

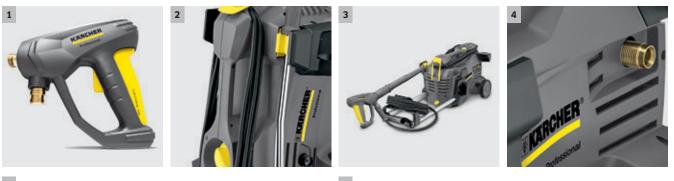


HD 4/9 P 110V

Tough, highly portable professional cold-water pressure washer with upright or lie-flat operation. With 110V power supply for safe site use.







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.

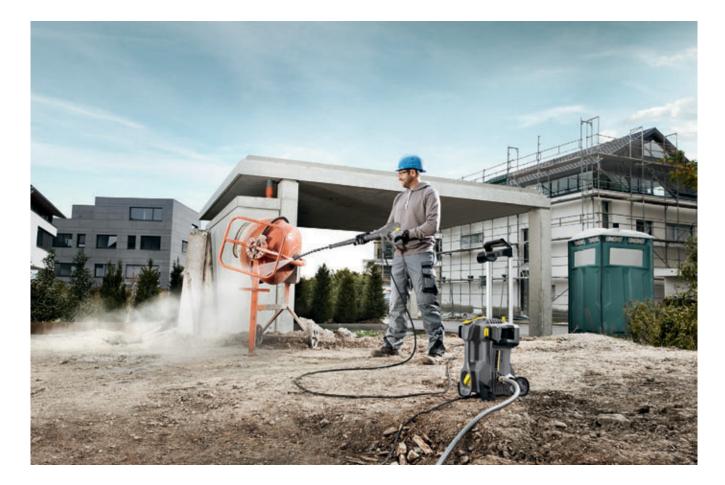
3 Flexibility

- 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 4/9 P 110V

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		1.520-965.0
EAN code		4054278147161
Current type	Ph / V / Hz	1 / 110 / 50
Flow rate	l/h	390
Operating pressure	bar / MPa	90 / 9
Max. pressure	bar / MPa	120 / 12
Max. water feed temperature	°C	max. 60
Power rating	kW	1,4
Weight	kg	21,6
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.		

1-3 4		5	-9	6		7			
10 11-13	5)	14-	16	17		18	0	19 20	
Standard with unions on both sides		Order Number	D	Max. working pressure	Length		Price	Description	
High-pressure hose, 10 m DN 8,	1	6.110-031.0	ID 8	315 bar	10 m			10 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector			ID 8	315 bar	15 m			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							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,	4	6.110-014.0	ID 8	315 bar	30 m			With rotary coupling, 2 x M 22 x 1.5	
including rotary coupling 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		6.110-043.0	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		ID 10	220 bar	40 m				
Hose assembly premium DN12 21MPa 15m Hose assembly premium DN12		6.110-059.0 6.110-060.0	ID 12	210 bar 210 bar	15 m 40 m			High-pressure hose for water volumes greater than 1,800 l / h. With union on both sides. 2x M 22 x 1.5 with anti-kink protection.	
21MPa 40m									-
High-pressure hose, 10 m DN 6, AVS trigger gun connector	11 12	6.110-034.0 6.110-035.0	ID 6 ID 6	250 bar 250 bar	10 m 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 6/155°C/250 bar.	
High-pressure hose, 10 m, DN 6, 300 bar, AVS trigger gun connec-	13	6.110-056.0	ID 6	300 bar	10 m			With patented AVS connection in the trigger gun (pivot-	
tion Longlife 400 with unions on both s	ides							protection. NW 6/155 C/SOU bai	
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		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 High-pressure hose, 10 m ID 8, suitable for food industry, extensi-	i i	h sides 6.110-051.0	ID 8	250 bar	10 m				
on piece 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			use in the food industry. M 22 x 1.5 with anti-kink sleeve. 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 \Box Av	aila bli		 Eutopoion la 		I			5/ 100 C/ 200 Dui.	-



		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	
Hlgh-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)	



		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					



		Order Number	Nozzle size		Price	Description
Power nozzle spray angle 15°			I		1	
	1	2.113-062.0	30			
HP nozzle spray angle 0°						
High-pressure nozzle spray angle °0	2	2.113-001.0	40			High-pressure nozzle with powerful jet for extremely stub- born dirt.
Power nozzle spray angle 25°						
Power nozzle for replacement 25033	3	2.113-063.0	33			C
Power nozzle spray angle 40°						
Power nozzle spray angle 40°	4	2.113-003.0	40			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

 \blacksquare Included in delivery. \Box Available accessories. \blacktriangle Extension hose.

