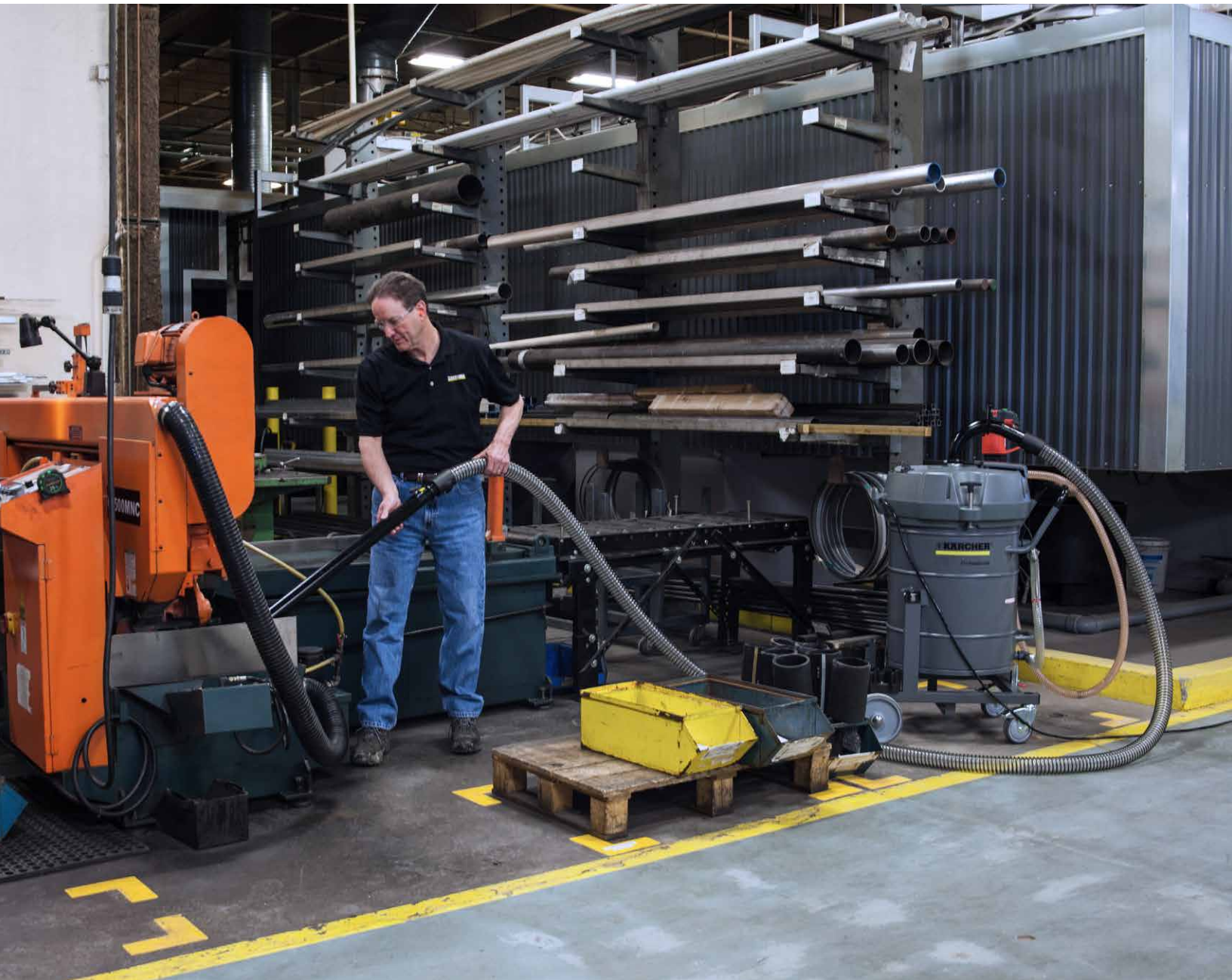


# KÄRCHER

makes a difference



## EXCEED CLEANING AND SAFETY REQUIREMENTS

Safely and effectively remove dust in your facility.



# **CLEANLINESS AND SAFETY IS NON-NEGOTIABLE.**

At Kärcher, cleaning is our job as well as our passion, and we take our responsibility towards people, culture and the environment seriously. We are a family owned company and have been producing quality equipment for over 80 years. We are working on new solutions - full steam ahead, just as we always have. Whatever the cleaning task, we have the solution.

**In a manufacturing facility** we understand that removing dust and debris is a challenge. Efficient cleaning is highly critical to your daily production. Kärcher's range of Industrial Vacuums were designed to help boost productivity and help you create a safe and well kept facility.



