

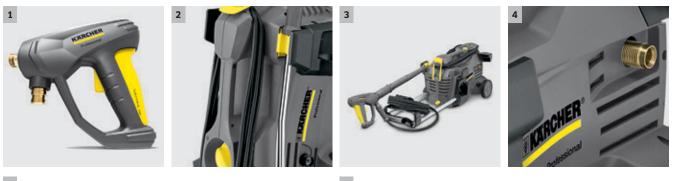


# HD 5/11 P 240V

Tough, highly portable professional cold-water pressure washer with upright or lie-flat operation.







1 Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.

- At last work without getting tired: the EASY!Force high-pressure gun.
- EASY!Lock quick-release locks: durable and robust. And five times
   \_\_\_\_\_ faster than screws.

#### 2 First-class mobility

- The integrated carrying handle on the front of the machine enableseasy loading and convenient transport.
- Compact design and low weight.

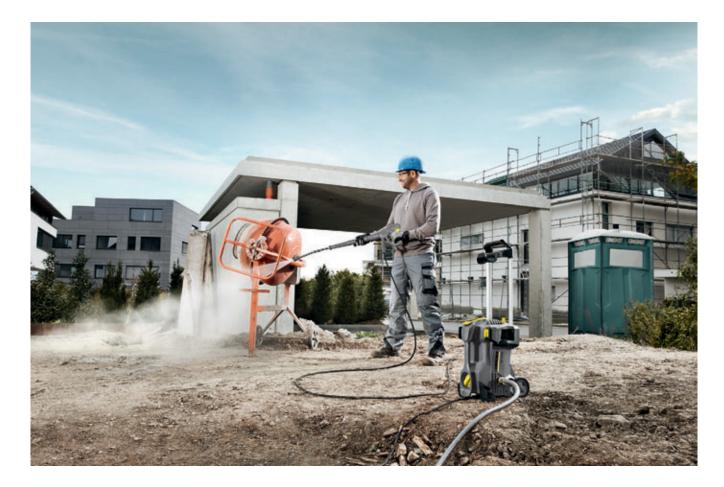
#### 3 Flexibility

- Vertical and horizontal operation possible.
- Separate parking and transport position for the spray unit.

#### 4 Quality

- The automatic pressure relief protects the components and extends the service life.
- High-quality brass cylinder head.

# **TECHNICAL DATA AND EQUIPMENT.**



#### HD 5/11 P 240V

Automatic pressure relief

- For horizontal and vertical operation
- Save energy and time: EASY!Force high-pressure guns and

EASY!Lock quick-release locks.

Technical data		
Order Number		1.520-966.0
EAN code		4054278147178
Current type	Ph / V / Hz	1 / 240 / 50
Flow rate	l/h	490
Operating pressure	bar / MPa	110 / 11
Max. pressure	bar / MPa	160 / 16
Max. water feed temperature	°C	max. 60
Power rating	kW	2,2
Weight	kg	20,5
Dimensions (L x W x H)	mm	351 × 312 × 904
Equipment		
Trigger gun		EASY!Force
High-pressure hose	m	10 / ID 6, 250 bar
Spray lance	mm	840
Anti-twist system (AVS)		-

Pressure switch control	
Servo Control	

Included in delivery.



