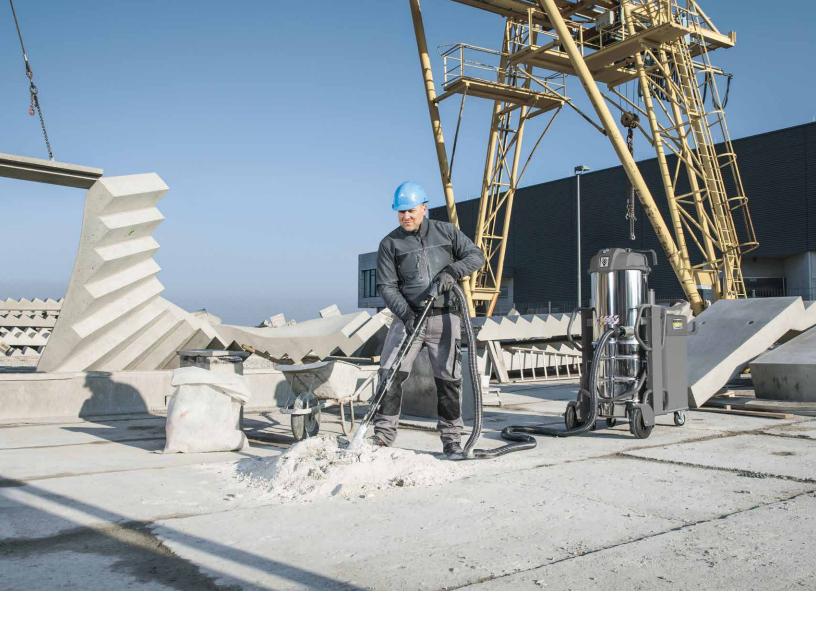
# **KÄRCHER**



# 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.



- Intermittent Duty Continuous Duty Air Operated

- Hazardous Location
- Oil and Coolant Collection
- Accessories
- Warranty and Service

# INTERMITTENT DUTY









- 1 Impressive filtration
- Long lasting pocket filter
- Mechanical filter cleaning ensures product lifetime
- HEPA filtration option
  - 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 15 and 26 gallon collection capacities, Kärcher offers companies a choice when it comes to their mobile industrial vacuuming needs.





IVM 60/24-2

IVM 100/24-2

Technical data			
Collection type		DRY	DRY
Type of power		1-Phase	1-Phase
Collection capacity	gal.	15.8	26.4
Voltage @ 60 Hz	volts	120	120
Power rating	HP	3.2	3.2
Waterlift	in.	102	102
Airflow	cfm	313	313
Amps (maximum)	Α	17.5	17.5
Sound level	dBA	68	68
Power cord length	ft.	33	33
Inlet diameter	mm	70	70
Main filter class / type		M	M
Weight	lbs.	150	162
Dimensions (L x W x H)	in.	37 X 25 X 61	37 X 25 X 71

#### Both Vacuums NFPA 652 Compliant



Order No.	Description
9.988-900.0	IVM 60/24-2
9.988-901.0	IVM 60/24-2 HEPA
9.988-916.0	IVM 100/24-2
9.988-917.0	IVM 100/24-2 HEPA

# **CONTINUOUS DUTY**









- 1 Easy-to-operate
- Simple knobs and easy-to-connect hoses
- $\hfill \blacksquare$  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

#### 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.





		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	gal.	26.4	26.4	26.4	26.4	5.3
Voltage @ 60 Hz	volts	460	460	460	460	460
Power rating	HP	5.4	5.4	8.7	8.7	.8
Waterlift	in.	109	109	80	80	28
Airflow	cfm	216	216	380	380	103
Amps (maximum)	Α	7.6	7.6	9.8	9.8	1.85
Sound level	dBA	75	75	75	75	75
Power cord length	ft.	33	33	33	33	33
Inlet diameter	mm	70	70	70	70	50
Main filter class / type		М	М	М	М	М
Weight	lbs.	375	375	370	415	71
Dimensions (L x W x H)	in.	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



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.



#### IVR 100/16 Pp

#### IVR 100/16 Pp HEPA

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

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.