- 4 Intermittent Duty
- 6 Continuous Duty
- 8 Air Operated
- 10 Hazardous Location
- 12 Oil and Coolant Collection
- 14 Accessories
- 18 Warranty and Service

# INTERMITTENT DUTY



## 1 Impressive filtration

- Long lasting pocket filter
- Mechanical filter cleaning ensures product lifetime
- HEPA filtration option

## 2 Easy-to-empty waste container

- Robust collection tank
- Handles and stable wheels allow for simple handling

## 3 User-friendly design

- Easy-locking wheels with robust casters
- Extremely service-friendly

Power and mobility are the hallmarks of Kärcher's intermittent, single phase electric vacuums. These vacuums are NFPA 652 compliant, and can be deployed throughout a facility to tackle virtually any housekeeping task, including overhead applications. Constructed of painted steel and utilizing robust casters, these vacuums are the heaviest duty, most durable industrial vacuums on the market. This line of single phase industrial vacuums deliver best in class performance. Available in 9, 13 or 26 gallon collection capacities, Kärcher offers companies a choice when it comes to their mobile industrial vacuuming needs.

## Technical Data and Equipment



IVM 50/24-2



IVM 100/24-2



IVM 35/17-2 HEPA

### Technical data

		IVM 50/24-2	IVM 100/24-2	IVM 35/17-2 HEPA
Collection type		Dry	Dry	Dry
Type of power		1-Phase	1-Phase	1-Phase
Collection capacity	<b>gal.</b>	13.2	26.4	9.2
Voltage @ 60 Hz	<b>volts</b>	120	120	120
Power rating	<b>HP</b>	3.2	3.2	2.3
Waterlift	<b>in.</b>	102	102	88
Airflow	<b>cfm</b>	313	313	271
Amps (maximum)	<b>A</b>	17.5	17.5	15
Sound level	<b>dBA</b>	68	68	70
Power cord length	<b>ft.</b>	33	33	33
Inlet diameter	<b>mm</b>	50	50	50
Main filter class / type		M	M	H
Weight	<b>lbs.</b>	198	209	117
Dimensions (L x W x H)	<b>in.</b>	33 x 30 x 59	33 x 30 x 72	28 x 24 x 52

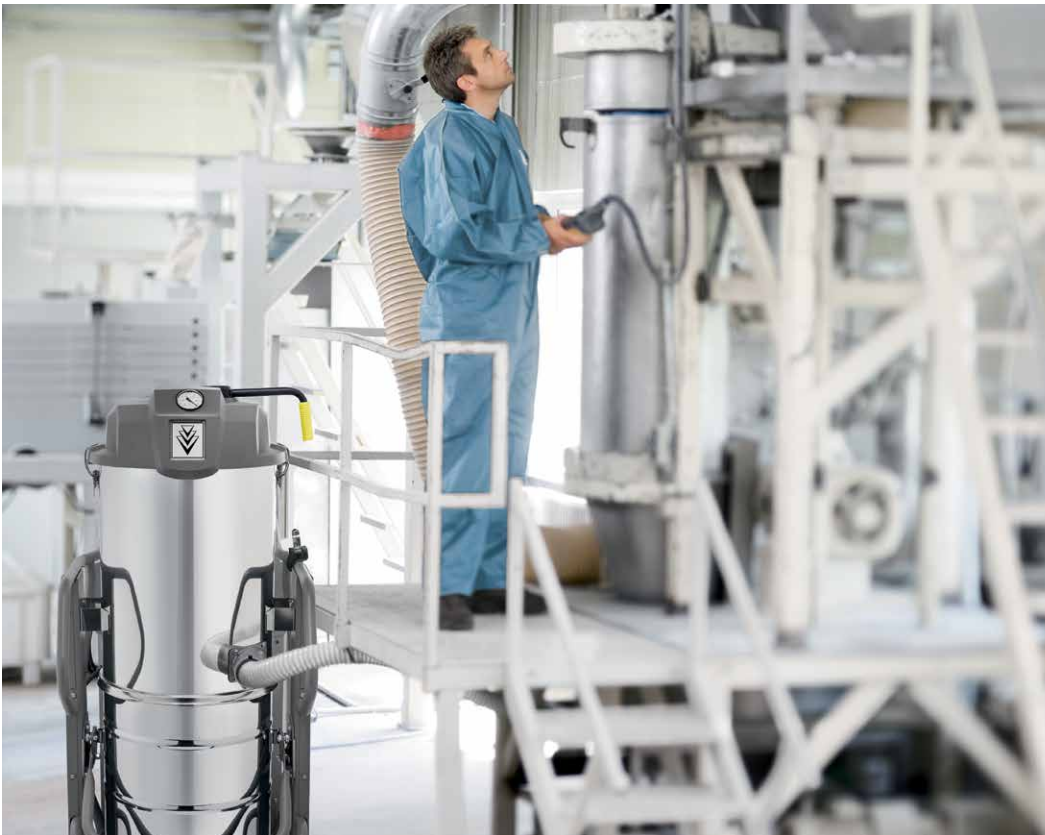
### Approvals



### EQUIPMENT

Order No.	Description
9.988-902.0	IVM 50/24-2
9.988-903.0	IVM 50/24-2 HEPA
9.988-918.0	IVM 100/24-2
9.988-919.0	IVM 100/24-2 HEPA
9.988-905.0	IVM 35/17-2 HEPA

