV pipe on hose adapter, female Ø 75 to DN70	157	9.981-170.0		<input type="checkbox"/>
IV pipe on hose adapter, male Ø 42.2 to DN40	158	9.981-257.0	Steel adapter with 2 mm wall thickness. For connecting pipe and hose, DN 40, to diameter 42.4 × 2.0 mm.	<input type="checkbox"/>
IV pipe on hose adapter, male Ø 60 to DN50	159	9.981-332.0	Steel reducer with 2 mm wall thickness. End piece with external cone DN 50 to diameter 60.0 × 2.0 mm.	<input type="checkbox"/>
IV pipe on hose adapter, male Ø 75 to DN70	160	9.981-195.0		<input type="checkbox"/>
<b>Suction point accessories</b>				
Suction point standard PVC nozzle DN40	161	9.981-454.0	Elastic nozzle DN 40 for jet cookers.	<input type="checkbox"/>
Suction point standard PVC nozzle DN50	162	9.981-455.0	Elastic nozzle DN 50 for jet cookers.	<input type="checkbox"/>
Suction point, standard brush DN40	163	9.981-436.0	Steel brush nozzle with 2.6 mm wall thickness for jet cookers, DN 40.	<input type="checkbox"/>
Suction point nozzle holder	164	9.981-520.0	For mounting intended nozzle holders made from steel to a wall. Suitable for nozzles with DN 40, DN 50 and DN 70.	<input type="checkbox"/>
Suction point nozzle holder with limit switch	165	9.982-111.0	Jet cookers with sensor, for wall mounting. Suitable for nozzles DN 40, DN 50 and DN 70.	<input type="checkbox"/>
Suction point hose hanger with limit switch ø 60 mm	166	9.982-083.0	Hose holder with limit switch for fastening to pipelines with 60 mm diameter.	<input type="checkbox"/>
Suction point hose hanger with limit switch ø 75 mm	167	9.982-092.0	Hose holder with limit switch for fastening to pipelines with 75 mm diameter.	<input type="checkbox"/>
Suction point hose hanger with limit switch	168	9.982-093.0	Hose holder with limit switch for wall mounting.	<input type="checkbox"/>

Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



		Order no.	Description	
<b>ACCESSORIES STATIONARY</b>				
<b>Suction point accessories</b>				
Suction point suction arm DN50 without hose	169	9.981-776.0	Swivel arm DN 50 with relevant wall mounting. Arm length: 2 m.	<input type="checkbox"/>
Suction point suction arm DN70 without hose	170	9.981-775.0	Swivel arm DN 70 with relevant wall mounting. Arm length: 2 m.	<input type="checkbox"/>
Suction point suction arm DN50 without hose	171	9.981-781.0	Swivel arm DN 50 with floor support (100 × 100 mm), arm length: 2 m.	<input type="checkbox"/>
Suction point suction arm DN70 without hose	172	9.981-780.0	Swivel arm DN 70 with floor support (100 × 100 mm), arm length: 2 m.	<input type="checkbox"/>
Suction point suction arm DN70	173	9.981-920.0	Suction arm DN 70 to DN 100, arm length: 2.5 m.	<input type="checkbox"/>
Suction point suction arm DN100	174	9.983-121.0	Suction arm DN 100, arm length: 2.5 m. Suction head with 150 mm diameter.	<input type="checkbox"/>
Suction point PVC hose DN40 3m	175	9.989-701.0		<input type="checkbox"/>
Suction point PVC hose DN40 5m	176	9.989-702.0		<input type="checkbox"/>
Suction point PVC hose DN50 3m	177	9.989-693.0		<input type="checkbox"/>
Suction point PVC hose DN50 5m	178	9.989-694.0		<input type="checkbox"/>
Suction point PVC hose DN70 3m	179	9.989-703.0		<input type="checkbox"/>
Suction point PVC hose DN70 5m	180	9.989-704.0		<input type="checkbox"/>
Suction point PU hose DN40 3m	181	9.989-705.0		<input type="checkbox"/>
Suction point PU hose DN40 5m	182	9.989-706.0		<input type="checkbox"/>

Available accessories.

## ACCESSORIES FOR IVR 100/30 EF 9.989-406.0



	Order no.	Description		
<b>ACCESSORIES STATIONARY</b>				
<b>Suction point accessories</b>				
Suction point PU hose DN50 3m	183	9.989-695.0	<input type="checkbox"/>	
Suction point PU hose DN50 5m	184	9.989-696.0	<input type="checkbox"/>	
Suction point PU hose DN70 3m	185	9.989-707.0	<input type="checkbox"/>	
Suction point PU hose DN70 5m	186	9.989-708.0	<input type="checkbox"/>	
Suction point ME-PU hose DN40 3m	187	9.989-697.0	<input type="checkbox"/>	
Suction point ME-PU hose DN40 5m	188	9.989-698.0	<input type="checkbox"/>	
Suction point ME-PU hose DN50 3m	189	9.989-699.0	<input type="checkbox"/>	
Suction point ME-PU hose DN50 5m	190	9.989-700.0	<input type="checkbox"/>	
Hose end piece, rotatable, female DN40	191	9.989-654.0	Rotatable hose end, DN 40, electrically conductive.	<input type="checkbox"/>
Hose end piece, rotatable, female DN50	192	9.989-653.0	Rotatable hose end, DN 50, electroconductive.	<input type="checkbox"/>
Hose end piece, rotatable, female DN70	193	9.989-652.0	Rotatable hose end, DN 70, electroconductive.	<input type="checkbox"/>
Hose end piece, male DN40	194	9.981-142.0	Steel hose connection piece with 2 mm wall thickness and DN 40 external cone.	<input type="checkbox"/>
Hose end piece, male DN50	195	9.980-472.0		<input type="checkbox"/>
Hose end piece, male DN70	196	9.981-144.0	Steel hose connection piece with 2 mm wall thickness and DN 70 external cone.	<input type="checkbox"/>

Available accessories.