



## HDS 5/15 U

Our HDS 5/15 U hot water high-pressure cleaner impresses with its extremely compact, ergonomically sophisticated upright design, as well as exceptional performance characteristics.









1 Innovative upright design

- Effortless transport over landings or stairs.
- Large wheels for unpaved surfaces.

#### 2 Water fine filter

- Efficiently protects high-pressure pump against contamination.
- Easy to remove from outside.





#### 3 Compact design

- Space-saving storage and transport
- Spill-proof pump and fuel tank for flat transport.

# 4 Save time and effort: EASY!Force high-pressure gun and EASY!Lock quick-release couplings.

- Effortless operation at last: the EASY!Force high-pressure gun.
- EASY!Lock quick-release couplings: durable and robust. And five times faster than screws.
- HDS 5/15 U, 1.064-912.0, 2018-02-08

## **TECHNICAL DATA AND EQUIPMENT**

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#### HDS 5/15 U

Mobile entry-level model

- Space-saving upright design
   Exhaust temperature monitoring

Technical data		
Order no.		1.064-912.0
EAN code		4054278139968
Current type	Ph / V / Hz	1 / 230 / 50
Flow rate	l/h	450
Pressure	bar / MPa	150 / 15
Max. temperature	°C	80
Connection load	kW	2.7
Heating oil or gas consumption, full load	kg/h	2.4
Fuel tank	1	6.5
Weight	kg	74
Dimensions (L × W × H)	mm	618 × 618 × 994

#### Equipment

Spray gun		EASY!Force Advanced
High-pressure hose	m	10
Spray lance	mm	840
ANTI!Twist		-
Pressure cut-off		-
Servo Control		

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				Max. working				
		Order no.	ID	pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 10 m, ANTI!Twist	1	6.110-031.0	ID 8	315 bar	10 m		High-pressure hose (ID 8) suitable for up to 315 bar pres- sure. High-pressure hose with innovative EASY!Lock hand screw connection at both ends, ANTI!Twist, 10 m long.	
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 15 m, ANTI!Twist	2	6.110-030.0	ID 8	315 bar	15 m		15 m long high-pressure hose, ID 8, with ANTI!Twist at both ends with time-saving EASY!Lock hand screw connection.	
High-pressure hose 2 x EASY!Lock DN 8, 315 bar, 20 m, ANTI!Twist	3	6.110-032.0	ID 8	315 bar	20 m		High-pressure hose (ID 8), 20 m long, with time-saving and robust EASY!Lock hand screw connection at both ends. For up to 315 bar pressure.	
High-pressure hose, 2 x EASY!Lock, DN 8, 315 bar, 30 m, ANTI!Twist	4	6.110-014.0	ID 8	315 bar	30 m		Convenient length (30 m) and innovative EASY!Lock hand screw connection: high-pressure hose (ID 8) with ANTI!Twist for up to 315 bar pressure.	t 🔺
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 15 m	5	6.110-042.0	ID 10	220 bar	15 m		With innovative EASY!Lock hand screw connection for up to 220 bar pressure: 15 m long high-pressure hose (ID 10).	,
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 20 m	6	6.110-043.0	ID 10	220 bar	20 m		Main features of this high-pressure hose (ID 10): 20 m long with extremely time-saving and convenient EASY!Lock hand screw connection at both ends.	
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 25 m	7	6.110-044.0	ID 10	220 bar	25 m		Impressive values and basic equipment: high-pressure hose (ID 10), 25 m long, for up to 220 bar pressure.	,
High-pressure hose, 2 x EASY!Lock, DN 10, 220 bar, 40 m	8	6.110-045.0	ID 10	220 bar	40 m		40 m long high-pressure hose with EASY!Lock system for time-saving hand screw connection (at both ends). (ID) 10, up to 220 bar working pressure.	
High-pressure hose, 2 x EASY!Lock, DN 12, 210 bar, 15 m	9	6.110-059.0	ID 12	210 bar	15 m		Suitable for up to 250 bar working pressure: high-pressure hose (ID 12), 15 m long, with convenient EASY!Lock hand screw connection at both ends.	
High-pressure hose, 2 x EASY!Lock, 2x EASY!Lock, DN 12, 210 bar, 40 m	10	6.110-060.0	ID 12	210 bar	40 m		With EASY!Lock hand screw connection, 40 m long for wide working radius: high-pressure hose (ID 12) with EASY!Lock hand screw connection at both ends. Suitable for up to 250 bar working pressure.	
High-pressure hose, 2 x EASY!Lock, DN 6, 250 bar, 10 m	11	6.110-034.0	ID 6	250 bar	10 m		High-pressure hose, 10 m long with EASY!Lock hand screw connection at both ends. ID 6, suitable for up to 250 bar.	
High-pressure hose 2 x EASY!Lock DN 6, 250 bar, 10 m, ANTI!Twist	12	6.110-035.0	ID 6	250 bar	10 m		High-pressure hose with EASY!Lock hand screw connection at both ends (ID 6), 10 m long. Suitable for up to 250 bar pressure with ANTI!Twist.	
High-pressure hose 2 x EASY!Lock DN 6, 300 bar, 10 m, ANTI!Twist	13	6.110-056.0	ID 6	300 bar	10 m		High-pressure hose (ID 6) with ANT!!Twist and new EASY!Lock hand screw connection at both ends. For up to 300 bar pressure. 10 m long.	
Longlife 400 with unions on both si	des							
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 30 m, ANTI!Twist	14	6.110-023.0	ID 8	400 bar	30 m		Durable high-pressure hose with double steel reinforcemen ANTI!Twist and EASY!Lock hand screw connection at both ends. ID 8, 30 m long, for up to 400 bar pressure.	t,
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 20 m, ANTI!Twist	15	6.110-027.0	ID 8	400 bar	20 m		High-pressure hose with ANTI!Twist, EASY!Lock hand screw connections and double steel reinforcement. 20 m long, ID 8 EASY!Lock hand screw connection at both ends.	
Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, 400 bar, 15 m, ANTI!Twist		6.110-029.0	ID 8	400 bar	15 m		The double steel reinforcement ensures a long lifetime of this 15 m long high-pressure hose (ID 8), approved for up to 400 bar pressure hose.	<b>د</b> د
Longlife 400 high-pressure hose, 1 x EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	17	6.110-069.0	ID 8	400 bar	1.5 m		High-pressure hose (ID 8) with double steel reinforcement, 30 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.	