# CONTINUOUS DUTY



## 1 Easy-to-operate

- Simple knobs and easy-to-connect hoses
- Horizontal filter cleaning handle allows for easy filter cleaning by hand

## 2 Robust construction

- Welded frame construction creates a highly robust machine
- Tangential inlet prevents plugging even when vacuuming large debris

## 3 Industry specific design

- Side channel blower ensures low-wear
- Fitted with M cartridge filter system to filter hazardous dust
- Stainless steel collection container handles aggressive debris

When continuous vacuum operation is required, look to the Kärcher series of three-phase (460V) industrial vacuums. Utilizing side-channel motors that are completely enclosed and fan cooled (TEFC), these vacuums are ideal for fixed process applications. Because of their high performance capability, Kärcher 3-phase vacuums allow operators to work further away from the vacuum. All vacuums in this series are CSA approved and NFPA 652 compliant. Optional HEPA filter is available for critical filtration.

## Technical Data and Equipment



**IVS 100/40      IVS 100/40 HEPA      IVS 100/65      IVS 100/65 HEPA      IVR-B 20/6**

### Technical data

Collection type		Dry	Dry	Dry	Dry	Dry
Type of power		3-Phase	3-Phase	3-Phase	3-Phase	3-Phase
Collection capacity	<b>gal.</b>	26.4	26.4	26.4	26.4	5.3
Voltage @ 60 Hz	<b>volts</b>	460	460	460	460	460
Power rating	<b>HP</b>	5.4	5.4	8.7	8.7	.8
Waterlift	<b>in.</b>	109	109	80	80	28
Airflow	<b>cfm</b>	216	216	380	380	103
Amps (maximum)	<b>A</b>	7.6	7.6	9.8	9.8	1.85
Sound level	<b>dB(A)</b>	75	75	75	75	75
Power cord length	<b>ft.</b>	33	33	33	33	33
Inlet diameter	<b>mm</b>	70	70	70	70	50
Main filter class / type		M	M	M	M	M
Weight	<b>lbs.</b>	375	375	370	415	71
Dimensions (L x W x H)	<b>in.</b>	47 x 32 x 64	47 x 32 x 64	47 x 32 x 64	47 x 32 x 64	24 x 20 x 19.4

### Approvals



### EQUIPMENT

Order No.	Description
9.988-908.0	IVS 100/65
9.988-909.0	IVS 100/65 HEPA
9.988-911.0	IVS 100/40
9.988-912.0	IVS 100/40 HEPA
9.988-915.0	IVR-B 20/6

# AIR-OPERATED



## 1 Pneumatic drive

- Extremely low air consumption
- Work safely in noise sensitive areas

## 2 Ample accessory storage

- Storage can hold hose, cable, and other nozzles
- On-frame storage allows short set-up time

## 3 High-efficiency filter

- Securely filter hazardous dust with an M class filter
- No filter downtimes
- Efficient use of complete filter capacity with non-stop operation
- HEPA filtration option

When electricity is not available or desired, Kärcher offers a line of Air-Operated Industrial Vacuums. Kärcher air-operated (pneumatic) industrial vacuums offer powerful vacuum performance with minimal air consumption. No moving internal parts greatly minimizes maintenance. Ideal for both intermittent and continuous operation, Kärcher Air-Operated Industrial Vacuums offer operators tremendous versatility, all in a safe and powerful overall package.



## Technical Data and Equipment



		IVR 100/16 Pp	IVR 100/16 Pp HEPA
<b>Technical data</b>			
Collection type		Dry	Dry
Type of power		Pneumatic	Pneumatic
Collection capacity	<b>gal.</b>	26.4	26.4
Air consumption @ 87 psi	<b>cfm</b>	18	18
Max. input pressure	<b>psi</b>	101	101
Waterlift	<b>in.</b>	201	201
Airflow	<b>cfm</b>	79	79
Sound level	<b>dB(A)</b>	70	70
Air line length	<b>ft.</b>	49	49
Airline diameter	<b>in.</b>	1/2	1/2
Inlet diameter	<b>mm</b>	50	50
Main filterclass / type		M	M
Weight	<b>lbs.</b>	249	306
Dimensions (L x W x H)	<b>in.</b>	36 x 30 x 62	36 x 30 x 74

### EQUIPMENT

Order No.	Description
9.988-906.0	IVR 100/16 Pp
9.988-907.0	IVR 100/16 Pp HEPA

# HAZARDOUS LOCATION



## 1 Robust Wheels

- Flexible transport and usage of vacuum
- Smooth and high-quality wheels

## 2 Manual Emptying & Superior Filtration

- Easy-to-use set down mechanism ensures user safety
- 100 and 42 liter stainless steel collection containers
- HEPA filtration is standard