				Max. working				
		Order Number	ID	pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	ID 8	315 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.	-
High-pressure hose, 15 m DN 8, AVS trigger gun connector	2	6.110-030.0	ID 8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.	-
High-pressure hose, 20 m DN 8, AVS trigger gun connector	3	6.110-032.0	ID 8	315 bar	20 m		20 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.	-
High-pressure hose, 30 m DN 8, including rotary coupling	4	6.110-014.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	
High-pressure hose, 15 m DN 10, 220 bar, extension	5	6.110-042.0	ID 10	220 bar	15 m		15 m high-pressure hose M 22 x 1.5) with kink protection and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.	
High-pressure hose, 20 m DN 10, 220 bar, extension	6	6.110-043.0	ID 10	220 bar	20 m		with union on both sides, M 22 x 1.5 with anti-kink protec- tion. NW 10/155°C/220 bar	
High-pressure hose, 25 m DN 10, extension, not rotatable	7	6.110-044.0	ID 10	220 bar	25 m			
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m			
Hose assembly premium DN12 21MPa 15m	9	6.110-059.0	ID 12	210 bar	15 m		High-pressure hose for water volumes greater than 1,800 l , h. With union on both sides. $2x \text{ M} 22 \times 1.5$ with anti-kink	•
Hose assembly premium DN12 21MPa 40m	10	6.110-060.0	ID 12	210 bar	40 m		protection.	
High-pressure hose, 10 m DN 6,	11	6.110-034.0	ID 6	250 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector	12	6.110-035.0	ID 6	250 bar	10 m		With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 6/155°C/250 bar.	
High-pressure hose, 10 m, DN 6, 300 bar, AVS trigger gun connec- tion	13	6.110-056.0	ID 6	300 bar	10 m		With patented AVS connection in the trigger gun (pivot- mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 6/155°C/300 bar	
Longlife 400 with unions on both si	des							
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ling	14	6.110-023.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	
High-pressure hose Longlife 400, 20 m, DN 8, extension	15	6.110-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	
High-pressure hose Longlife 400, 15 m, DN 8, including rotary coup- ling	16	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	
High-pressure hose 1.5 m, DN 8, including connectors	17	6.110-024.0	ID 8	400 bar	1,5 m		1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink pro- tection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).	
	18	6.110-069.0	ID 8	400 bar	1,5 m			
High-pressure hose packaged	19	6.110-038.0	ID 8	400 bar	10 m			
Food industry version with unions	on bot	th sides						
High-pressure hose, 10 m ID 8, suitable for food industry, extensi- on piece	20	6.110-051.0	ID 8	250 bar	10 m		10 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. M 22 x 1.5 with anti-kink sleeve.	
High-pressure hose, 20 m ID 8, suitable for food industry, extensi- on piece	21	6.110-052.0	ID 8	250 bar	20 m		20 m high-pressure hose (DN 8) with swivel coupling. Non- discolouring outer layer for use in the food industry. Con- nectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar.	

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



		Order Number	ID	Max. working pressure	Length	Price	Description	
High-pressure hose 15 m ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey	22	6.110-063.0	ID 6	250 bar	15 m		15 m high-pressure hose (DN 6) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. DN 6/155°C/250 bar.	
Longlife food industry version with	unior	is on both sides						
High pressure hose food DN 8 / 10 m	23	6.110-053.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With rotary coupling, 2 x M 22 x 1,5	
HIgh-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun con- nection	24	6.110-054.0	ID 8	400 bar	20 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With patented AVS connection in the pistol (pivot moun- ted)	

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



		Order Number	Flow rate			Price	Description
Trigger guns							
Extended easy press trigger gun	1	4.118-005.0					Extended easy press high-pressure trigger gun for high- pressure hoses with rotating connector.
Quick connect							
Quick-fitting pipe union coupler trapezo	2	2.115-000.0					
Quick-fitting pipe union plug nipp- le tra	3	2.115-001.0					
■ Included in delivery. □ Av	ailable	e accessories.	▲ Extension h	ose.			· · · · ·

HD 5/11 P 240V, 1.520-966.0, 2017-10-01



		Order Number				Price	Description	
		Order Nomber	NUZZIE SIZE			Price	Description	
Power nozzle spray angle 15°								
Power nozzle 15036 - nur fuer Ersatz	1	2.113-043.0	36					
HP nozzle spray angle 0°								
High-pressure nozzle spray angle °O	2	2.113-001.0	40				High-pressure nozzle with powerful jet for extremely stub- born dirt.	
Power nozzle spray angle 25°								
Power nozzle spray angle 25°	3	2.113-005.0	36				Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	
Power nozzle spray angle 40°								
Power nozzle spray angle $40^{\circ}$	4	2.113-003.0	40				Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	
■ Included in delivery. □ Ava	ailable	e accessories.	▲ Extension ho	ose.	 			