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

#### Approvals





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



#### IVR-L 100/18-2

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

Order No.	Description
Order No.	Description
9 988-913 0	IVR-L 100/18-2 Tc Dn

# **ACCESSORIES**

#### **ACCESSORY KITS**

	Order No.
40mm Accessory Kit SOLIDS/DUST Includes: Reducer, 5-Meter EVA Hose, Suction Brush, Elbow, 850mm Extension Tube, 370mm Floor Nozzle	9.809-001.0
50mm Accessory Kit SOLIDS/DUST Includes: 5-Meter EVA Hose, 70mm-50mm Reducer, Suction Brush, Standard Nozzle, Elbow, 850mm Extension Tube, 370mm Floor Nozzle	9.809-000.0
40mm Accessory Kit HIGH TEMP/OVEN Includes: Reducer, 3-Meter High Temp Hose, Handle, Adapter, 2x High Temp Suction Tubes, FDA Clear Floor Nozzle	9.989-939.0
50mm Accessory Kit HIGH TEMP/OVEN Includes: Reducer, 3-Meter High Temp Hose, Handle, Adapter, 2x High Temp Suction Tubes, FDA Clear Floor Nozzle	9.989-938.0

#### **HOSES**







		Order No.	Max Temp	Bend Radius
EVA Suction Hose				
Suction hose, EVA, 3-meters long, 40mm	1	9.988-088.0	149°F	40 mm
Suction hose, EVA, 5-meters long, 40mm	1	9.988-089.0	149°F	50 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, 15-meters long, (50') 50mm (No end cones)	1	9.989-631.0		
Hose Kit (Two End Cones) 50mm	1	9.989-628.0		
Oil and Abrasion Resistant Hose				
Suction hose, Oil and Abrasion-Resistant, 3-meters long, 40mm	3	9.989-617.0	176°F	70 mm
Suction hose, Oil and Abrasion-Resistant, 5-meters long, 40mm	3	9.989-618.0	176°F	70 mm
Suction hose, Oil and Abrasion-Resistant, 3-meters long, 50mm	3	9.989-619.0	176°F	70 mm
Suction hose, Oil and Abrasion-Resistant 5-meters long, 50mm	3	9.989-620.0	176°F	70 mm
PVC Hose				
Suction hose, PVC, electrically conductive, 3-meters long, 70mm to 70mm	2	9.989-635.0	185°F	70 mm
Suction hose, PVC, electrically conductive, 5-meters long, 70mm to 70mm	2	6.907-297.0	185°F	70 mm

### **BRUSHES**





		Order No.
Brushes		
Suction brush, round-angled (45-degree) 40mm diameter	1	9.989-609.0
Suction brush, round-angled (45-degree) 50mm diameter	1	9.989-608.0
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.
Nozzles		
Nozzle, elastic rubber 40mm dia.	1	9.989-674.0
Nozzle, elastic rubber 50mm dia.	1	9.989-673.0
Suction nozzle, rubber/round 40mm dia.	2	6.902-200.0
Suction nozzle, rubber/round 50mm dia.	2	9.989-675.0
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.	3	9.981-420.0
Round nozzle, zinc-coated steel, flexible rubber tip 50mm dia.	3	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
Floor Tools		
Floor nozzle, 370mm wide, 40mm dia.	5	9.989-683.0
Floor nozzle, 370mm wide, 50mm dia.	5	9.989-664.0
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

### **SUCTION TUBES, ELBOWS**









		Order No.
Suction Tubes, Elbows		
Elbow, coated 40mm dia.	1	9.977-679.0
Elbow, coated 50mm dia.	1	9.977-678.0
Suction Tube (Floor Nozzle), 850mm long, 40mm dia.	2	9.977-525.0
Suction Tube (Floor Nozzle), 850mm long, 50mm dia.	2	9.977-531.0
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 (Floor Nozzle) Stainless Steel 850mm long, 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
Suction tube, carbon, 1500mm long, 40mm dia.		9.989-552.0
Suction tube, carbon, 1500mm long, 50mm dia.		9.989-553.0

# **ACCESSORIES**

#### **GENERAL ACCESSORIES**















		Order No.
General Accessories		
Reducer, 50mm to 40mm dia.	1	9.981-231.0
Reducer, 70mm to 50mm dia.	1	9.977-772.0
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	9.989-611.0
Wire chip basket, 40-liter, stainless steel	5	9.980-849.0
Polyester chip basket, 40-liter	6	9.981-048.0
Crane/Forklift emptying device, max. 260kg (570lbs.) weight	7	2.642-842.0