		3 3 10	-	4	-6	5	5	6 6 13	7
		Order Number	Max. working pressure	Length			Price	Description	
Rotating spray lances		1						1	
Lance 850 mm, rotatable, ergono- mic	1	4.112-006.0	300 bar	840 mm					al coupling) with ergono- ection. Rotatable 360°
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	1				

		Order Number	Max. working pressure	Length		Price	Description	
Rotating spray lances	1	L	L	L		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- nomic	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.	
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					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	1 1	1		
Telescopic jet pipe	11	4.112-037.0	225 bar	5400 mm				
Restraint belt for telescopic jet pipe	12	6.373-987.0					Convenient strap for relief when working with the telesco- pic spray lance (6.394-690). The burden is optimally distri- buted on the body and longer periods of use are possible.	
Gutter cleaner								
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	15	4.321-380.0						
Power Control Strahlrohr		1	1	1	· · ·		1	
Pressure regulating jet pipe pa-	16	4.112-045.0						



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



		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard surface cleaner FR Classic	1				<u>I I</u>			
	1	2.111-016.0			300 mm			
Hard surface cleaner FR 30								
FR 30	2	2.111-011.0			300 mm			
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	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 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	c			·			
	5	2.885-312.0		40				
■ Included in delivery. □ Av	ailable	e accessories.	▲ Extension h	ose.				

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		Order Number			Price	Description
Nozzle union						1
Protection part TR only for repla- cement	1	4.112-011.0				
Rotary coupling				1	 	
Rotary coupling	2	4.111-021.0				Kårcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.
Coupling						
Coupler -2xM22x1,5	3	4.111-037.0				Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.
Connector						
Nozzle connector/screw connector	4	4.111-022.0				Nozzle connector/screw connector for connecting high- pressure nozzles and accessories to the high-pressure trig- ger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 and 1x M 18 x 1.5.
	5	4.111-038.0				
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				M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of the telescopic lance with a high-pressure hose with AVS connect tion.
Adapter 5 TR22IG-M22AG	10	4.111-033.0				
Adapter 6 TR22IG-M22AG	11	4.111-034.0				
Adapter 7 M18IG-TR20AG	12	4.111-035.0				
Adapter 8 TR20IG-M18AG	13	4.111-036.0				
ADAPTER for replacement TR22IG- M22AG Er	14	4.111-046.0				-
HP detergent injector						• •
Detergent injector for high and low pressure (without nozzles)	15	4.637-032.0				Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.
Detergent injector for high pressu- re	16	4.637-033.0				Cleaning agent dosage at high pressure 3 - 5 %
Machine-specific nozzle kit with or	der no	. 3.637-170				
Nozzle insert trapezoidal thread HD-GER.	17	4.769-005.0				
Nozzle insert with order no. 3.637-	001					
Nozzle insert for Order No. 3.637- 001, high-pressure for machines up to 1100 l/h.	18	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.
Low pressure for units rated up to	19	4.769-001.0	+			For low pressure with machines up to 1.100 l/h



		Order Number	Nozzle size		Price	Description
Wet blasting attachment (without n	nozzle)					
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.



		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6	1	1	1	1				
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.	



		Order Number	Max. working pressure	Nozzle size		Price	Description	
Dirt Blaster, small	1	4.114-019.0	180 bar	35				
Dirt blaster, large								
Dirt blaster - without changeover function	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.	

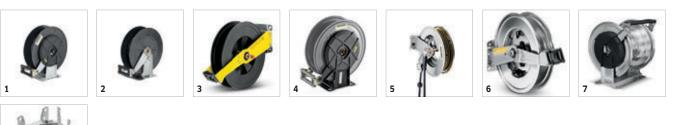
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		Order Number	Flow rate			Price	Description
Cup foam lance		1		1			
Foam lance TR	1	4.112-053.0	350-600 l/h				
Packing complete for 6.394-969.0	2	2.112-018.0					
Tank grey only for replacement 1L	3	6.414-050.0					
Tank 1L	4	6.414-954.0					
Inno Foam Set							
Inno foam kit with detergent injec- tor	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. $\hfill\blacksquare$ 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.	t.
	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 Rotatable 120°. Galvanised steel.	e. 🗆
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.	

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		Order Number	Length	Diameter			Price	Description	
Starting current limiter			<u>I</u>		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	
With hose nozzle, R 3/4"	3	6.388-455.0							
With hose nozzle, R 1"	4	6.388-465.0							
With female thread, R 3/4"	5	6.388-473.0						with female thread	
Suction filter									
Water filter	6	6.414-956.0							
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									
Fine-mesh water filter with adapter	8	4.730-102.0						Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles conta ned in the water. Water flow rate up to 1200 l/h. Connectio 3/4", with adapter, 1".	i- n
Water supply hose									
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.				