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₹ 2 8 9	/	10		11	-6	<b>2</b> 12	5	
		Order Number	Max. working	Length		P	rice	Description
Rotating spray lances			1					
Lance 850 mm, rotatable, ergono- mic	1	4.112-006.0	300 bar	840 mm				850 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360° under pressure.
Lance 250 mm, non-rotatable	2	4.112-027.0	300 bar	250 mm				
550 mm lance, non-rotatable	3	4.112-024.0	300 bar	400 mm				
Rotatable lance, 600 mm, ergono- mic	4	4.112-007.0	300 bar	600 mm				600 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360° under pressure.
1050 mm lance, rotatable, ergono- mic	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.
Lance 1550 mm, rotatable, ergo- nomic	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.
Lance 2050 mm, rotatable, ergo-	7	4.112-021.0	300 bar	2050 mm				2050 mm stainless steel lance (manual coupling) with ergo-

					UNC	ider pressure.	
Lance 2050 mm, rotatable, ergo- nomic	7	4.112-021.0	300 bar	2050 mm	noi	050 mm stainless steel lance (manual coupling) with ergo- mic handle for ease of use and protection. Rotatable 360° Ider pressure.	
Jet pipe extension TR 1000 mm	8	4.112-048.0	300 bar	1000 mm		·	
Angular spray lance							
WC and gutter lance	9	4.112-029.0			cia	ainless steel lance WC and gutter with nozzle insert. Spe- ally shaped for effective and hygienic cleaning of gutters d toilets.	
Flexible spray lance							
Flexible lance 1050 mm	10	4.112-035.0	210 bar	1050 mm		050 mm flexible lance with variable bend from 20° to 10°, ideal for cleaning difficult to reach areas, e.g. gutters.	
Telescopic spray lance							
Telescopic jet pipe	11	4.112-037.0	225 bar	5400 mm			
Restraint belt for telescopic jet pipe	12	6.373-987.0			pic	nvenient strap for relief when working with the telesco- c spray lance (6.394-690). The burden is optimally distri- ted on the body and longer periods of use are possible.	
Gutter cleaner							
Gutter cleaning lance	13	2.112-015.0		960 mm	of	e lance is suited for cleaning of gutter systems. Because the shape of the lance and the special nozzle the gutter n be cleaned without removing the cover plates.	
Undercarriage spray lance							
Underbody lance	14	4.112-032.0		700 mm		ainless steel lance for effective and easy underbody and neel arch cleaning. Without high-pressure nozzle.	
Additional handle							
	15	4.321-380.0					
Power Control Strahlrohr							
Pressure regulating jet pipe pa- ckaged Po	16	4.112-047.0					
*	/ailabl	e accessories.	▲ Extension	n hose.			



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		Order Number				Price	Description	
Y distributor								
Y distributor	1	4.111-024.0						
Included in delivery.	🗆 Availat	le accessories.	▲ Extension h	ose.				



		Order Number	Flow rate	Nozzle size	Diame- ter	Pric	e [	Description	
Hard surface cleaner FR Classic									
	1	2.111-016.0			300 mm				
Hard surface cleaner FR 30									
FR 30	2	2.111-011.0			300 mm		ŀ	Hard surface cleaner FR 30	
Hard surface cleaner FR 30 ME									
FR 30 ME surface cleaner	3	2.111-013.0			300 mm		C S	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 kit for FR									
Nozzle kit for surface cleaners (type-specific) 450 - 500 l/h	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	Classi	:							
	5	2.885-312.0		40					
■ Included in delivery. □ Av	ailable	e accessories.	▲ Extension h	ose.					