## 3 Pressure Indicator

- Control the power level with the mechanical pressure indicator
- Reliable and powerful
- Low ignition source and low sound level

Few issues facing facilities today are more imperative than concerns regarding combustible dust. Kärcher has developed a series of vacuums for the exclusive purpose of safely and effectively collecting this volatile dust. Available in single phase and 3-phase versions, Kärcher Explosion-Proof (EXP) industrial vacuums are CSA certified. For applications where electricity is not available, Kärcher offers a version of our air-operated vacuum that is suitable for Class II, Division I and II, Group F and G environments. The IVM 42/13-1 HEPA is Class I, Div. 1, Group D, and Class II, Div. 1, Group E, F, and G listed. The IVM 42/20-2 HEPA is Class II, Div. 2, Group F&G for hazardous locations.

## Technical Data and Equipment



**IVR 100/40 Pp HEPA EXP**

**IVS 100/40 HEPA EXP**

**IVM 42/13-1 HEPA EXP Div 1**

**IVM 42/20-2 HEPA EXP Div 2**

Technical data					
Collection type		Dry	Dry	Wet/Dry	Dry
Type of power		Pneumatic	3-Phase	120V	120V
Collection capacity	<b>gal.</b>	26.4	26.4	11.1	11.1
Air consumption @81 psi	<b>cfm</b>	42	N/A	N/A	N/A
Max. input pressure	<b>psi</b>	88	N/A	N/A	N/A
Voltage @ 60 Hz	<b>volts</b>	N/A	460	120	120
Power Rating	<b>HP</b>	N/A	5.4	0.87	2.73
Waterlift	<b>in.</b>	201	90	72	110
Airflow	<b>cfm</b>	201	215	145	200
Amps (maximum)	<b>A</b>	N/A	5.9	12	15.6
Sound level	<b>dBA</b>	70	72	78	75
Air line length	<b>ft.</b>	50	N/A	N/A	N/A
Air line diameter	<b>in.</b>	1/2	N/A	N/A	N/A
Power cord length	<b>ft.</b>	N/A	33	25	25
Inlet diameter	<b>mm</b>	50	70	50	50
Main filter class / type		M	M	M	M
Weight	<b>lbs.</b>	330	416	135	135
Dimensions (L x W x H)	<b>in.</b>	32 x 30 x 75	47 x 27 x 59	26 x 26 x 44	24 x 24 x 45