■ Included in delivery. 
□ Available accessories. 
▲ Extension hose.

HDS 5/15 U, 1.064-912.0, 2018-02-08



		Order no.	ID	Max. working pressure	Length	Price	Description
Food industry version with unions	on bot	h sides					
High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 10 m, AN- TI!Twist	18	6.110-051.0	ID 8	250 bar	10 m		High-pressure hose (ID 8), 10 m long, with grey, non-mark- ing outer covering. Approved for use in the food industry. With quick and robust EASY!Lock hand screw connection at both ends.
High-pressure hose, food grade, 2 x EASY!Lock, DN 8, 20 m, AN- TI!Twist	19	6.110-052.0	ID 8	250 bar	20 m		Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, AN- TI!Twist and EASY!Lock hand screw connections.
Special hoses							
High-pressure hose, 1 x curved EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	20	6.110-068.0	ID 8	400 bar	1.5 m		For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connec- tion. 1.5 m long, suitable for up to 400 bar working pres- sure.

 $\blacksquare$  Included in delivery.  $\hfill\square$  Available accessories.  $\hfill A$  Extension hose.



		Order no.	Flow rate		Price	Description
Trigger guns						
EASY!Force Advanced	1	4.118-005.0				Effortless, not energy-sapping: the EASY!Force high-pres- sure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.
Quick connect						
Quick coupling	2	2.115-000.0				For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.
Male coupling	3	2.115-001.0				Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.



		Order no.	Max. working pressure	Nozzle size		Price	Description
Triple nozzles							
Triple nozzle	1	4.117-024.0	300 bar	28			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For machines with an injector, the low-pressure flat stream is useful for cleaning agent suction and application. Connection M 18 x 1.5.
Dirt blaster, large							
Dirt blaster, large	2	4.114-040.0	300 bar	35			The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzle and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85°C.