#### **FILTERS**















		Order No.
FOR IVM 60/24-2 (9.988-900.0) & IVM 100/24-2 (9.988-916.0)		
Cartridge filter cooling air intake (2 required)		9.989-190.0
Main Filter PE/PTFE M 2,2m² (High Temp)		6.907-651.0
Flat-pleated filter cellulose, category "M"		6.907-276.0
Replacement Motor		4.324-002.0
FOR IVM 60/24-2 HEPA (9.988-901.0) & IVM 100/24-2 HEPA (9.988-917.0)		
Cartridge filter cooling air intake (2 required)		9.989-190.0
Main Filter PE/PTFE M 2,2m² (High Temp)		6.907-651.0
Flat-pleated filter cellulose, category HEPA		6.904-364.0
Replacement Motor		4.324-002.0
IVM 50/24-2 (9.988-902.0) & IVM 100/24-2 (9.988-918.0)		
Air intake cartridge filter, cooling - requires 2	1	9.989-190.0
Main pocket filter, 1,75m² category M	2	9.981-680.0
Exhaust flat-pleated filter, cellulose, M	4	6.907-276.0
IVM 50/24-2 HEPA (9.988-903.0) & IVM 100/24-2 HEPA (9.988-919.0)		
Air intake cartridge filter, cooling - requires 2	1	9.989-190.0
Main pocket filter, 1,75m² category M	2	9.981-680.0
Exhaust flat-pleated filter, cellulose, HEPA	3	6.904-364.0

IVM 35/17-2 HEPA (9.988-905.0)

### **FILTERS (CONTINUED)**

		Order No.
Air intake cartridge filter, cooling - requires 2	1	9.989-190.0
Main pocket filter, 1,75m² category M	2	9.981-699.0
Exhaust flat-pleated filter, cellulose, HEPA	3	6.904-364.0
IVR 100/16-Pp Pf (9.988-906.0)		
Main pocket filter, 1,75m² category M	2	9.981-680.0
Surface Filter 0,45m² category L		9.980-180.0
IVR 100/16-Pp Pf HEPA (9.988-907.0)		
Main pocket filter, 1,75m² category M	2	9.981-680.0
Exhaust surface Filter 0,45m² category L		9.980-180.0
Exhaust cartridge filter, HEPA	3	9.980-249.0
IVS 100/65 (9.988-908.0) & IVS 100/40 (9.988-911.0)		
Star filter M	2	9.439-542.0
IVS 100/65 HEPA (9.988-909.0) & IVS 100/40 HEPA (9.988-912.0) & IVS 100/40 Exp HEPA (9.988-914.0)		
Star filter M	2	9.439-542.0
Flat-pleated filter cellulose HEPA	3	6.904-364.0
IVR 100/40-Pp HEPA Exp (9.988-910.0)		
Main pocket filter, 1,75m² category M	1	9.981-680.0
Exhaust surface Filter 0,45m², category L		9.980-180.0
Exhaust cartridge filter, HEPA	3	9.980-249.0
IVM 42/13-1 HEPA EXP (1.043-700.0)		
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
VM 42/20-2 HEPA EXP (1.043-701.0)		
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
IVR-L 100/18-2 Tc Dp (9.988-913.0)		
Exhaust surface Filter 0,45m² category L		9.980-180.0
IVR-B 20/6 (9.988-915.0)		
Cartridge filter, category M	4	9.979-291.0

### FDA CONFORMING COLOR-CODED ACCESSORIES

	Order No.
Color Coded Accessories (FDA Conform)	
Suction tube Aluminum double layer high temperature 1000 mm FDN40	9.989-928.0
Suction tube Aluminum double layer high temperature 1000 mm FDN50	9.989-929.0
Suction tube Aluminum double layer high temperature 2000 mm FDN40	9.989-930.0
Suction tube Aluminum double layer high temperature 2000 mm FDN50	9.989-931.0
Suction tube Aluminum double layer high temperature 3000 mm FDN40	9.989-932.0
Suction tube Aluminum double layer high temperature 3000 mm FDN50	9.989-933.0
Standard nozzle silicone blue FDN40	9.989-835.0
Standard nozzle silicone green FDN40	9.989-836.0
Standard nozzle silicone red FDN40	9.989-837.0
Standard nozzle silicone transparent FDN40	9.989-838.0
Standard nozzle silicone white FDN40	9.989-839.0
Standard nozzle silicone yellow FDN40	9.989-840.0