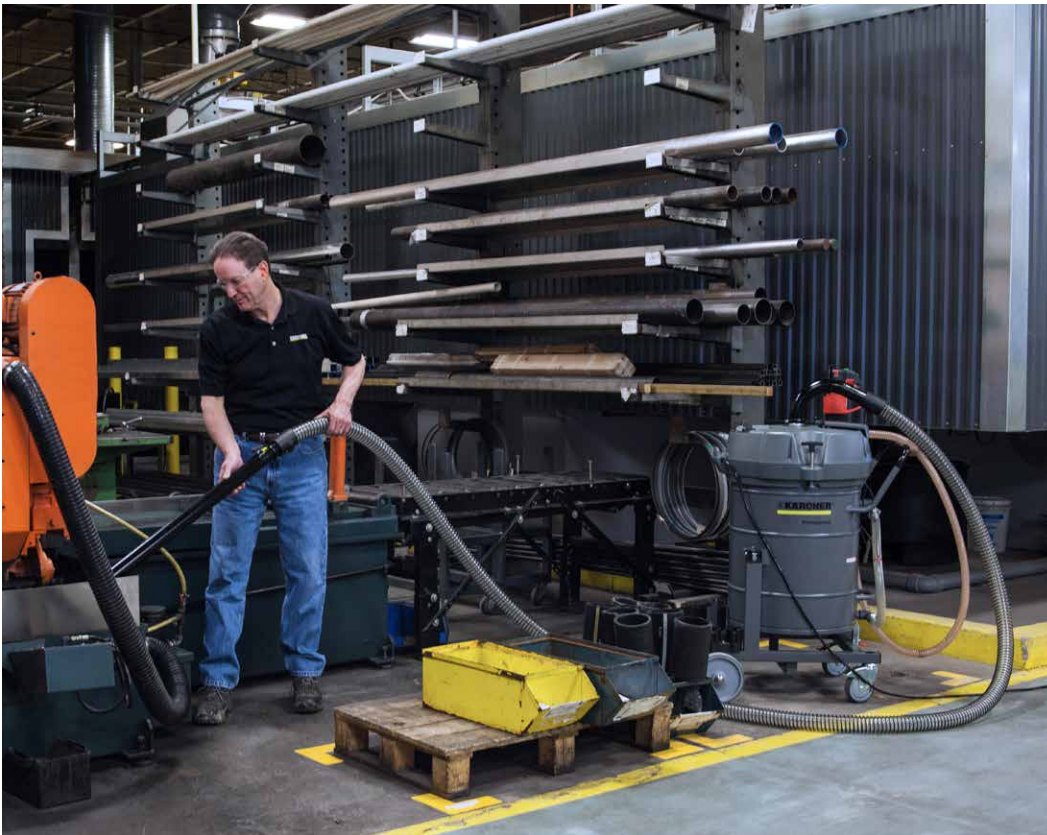
### Approvals



### EQUIPMENT

Order No.	Description
9.988-910.0	IVR 100/40 Pp HEPA EXP
9.988-914.0	IVS 100/40 HEPA EXP (3-Phase)
1.043-700.0	IVM 42/13-1 HEPA EXP Div 1
1.043-701.0	IVM 40/20-2 HEPA EXP Div 2

# OIL & COOLANT COLLECTION



## 1 Tilting chassis

- Chassis includes a lifting system for the collection container
- Robust 26.4 gallon collection tank with handles

## 2 Central top inlet

- Top air inlet through the machine head ensures long life of the vacuum

## 3 User-friendly industrial design

- Service-friendly and easy-to-use
- Welded frame construction
- Ensures reliability in processes and production

For the collection of oil and coolant mixed with metal chips, Kärcher has the answer. The IVR-L 100/18-2 offers superior collection and separation of these chips from the liquid, and offers the operator the ability to pump the collected oil and coolant back out to be disposed or recycled. An automatic shut-off prevents overfill. The IVR-L 100 has an optional chip basket, as well as oil resistant hoses and accessories.

## Technical Data and Equipment



**IVR-L 100/18-2**

### Technical data

Collection type		Wet/Dry
Type of power		1-Phase
Collection capacity	<b>gal.</b>	26.4
Voltage @ 60 Hz	<b>volts</b>	120
Power @ 60 Hz	<b>HP</b>	2.4
Waterlift	<b>in.</b>	88
Airflow	<b>cfm</b>	270
Amps (maximum)	<b>A</b>	15
Sound level	<b>dB(A)</b>	65
Power cord length	<b>ft.</b>	33
Inlet diameter	<b>mm</b>	50
Main filter class / type		L
Weight	<b>lbs.</b>	126
Dimensions (L x W x H)	<b>in.</b>	32 x 26 x 52

### Approvals



### EQUIPMENT

Order No.	Description
9.988-913.0	IVR-L 100/18-2 Tc Dp

# ACCESSORIES

## HOSES



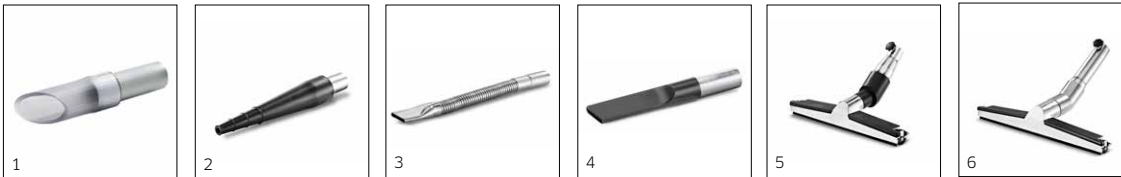
	Order No.	Max Temp	Bend Radius
<b>EVA Suction Hose</b>			
Suction hose, EVA, electrically conductive, 3-meters long, 50mm to 40mm	1 9.989-013.0	149°F	50 mm
Suction hose, EVA, electrically conductive, 5-meters long, 50mm to 40mm	1 9.989-014.0	149°F	50 mm
Suction hose, EVA, electrically conductive, 3-meters long, 70mm to 40mm	1 9.988-092.0	149°F	70 mm
Suction hose, EVA, electrically conductive, 5-meters long, 70mm to 40mm	1 9.988-093.0	149°F	70 mm
Suction hose, EVA, electrically conductive, 3-meters long, 50mm	1 9.988-090.0	149°F	50 mm
Suction hose, EVA, electrically conductive, 5-meters long, 50mm	1 9.988-091.0	149°F	50 mm
Suction hose, EVA, electrically conductive, 3-meters long, 70mm to 50mm	1 9.988-094.0	149°F	70 mm
Suction hose, EVA, electrically conductive, 5-meters long, 70mm to 50mm	1 9.988-095.0	149°F	70 mm
<b>PVC Hose</b>			
Suction hose, PVC, electrically conductive, 3-meters long, 70mm to 70mm	2 6.907-296.0	185°F	70 mm
Suction hose, PVC, electrically conductive, 5-meters long, 70mm to 70mm	2 6.907-297.0	185°F	70 mm
<b>Oil and Abrasion Resistant Hose</b>			
Suction hose, PU, 3-meters long, 50mm to 40mm	3 9.989-026.0	176°F	70 mm
Suction hose, PU, 5-meters long, 50mm to 40mm	3 9.989-027.0	176°F	70 mm
Suction hose, PU, 3-meters long, 50mm	3 6.907-316.0	176°F	70 mm
Suction hose, PU, 5-meters long, 50mm	3 6.907-317.0	176°F	70 mm
<b>Ex Hose</b>			
Suction hose, PU Plus, 3-meters long, 70mm to 50mm	4 9.989-015.0	140°F	70 mm
Suction hose, PU Plus, 5-meters long, 70mm to 50mm	4 9.989-016.0	140°F	70 mm
Suction hose, PU Plus, 3-meters long, 70mm to 40mm	4 9.989-017.0	140°F	50 mm
Suction hose, PU Plus, 5-meters long, 70mm to 40mm	4 9.989-018.0	140°F	50 mm
Suction hose, PU Plus, 3-meters long, 70mm to 70mm	4 9.989-020.0	140°F	100 mm
Suction hose, PU Plus, 5-meters long, 70mm to 70mm	4 9.989-021.0	140°F	100 mm
Suction hose, PU Plus, 3-meters long, 50mm to 40mm	4 9.989-022.0	140°F	50 mm
Suction hose, PU Plus, 5-meters long, 50mm to 40mm	4 9.989-023.0	140°F	50 mm
Suction hose, PU Plus, 3-meters long, 50mm to 50mm	4 9.989-024.0	140°F	70 mm
Suction hose, PU Plus, 5-meters long, 50mm to 50mm	4 9.989-025.0	140°F	70 mm