### ACCESSORIES FOR HDS 5/15 U 1.064-912.0

1	2	3	4	5	6	7
8	9	10	11	12	13	14

		Order no.	Max. working pressure	Length		Price	Description	
Rotating spray lances				1	1			
Spray lance, 840 mm, rotating	1	4.112-006.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° I under pressure.	-
Spray lance, 250 mm, rotating	2	4.112-027.0	300 bar	250 mm				
Spray lance, 400 mm, rotatable	3	4.112-024.0	300 bar	400 mm				
600 mm spray pipe, rotatable	4	4.112-007.0	300 bar	600 mm			under pressure.	
1050 mm spray pipe, rotatable	5	4.112-000.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° [ under pressure.	
1550 mm spray pipe, rotatable	6	4.112-018.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° [ under pressure.	
2050 mm spray pipe, rotatable	7	4.112-021.0	300 bar	2050 mm			2050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° [ under pressure.	
EASY!Lock 1000 mm spray lance extender	8	4.112-048.0	300 bar	1000 mm			Spray lance extension with EASY!Lock connection. Length [ 1000 mm. [	
Angular spray lance								
Spray lance for toilets and rain gutters	9	4.112-029.0					Stainless steel lance WC and gutter with nozzle insert. Spe- cially shaped for effective and hygienic cleaning of gutters and toilets.	
Flexible spray lance								
Flexible lance 1050 mm	10	4.112-035.0	210 bar	1050 mm			1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	
Telescopic spray lance			1	1	1		1	
Telescopic spray lance	11	4.112-037.0	225 bar	5400 mm			Can be continuously extended from 1.8 to 5.4 m. For clean- ing areas that are difficult to reach, such as ceilings or fa- cades. With integrated HD trigger gun, M 22 x 1.5 connec- tion with rotary coupling. Connection for M 18 x 1.5 nozzles.	
Strap for telescopic spray pipe	12	6.373-987.0					Convenient strap for relief when working with the telescop- ic spray lance (6.394-690). The burden is optimally distrib- uted on the body and longer periods of use are possible.	
Gutter cleaner			1	1	1		1	
Gutter cleaning lance	13	2.112-015.0		960 mm			The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.	
Undercarriage spray lance								
Underbody lance	14	4.112-032.0		700 mm			Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	
Additional handle			1	1	1			
Additional handle for EASY!Lock spray lances	15	4.321-380.0					Comfortable in every situation - the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360°-rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.	



		Order no.	Max. working pressure	Length		Price	Description
Power Control Strahlrohr							
Power Control spray lance 027	16	4.112-043.0					The PowerControl spray lance with nozzle size 027 allows infinitely variable adjustment of the pressure directly in the gripping area and thus an exact adaptation of the power to the respective task.



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		Order no.				Price	Description	
Y distributor		-					· · · · · · · · · · · · · · · · · · ·	
Y distributor	1	4.111-024.0						
■ Included in delivery.	🗆 Availabl	e accessories.	▲ Extension h	ose.				

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		Order no.	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30								
Hose fastening attachment kit	1	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	
Dirt trap attachment kit	2	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	
FR 30 Me surface cleaner								
Hard Surface Cleaner FR 30 Me	3	2.111-013.0			300 mm		Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	
Machine-specific nozzle kits for FR	1							
Nozzle kit for surface cleaners	4	2.640-482.0	450-500 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (450 to 500 l/h).	
Machine-specific nozzle kits for FR	v							
Nozzle kit 035 - for FRV	5	2.642-430.0		35			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	
FRV 30 Me surface cleaner								
Extension hose FRV 30 Me and FRV 50 Me	6	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	
FRV 30 Me Surface Cleaner	7	2.111-012.0					Thanks to automatic suction of the dirty water, the stainless steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C.	