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## ACCESSORIES FOR HD 5/11 P 240V 1.520-966.0

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8 9		10		11		12		13		14	
		Order Number					Price	Description			
Nozzle union Protection part TR only for repla-	1	4.112-011.0									L
cement											[
Rotary coupling Rotary coupling	2	4.111-021.0							hoses for ease of us	wisting and kinking of e. Connector M 22 x 1.5	[
Coupling		<u> </u>			I I		1	1			
Coupler -2xM22x1,5	3	4.111-037.0								ting and extending high- ction. Connector: 2x M 2	
Connector		1						1			
Nozzle connector/screw connector	4	4.111-022.0						pressure nozz	es and accessories t nozzle connector). Co	for connecting high- o the high-pressure trig- onnectors: 1x M 22 x 1.5	
	5	4.111-038.0							1.0.		[
Adapter EASY!Lock											
Adapter 1 M22AG-TR22AG	6	4.111-029.0									[
Adapter 2 M22IG-TR22AG	7	4.111-030.0						_			
Adapter 3 M22IG-TR22AG	8	4.111-031.0									
Adapter M22 - Swivel	9	4.111-032.0						high-pressure	hoses with AVS con	ection. For extension of nection or for usage of th ure hose with AVS conne	
Adapter 5 TR22IG-M22AG	10	4.111-033.0						_			
Adapter 6 TR22IG-M22AG	11				<u>├</u>			1			
Adapter 7 M18IG-TR20AG	12							+			-
Adapter 8 TR20IG-M18AG ADAPTER for replacement TR22IG-	13 14	4.111-036.0 4.111-046.0			+			+			F
M22AG Er	14										
HP detergent injector		1			1 .			1			
Detergent injector for high and low pressure (without nozzles)	15							dosage. Maxim	num dosage about 1		
Detergent injector for high pressu- re	16	4.637-033.0						Cleaning agent	dosage at high pres	sure 3 - 5 %	
Machine-specific nozzle kit with ord	der no	. 3.637-170			I		·	1			
Nozzle insert trapezoidal thread	17	1									
HD-GER.											
Nozzle insert with order no. 3.637-0	001						1	1			
	<b>001</b> 18	4.769-003.0						pressure deter		r 3.637-001 for high- r high-pressure cleaners	



		Order Number	Max. working pressure	Nozzle size	Р	Price	Description	
Triple nozzles								
Triple nozzle 036	1	4.117-031.0	300 bar	36			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For high-pressure cleaners with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.	
Dirt Blaster, small								
	2	4.114-020.0	180 bar	40				
Dirt blaster, large								
Dirt blaster 04	3	4.114-041.0	300 bar	40			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.	



		Order Number	Nozzle size			Price	Description	
Wet blasting attachment (without r	nozzle)	)	1					
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0					Paint, rust and scale removal made easy: Kärcher wet blas- ting attachment with flow control for adding blasting abrasi- ve 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 blas- ting attachment with flow control for adding blasting abrasi- ve to the high-pressure jet. Without flow control.	
Nozzle pack for wet blasting attach	ment							
Nozzle pack TR wet jet set 0035	3	2.112-021.0	35					
Boron carbide nozzle								
Boron carbide nozzle, for machi- nes as of 1000 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.	
■ Included in delivery. □ Av	ailable	e accessories.	▲ Extension ho	ose.				



								$\square$
		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6								
Hose assembly TR pipe cleaning DN6 14MPa	1	6.110-048.0	140 bar					
Pipe cleaning hose	2	6.110-049.0	140 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose, DN 6, 30 m	3	6.110-050.0	140 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning nozzle								
Drain 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	
Drain cleaning dirt blaster D 30/040	5	6.415-946.0		40	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/040	6	6.415-948.0		40	35 mm			
Pipe cleaning nozzle	7	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je	t 🗆
	8	5.763-020.0		65	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	9	5.763-017.0		50	30 mm		30 mm pipe cleaning nozzle with internal thread. Various je directions for environmentally-friendly cleaning of blocked drains and pipes.	
Rotating pipe cleaning nozzle	10	6.415-428.0		50	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blo- cked drains and pipes.	