## BRUSHES



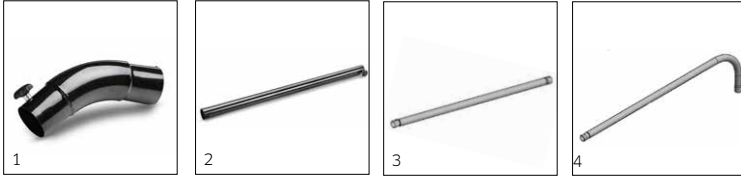
		Order No.
<b>Brushes</b>		
Suction brush, round-angled (45-degree) 40mm diameter	1	6.902-193.0
Suction brush, round-angled (45-degree) 50mm diameter	1	6.902-192.0
Pipe brush, 100mm wide, 40mm diameter	2	9.989-047.0
Pipe brush, 100mm wide, 50mm diameter	2	9.989-050.0
Pipe brush, 200mm wide, 40mm diameter	2	9.989-048.0
Pipe brush, 200mm wide, 50mm diameter	2	9.989-051.0
Pipe brush, 300mm wide, 40mm diameter	2	9.989-049.0
Pipe brush, 300mm wide, 50mm diameter	2	9.989-052.0

## NOZZLES & FLOOR TOOLS



		Order No.
<b>Nozzles</b>		
Nozzle, elastic rubber 40mm dia.	1	6.902-197.0
Nozzle, elastic rubber 50mm dia.	1	6.902-196.0
Suction nozzle, rubber/round 40mm dia.	2	6.902-200.0
Suction nozzle, rubber/round 50mm dia.	2	6.902-199.0
Crevice nozzle, steel 10mm wide, 40mm dia.	3	6.902-190.0
Crevice nozzle, zinc-coated steel 17mm wide, 50mm dia.	3	6.902-189.0
Crevice nozzle, stainless steel, 50mm dia.	3	9.988-123.0
Round nozzle, zinc-coated steel, flexible rubber tip 40mm dia.		9.981-420.0
Round nozzle, zinc-coated steel, flexible rubber tip 50mm dia.		9.981-421.0
Multi-purpose crevice nozzle, plastic 225mm long 40mm dia.	4	9.988-116.0
Multi-purpose crevice nozzle, plastic 225mm long 50mm dia.	4	9.988-117.0
<b>Floor Tools</b>		
Floor nozzle, 370mm wide, 40mm dia.	5	6.902-185.0
Floor nozzle, 370mm wide, 50mm dia.	5	6.902-184.0
Floor nozzle, 500mm wide, 50mm dia.	6	6.902-186.0
Floor nozzle, electrically conductive, (Ex) 370mm wide, 40mm dia.	6	6.902-213.0
Wall brush, 300mm wide, horsehair bristles, 40mm dia.		9.981-911.0
Wall brush, 300mm wide, horsehair bristles, 50mm dia.		9.981-912.0
Floor nozzle, stainless steel, 370mm wide, 50mm dia.	5	9.988-115.0