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8	9	10	Ð			<b>1</b> 2			
		Order no.					Price	Description	
Nozzle union									
Nozzle screws	1	4.112-011.0						Nozzle screws with protectors for high-pressure and pow	er 🗆
Rotary coupling								nozzles	
Rotary coupling	2	4.111-021.0						Reliably prevents twisting of HP hoses. Connection M 22	×
								1.5 m. Handle protection	
Coupling		1			1 1				1-
Adapter hose extension 9 TR	3	4.111-037.0						Adapter 9 to connect the new hose with the new hose	
Connector Screw socket for surface cleaners	4	4.111-022.0			1 1		1	For attaching high-pressure nozzles and accessory parts t	
and Servo Control controllers	4	4.111-022.0						the HD trigger gun (with nozzle screws) - $1 \times M 22 \times 1.5/M 18 \times 1.5$ .	
Short spray unit	5	4.111-038.0						For attaching high-pressure nozzles and accessory parts t HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	:0 [
EASY!Lock adapter					1		1		
Adapter 1 M22AG-TR22AG	6	4.111-029.0						Adapter 1 to connect the old hose with the new hose	
Adapter 2 M22IG-TR22AG	7	4.111-030.0						Adapter 2 to connect the old device with the new hose ar	nd r
Adapter 3 M22IG-TR22AG	8	4.111-031.0						the old gun with the new hose Adapter 3 to connect the old gun with the new spray land	
Adapter 4 TR22IG-D11	9	4.111-032.0			+			and new servo regulator Adapter 4 to connect the new gun with the old swivel hos	se [
Adapter 5 TR22IG-M22AG	10	4.111-033.0						Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lance	
Adapter 6 TR22IG-M22AG	11	4.111-034.0						Adapter 6 to connect the new device with the old hose ar the old hose with the new gun	nd 🗆
Adapter 7 M18IG-TR20AG	12	4.111-035.0						Adapter 7 to connect the old spray lance with the new	
Adapter 8 TR20IG-M18AG	13	4.111-036.0						nozzle Adapter 8 to connect the new spray lance with the old nozzle	
Adapter 12 rotary coupling EASY!Lock 22 IG - M22 x 1.8 AG	14	4.111-046.0							
Flue pipe	45	4 656 4 40 0			1 1		1		. le
Flue gas adapter	15 16	4.656-149.0 4.656-080.0						Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).	x- <u></u>
Cleaning agent injector									_
Cleaning agent injector for high and low pressure (without nozzles)	17	4.637-032.0						Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
Cleaning agent injector for high	18	4.637-033.0						Cleaning agent dosage at high pressure 3 - 5 %	
pressure (without nozzle) Machine-specific nozzle kit with ord	der no	. 4.637-033.0					1	I	
Nozzle kit 500-700 l/h	19	4.769-009.0						For HDS 500 - 700 I/h. Consists of nozzle insert + HP pov nozzle + union	/er [
Nozzle insert with order no. 4.637-	032.0								
Nozzle insert up to 1,100 l/h - high pressure	20	4.769-003.0						Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For high-pressure cleaners with a water flow rate up to 1100 l/h.	
Nozzle insert up to 1,100 l/h - low pressure	21	4.769-001.0						For low pressure with machines up to 1.100 l/h	
■ Included in delivery □ Av	ا ما ما		A. Eutomaton ha						



		Order no.	Nozzle size			Price	Description	
HP nozzle spray angle 0°		I		1			1	-
High-pressure nozzle spray angle °0	1	2.113-001.0	40				High-pressure nozzle with powerful jet for extremely stub- born dirt.	
Power nozzle spray angle 15°								
Power nozzle, spray angle 15°	2	2.113-042.0	34				Flat jet nozzle for stubborn dirt.	
Power nozzle spray angle 25°								
Power nozzle spray angle 25°	3	2.113-000.0	34				Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	
25° power nozzle for cleaning agent suction	4	2.113-020.0	250				Brass power nozzle for low-pressure operation and cleaning agent suction.	
Power nozzle spray angle 40°								
Power nozzle spray angle $40^{\circ}$	5	2.113-003.0	40				Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	



		Order no.	Nozzle size		Price	Description
Wet blasting attachment (without n	ozzle)	)	1			
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0				Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet.
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0				Paint, rust and scale removal made easy: Kärcher wet blast- ing attachment with flow control for adding blasting abra- sive to the high-pressure jet. Without flow control.
Nozzle kits for wet jet unit						
Nozzle kit for wet jet unit 035	3	2.112-021.0	35			Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kårcher wet blasting attachment per- formance. Only in combination with wet blasting attachment 4.115-000.0   4.115-006.0.
Boron carbide nozzle						
Boron carbide nozzle, for ma- chines up to 1,000 l/h	4	6.415-084.0	6 mm			In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