# **ACCESSORIES**

### FDA CONFORMING COLOR-CODED ACCESSORIES (CONTINUED)

	Order No.
Standard nozzle silicone blue FDN50	9.989-841.0
standard nozzle silicone green FDN50	9.989-842.0
tandard nozzle silicone red FDN50	9.989-843.0
tandard nozzle silicone transparent FDN50	9.989-844.0
tandard nozzle silicone white FDN50	9.989-845.0
tandard nozzle silicone yellow FDN50	9.989-846.0
revice nozzle bendable silicone transparent 240 mm FDN50	9.989-848.0
revice nozzle bendable silicone transparent 240 mm FDN40	9.989-847.0
loor nozzle st. steel AISI 316L blue 400 mm FDN40	9.989-861.0
loor nozzle st. steel AISI 316L blue 400 mm FDN50	9.989-862.0
loor nozzle st. steel AISI 316L green 400 mm FDN40	9.989-863.0
loor nozzle st. steel AISI 316L green 400 mm FDN50	9.989-864.0
loor nozzle st. steel AISI 316L red 400 mm FDN40	9.989-865.0
loor nozzle st. steel AISI 316L red 400 mm FDN50	9.989-866.0
loor nozzle st. steel AISI 316L transparent 400 mm FDN40	9.989-867.0
loor nozzle st. steel AISI 316L transparent 400 mm FDN50	9.989-868.0
loor nozzle st. steel AISI 316L white 400 mm FDN40	9.989-869.0
loor nozzle st. steel AISI 316L white 400 mm FDN50	9.989-870.0
loor nozzle st. steel AISI 316L yellow 400 mm FDN40	9.989-871.0
oor nozzle st. steel AISI 316L yellow 400 mm FDN50	9.989-872.0
loor nozzle st. steel AISI 304 400 mm FDN40	9.989-914.0
oor nozzle st. steel AISI 304 400 mm FDN50	9.989-915.0
oor nozzle high temperature st. steel 400 mm FDN40	9.989-934.0
oor nozzle high temperature st. steel 400 mm FDN50	9.989-935.0
urface nozzle Silicone blue 120 mm FDN40	9.989-849.0
urface nozzle Silicone blue 120 mm FDN50	9.989-850.0
urface nozzle Silicone green 120 mm FDN40	9.989-851.0
urface nozzle Silicone green 120 mm FDN50	9.989-852.0
urface nozzle Silicone red 120 mm FDN40	9.989-853.0
urface nozzle Silicone red 120 mm FDN50	9.989-854.0
urface nozzle Silicone transparent 120 mm FDN40	9.989-855.0
urface nozzle Silicone transparent 120 mm FDN50	9.989-856.0
urface nozzle Silicone white 120 mm FDN40	9.989-857.0
urface nozzle Silicone white 120 mm FDN50	9.989-858.0
urface nozzle Silicone yellow 120 mm FDN40	9.989-859.0
urface nozzle Silicone yellow 120 mm FDN50	9.989-860.0
encil brush FDA blue ø 75 mm FDN40	9.989-873.0
encil brush FDA blue ø 75 mm FDN50	9.989-874.0
encil brush FDA green ø 75 mm FDN40	9.989-875.0
encil brush FDA green ø 75 mm FDN50	9.989-876.0
encil brush FDA red ø 75 mm FDN40	9.989-877.0
encil brush FDA red ø 75 mm FDN50	9.989-878.0
encil brush FDA white ø 75 mm FDN40	9.989-879.0
encil brush FDA white ø 75 mm FDN50	9.989-880.0
encil brush FDA yellow ø 75 mm FDN40	9.989-881.0
encil brush FDA yellow ø 75 mm FDN50	9.989-882.0



# 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:

service.us@karcher.com

Please contact us for more information:

#### Kärcher U.S.A.

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