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

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		Order Number	Flow rate		Price	Description
Cup foam lance		r.				
Foam lance TR	1	4.112-053.0	350-600 l/h			
Packing complete for 6.394-969.0	2	2.112-018.0				
Tank grey only for replacement 1L	3	6.414-050.0				
Tank 1L	4	6.414-954.0				
Inno Foam Set						
Inno foam kit with detergent injector	5	2.112-000.0				High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.
Easy Foam Set						
Easy Foam Set with RM injector	6	2.112-010.0				HP foam system for use with. HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve. The machine specific nozzle kit has to be ordered separately.
Nozzle kits for Inno/Easy Foam Set						
Nozzle kit 055 z. Inno/Easy Set 500 - 600 l/h	7	2.111-009.0	500-600 l/h			Optimal adaptation to different machine outputs for econo- mic use.
Foam nozzle mounting kit						
Foam nozzle kit	8	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.

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

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		Order Number	Length		Price	Description
Automatic, self-winding hose reels						
Add-on kit hose reel plastics	1	6.392-074.0	20 m			Automatic hose reel for 20 m high-pressure hose. The con- sole is made from powder-coated steel, the drum is made from plastic.
Add-on kit hose reel	2	6.392-083.0	20 m			Automatic hose reel for 20 m high-pressure hose. The con- sole consists of stainless steel, the drum is made from plas- tic.
Hose reel, automatic, 20 m, pain- ted	3	6.392-106.0	20 m			Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.
	4	6.392-105.0	20 m			
Hose reel, automatic, 20 m, stain- less steel	5	6.392-076.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.
ABS hose reel stainless steel	6	6.392-122.0	20 m			High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.
Add-on kit hose reel TR 40m	7	6.392-442.0	40 m			
Swivel holder	8	2.639-931.0				Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose.
ABS wall fastening stainless steel	9	2.641-867.0				Swivelling wall bracket made of high-grade steel (for 2.641- 866). This makes maximum flexibility and convenience possible when working with the HP hose.

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

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		Order Number	Length	Diameter			Price	Description	
Starting current limiter		1	1		1	1			
Starting current limiter	1	2.637-495.0						Reduces starting current in single-phase supply and protect line fuse.	s
Geka coupling								• •	
With hose nozzle, R 1/2"	2	6.388-461.0						with hose liner	ſ
With hose nozzle, R 3/4"	3	6.388-455.0							ſ
With hose nozzle, R 1"	4	6.388-465.0							ſ
With female thread, R 3/4"	5	6.388-473.0						with female thread	1
Suction filter									
Water filter	6	6.414-956.0							1
Suction filter with check valve	7	4.730-012.0						Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	[
Fine-mesh water filter	1	1	<u>I</u>	1	L	1	1	With check valve.	
Fine-mesh water filter with adapter	8	4.730-102.0						Fine-mesh water filter, 125 $\mu$ m, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles contai ned in the water. Water flow rate up to 1200 l/h. Connectio 3/4", with adapter, 1".	
Water supply hose									l,
Water supply hose	9	4.440-038.0	7,5 m					NW 13 R1" / R 3/4", up to 30 °C	
	10	4.440-207.0	7,5 m					NW 19 R1" / R 3/4", up to 85 °C, for pick-up	
Backflow check valve									
Backflow preventer	11	2.641-374.0						To prevent detergent getting into the drinking water cycle i case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakag protection	

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



		Order Number	Flow rate			Price	Description	
Push-on washing brush								
Push-on wash brush, M 18 x 1.5	1	4.113-001.0					Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
Rotating washing brush								
	2	4.113-004.0	500-800 l/h					
	3	4.113-003.0	500-800 l/h					
■ Included in delivery. □ Av	ailable	e accessories.	▲ Extension ho	ose.				