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		Order no.	Max. working pressure	Nozzle size	Diame- ter	Price	Description
Pipe cleaning hose, ID 6			1				
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	1	6.110-046.0	250 bar				The 10 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	2	6.110-008.0	250 bar				The 20 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	3	6.110-047.0	250 bar				The 30 m pipe cleaning hose is a highly flexible high pres- sure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).
Pipe cleaning nozzle							
Pipe cleaning dirt blaster D 25 / 040	4	6.415-944.0		40	25 mm		The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the
Pipe cleaning dirt blaster D 30 / 040	5	6.415-946.0		40	30 mm		necessary forward movement, as well as convenient han- dling.
Pipe cleaning dirt blaster D 35 / 040	6	6.415-948.0		40	35 mm		
Pipe cleaning nozzle 120	7	5.763-089.0		120	16 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.
Pipe cleaning nozzle	8	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various jet
	9	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.
	10	5.763-017.0		50	30 mm		Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R $1/8^{\circ}$ connection, 3 x 30° backwards, diameter 30 mm.)
Rotating pipe cleaning nozzle	11	6.415-428.0		50	16 mm		Pipe cleaning nozzle with four rotating jets and inner thread. Different spray directions. The hose moves freely through the pipe. With R 1/8" connection.



		Order no.	Flow rate		Price	Description	
Cup foam lance							
Cup foam lance Basic 1	1	4.112-053.0	350-600 l/h			For high-pressure cleaners with a flow rate of 350-600 l/h: new, robust and very high-quality Basic 1 cup foam lance with outstanding foam quality while consuming half as much cleaning agent.	Г
Cup foam lance Advanced 042	2	2.112-018.0				Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	
1-litre cleaning agent container for foam lance	3	6.414-050.0				Additional 1-litre cleaning agent container for quick replace- ment of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).	
	4	6.414-954.0				Additional 1-litre cleaning agent container for quick replace- ment of the cleaning agent (for foam lance 6.394-668)	
Foam nozzle mounting kit							
Foam nozzle attachment kit	5	2.112-013.0				Foaming agent kit. The foam nozzle is ideal for use in sani- tary areas and the food industry and wherever long applica- tion times are necessary.	

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10

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		Order no.	Length	Diameter		Price	Description	
Starting current limiter								-
Starting current limiter	1	2.637-495.0					Reduces starting current in single-phase supply and protects line fuse.	
Geka coupling								
Geka connector with hose barb, R 1/2"	2	6.388-461.0					with hose liner	
Geka connector with hose barb, R 3/4"	3	6.388-455.0						
Geka connector with hose barb, R 1"	4	6.388-465.0					with hose barb	
Suction filter								
Water suction filter	5	6.414-956.0					Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve	
Suction filter with check valve	6	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Water fine filter								
Water fine filter, with adapter	7	4.730-102.0					Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles con- tained in the water. Water flow rate up to 1200 l/h. Connec- tion 3/4", with adapter, 1".	
Water supply hose								
Water supply hose	8	4.440-038.0	7.5 m				NW 13 R1" / R 3/4", up to 30 °C	
	9	4.440-207.0	7.5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
Backflow check valve		1	1	1				
Backflow preventer	10	2.641-374.0					To prevent detergent getting into the drinking water cycle in case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakage protection	





		Order no.	Flow rate		Price	Description	
Push-on washing brush							
Push-on wash brush	1	4.762-497.0				The wash brush is fitted directly onto the devices' new dual and triple nozzles using clamping.	C
	2	4.113-001.0				For general-purpose cleaning of all surfaces. Clamps directly onto the spray lance. Connection M 18 x 1.5	
Rotating washing brush			·				
Rotating wash brush for < 800 l/h machines, nylon bristles	3	4.113-004.0	500-800 l/h			The rotating wash brush gently removes fine dust and traf- fic film from all surfaces. Temperature resistant up to $60^{\circ}$ C. (M 18 x 1.5, replaceable brush insert).	
Rotating wash brush for < 800 l/h machines, natural bristles	4	4.113-003.0	500-800 l/h			Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).	