## SUCTION TUBES, ELBOWS



		Order No.
<b>Suction Tubes, Elbows</b>		
Elbow, coated 40mm dia.	1	6.902-202.0
Elbow, coated 50mm dia.	1	6.902-201.0
Suction tube, coated 750mm long, 40mm dia.	2	6.902-182.0
Suction tube, coated 850mm long, 50mm dia.	2	6.902-181.0
Suction tube, aluminum 1500mm long, 40mm dia	3	9.989-038.0
Suction tube, aluminum 1500mm long, 50mm dia.	3	9.989-035.0
Suction tube, stainless steel 40mm dia.	2	9.989-039.0
Suction tube, stainless steel, electrically conductive 50mm dia.	2	9.988-114.0
Curved suction tube, aluminum 1500mm long, 40mm dia.	4	9.989-046.0
Curved suction tube, aluminum 1500mm long, 50mm dia.	4	9.989-045.0
Curved 45degree tube, stainless steel, 40mm dia.		9.989-036.0
Curved 45degree tube, stainless steel, electrically conductive 50mm dia.		9.988-111.0

## GENERAL ACCESSORIES



		Order No.
<b>General Accessories</b>		
Reducer, 50mm to 40mm dia.	1	6.902-179.0
Reducer, 70mm to 50mm dia.	1	6.902-180.0
Adapter for IVM 42/13-1 vacuum, and IVM 42/20-2 50mm	2	9.989-161.0
Adapter for IVM 42/13-1 vacuum, and IVM 42/20-2 40mm	3	9.989-192.0
Y-Connector from 70mm to two 50mm items	4	6.902-206.0
Float insert, stainless steel, for overflow protection with ball float, central suction	5	9.982-117.0
Wire chip basket, 40-liter, stainless steel	6	9.980-849.0
Polyester chip basket, 40-liter	7	9.981-048.0
Crane/Forklift emptying device, max. 260kg (570lbs.) weight	8	2.642-842.0
Pre-separator, tilting chassis, 125-liter, complete w/cover, 50mm connections	9	9.986-372.0
Pre-separator lid only	10	9.986-370.0



## FILTERS



		Order No.
<b>IVM 50/24-2 (9.988-902.0) &amp; IVM 100/24-2 (9.988-918.0)</b>		
Air intake cartridge filter, cooling - requires 2	1	9.989-190.0
Main pocket filter, 1,75m <sup>2</sup> category M	2	9.981-680.0
Exhaust flat-pleated filter, cellulose, M	4	6.907-276.0
<b>IVM 50/24-2 HEPA (9.988-903.0) &amp; IVM 100/24-2 HEPA (9.988-919.0)</b>		
Air intake cartridge filter, cooling - requires 2	1	9.989-190.0
Main pocket filter, 1,75m <sup>2</sup> category M	2	9.981-680.0
Exhaust flat-pleated filter, cellulose, HEPA	3	6.904-364.0
<b>IVM 35/17-2 HEPA (9.988-905.0)</b>		
Air intake cartridge filter, cooling - requires 2	1	9.989-190.0
Main pocket filter, 1,75m <sup>2</sup> category M	2	9.981-699.0
Exhaust flat-pleated filter, cellulose, HEPA	3	6.904-364.0
<b>IVR 100/16-Pp Pf (9.988-906.0)</b>		
Main pocket filter, 1,75m <sup>2</sup> category M	2	9.981-680.0
Surface Filter 0,45m <sup>2</sup> category L		9.980-179.0
<b>IVR 100/16-Pp Pf HEPA (9.988-907.0)</b>		
Main pocket filter, 1,75m <sup>2</sup> category M	2	9.981-680.0
Exhaust surface Filter 0,45m <sup>2</sup> category L		9.980-179.0
Exhaust cartridge filter, HEPA	3	9.980-249.0
<b>IVS 100/65 (9.988-908.0) &amp; IVS 100/40 (9.988-911.0)</b>		
Star filter M	2	9.439-542.0
<b>IVS 100/65 HEPA (9.988-909.0) &amp; IVS 100/40 HEPA (9.988-912.0) &amp; IVS 100/40 Exp HEPA (9.988-914.0)</b>		
Star filter M	2	9.439-542.0
Flat-pleated filter cellulose HEPA	3	6.904-364.0
<b>IVR 100/40-Pp HEPA Exp (9.988-910.0)</b>		
Main pocket filter, 1,75m <sup>2</sup> category M	1	9.981-680.0
Exhaust surface Filter 0,45m <sup>2</sup> , category L		9.980-179.0
Exhaust cartridge filter, HEPA	3	9.980-249.0
<b>IVM 42/13-1 HEPA EXP (1.043-700.0)</b>		
Static dissipating main filter	5	8.638-490.0
Static dissipating pre-filter	6	8.638-491.0
Exhaust cartridge filter, HEPA	7	9.980-249.0
<b>IVM 42/20-2 HEPA EXP (1.043-701.0)</b>		
Static dissipating main filter	5	8.638-490.0
Static dissipating pre-filter	6	8.638-491.0
HEPA filter	7	8.643-622.0
<b>IVR-L 100/18-2 Tc Dp (9.988-913.0)</b>		
Exhaust surface Filter 0,45m <sup>2</sup> category L		9.980-179.0
<b>IVR-B 20/6 (9.988-915.0)</b>		
Cartridge filter, category M	4	9.979-291.0



# INDUSTRY-LEADING 3 YEAR WARRANTY.

We believe in the quality of our products as much as we care about the people who use them. That's why we're proud to offer the Kärcher 3 year warranty on our entire line of industrial vacuums.

#### Limited Warranty

Kärcher warrants new machines against defects in material and workmanship under normal use and service to the original purchaser.

#### 90-Day Normal Wear Warranty

Normal wear items, filters, and accessories will be warranted for manufacturing defects for 90-days from the purchase date.

#### 3 Years

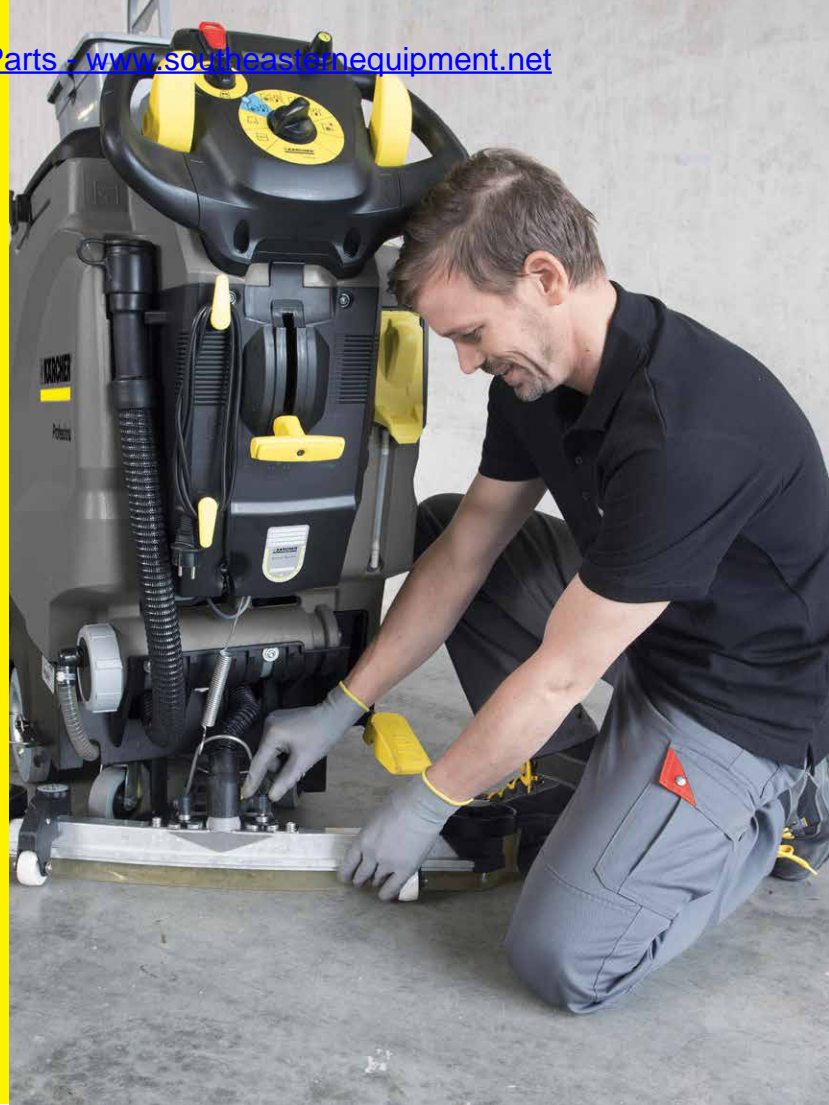
Replacement parts and labor charges are covered for up to 3 years from the date of purchase through an authorized service provider.

#### Contact Us

Phone:  
800-444-7654

Email:  
[kna.warranty@karcherna.com](mailto:kna.warranty@karcherna.com)

# PROVIDING PEACE OF MIND.



Kärcher Service ensures that you can trust your professional cleaning equipment to work. Every day. Every night. Everywhere.

To cover all your service needs, we offer optimal service, advanced technologies, expert training, asset management tools and spare parts and accessories.

Rely on Kärcher Service for your one-stop aftermarket solution.



## Kärcher Service

On-site repairs

Preventative maintenance

Training and installation

### Going the distance

Know your machinery. We provide training and installation for your new floor care equipment purchases.

### We are here for you

We offer friendly, local service that includes same-day and next-day service. Utilize Kärcher Service to quickly fix equipment that is down.

### Contact us any time

Our reliable and friendly customer service agents are happy to answer any of your questions. Contact us by phone at 877-527-2437.

### Successful operation

Increase operator and customer safety with equipment that is reliable and will leave your floors clean and dry.

### Proactive maintenance

Schedule regular inspections with our packaged solutions and avoid costly, unplanned equipment servicing.

Please contact us for more information:

**Kärcher North America**

4555 Airport Way  
Denver, CO 80239  
U.S.A.

Phone 800-456-6649  
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