



1150 Davis Road, Suite J • Elgin, IL 60123 (800) 788-8867 • info@lorchem.com • www.lorchem.com

We Know How To Get Things CLEAN

Cold Water Series





Unbeatable versatility – high-pressure cleaning with Kärcher.

The name Kärcher is synonymous worldwide with power, quality, innovation and for cleaning expertise which has been setting the standard for over 75 years. Kärcher invented the high-pressure cleaner in 1950 and has been refining the principle of high-pressure cleaning ever since. More performance with less consumption, longer service life with shorter cleaning times. As a world market leader, Kärcher offers a range of products that leaves nothing to be desired in terms of technical refinement and versatility – operating with cold or hot water, powered by electric motors or internal combustion engines, mobile or stationary.







HD 2.5/27 P ST

This versatile cold water mini skid is designed to easily mount to trailers and UTVs, allowing you ultimate portability and power in a cold water unit. Combined durability of the Subaru EX17 engine and Kärcher crankcase pump with U-Seal technology provides you dependability in the toughest conditions. Both units include a 100' high pressure hose that connect to a Professional-Duty gun and wand.





12V Booster Pump is protected in an all-weather box.

HD 2.5/27 P ST

Weld-less Stainless Steel Base

- Subaru EX17 Gas Engine with low-oil alert and 5-Year Warranty
- Kärcher crankcase pump with U-Seal technology and 7-Year Warranty
- \blacksquare Thermal Pump Protection protects the pump from overheating if left in bypass

Includes 100' High Pressure Hose

- 12V Booster Pump in Plastic Box for all-weather protection
- 4 High Pressure Quick-Disconnect Nozzles
- Professional-duty High Pressure Gun and Wand
- Rubber Mounted Feet for easy installation

Heavy-duty braided vinyl hose can easily be plumbed to a water tank

Technical Data					
GPM		2.5	2.5		
PSI		2700	2700		
CC / Engine		169 / Subaru EX17	169 / Subaru EX17		
Fuel		Gas	Gas		
Pump		Kärcher KG2530G	Kärcher KG2530G		
Ship Weight	lbs.	125	125		
Dimensions (L x W x H)	inches	36 x 29 x 40	36 x 29 x 40		
Order No.		1.107-215.0	1.107-216.0		





HD 2.5/27 P ST Plus (includes 65 gallon tank)

Cold Water | Gas or Diesel Powered | Belt Drive



Liberty HD PB/DB Cage

Our roll cage models are the most powerful units in our cold water line, with cleaning power of up to 5000 PSI. Protected by a rugged powder coated roll cage built of 1-1/4" steel, the PB Cage units feature powerful Vanguard, Honda or Kohler engines, triplunger oil bath Kärcher pumps, 13-inch tubed pneumatic tires, and an extra rugged belt-drive assembly with notched V belts and cast iron pulleys. All single- and double-axle models are ETL safety certified.



HD 3.5/32 PB Cage	HD 3.7/35 PB Cage	HD 4.0/40 PB Cage	HD 4.0/50 PB Cage*	HD 4.5/50 PB Cage	HD 3.4/30 DB Cage*

- Belt-drive
- Rugged steel chassis & roll cage
- Powerful Honda, Vanguard or Kohler engine
- Cleaning power up to 5000 PSI
- Electric start on dual-axle models
- Industrial belt-drive Kärcher pump with 7-year warranty
- 13" tubed pneumatic tires



Technical	Data						
GPM		3.5	3.7	4.0	4.0	4.5	3.4
PSI		3200	3500	4000	5000	5000	3000
Engine		Honda GX390	Honda GX390	Vanguard 16	Honda GX630	Honda GX630	Kohler KD420
CC		389	389	479	688	688	442
Start		Recoil	Recoil	Recoil	Electric	Electric	Electric
Fuel		Gas	Gas	Gas	Gas	Gas	Diesel
Pump		Kärcher KM	Kärcher KM	Kärcher KM	Kärcher KH	Kärcher KH	Kärcher KM
Axles		1	1	2	2	2	2
Ship Weight	lbs.	350	350	470	495	500	410
Dimensions (L x W x H)	inches	42 x 26 x 30	42 x 26 x 30	42 x 26 x 36			
Order No.		1.575-204.0	1.575-205.0	1.575-207.0	1.575-200.0	1.575-201.0	1.575-202.0

Options (field installed)

9.801-028.0

100' EZEE hose reel kit, single axle (hose not included)

9.801-029.0

100' pivot hose reel kit, 5000 psi, double axle (hose not included)





Cold Water | Gas or Diesel Powered | Belt Drive



HD 3.0/30 PB

Liberty HD PB

Our cold-water belt-drive series provides a broad selection of rugged belt-drive units, all with reliable Honda GX engines, which deliver cleaning volume of up to 3.7 GPM. Each model is ETL certified to UL-1776 safety standards and comes with a rugged steel chassis, cast iron belt pulley system, tubed pneumatic tires, and industrial-grade Kärcher crankcase pump.



	 Chrome handles Powder coated steel chassis Reliable Honda GX engine Water volume up to 3.7 GPM Industrial belt-drive Kärcher pump Tubed pneumatic tires 		
	3.0	3.7	3.0
	3000	3500	4000
	Honda GX270	Honda GX389	Honda GX389
	270	389	389
	Gas	Gas	Gas
	Kärcher KD	Kärcher KM	Kärcher KM
lbs.	225	250	250
inches	45 x 26 x 24	45 x 26 x 24	45 x 26 x 24
	1.575-152.0	1.575-154.0	1.575-155.0
		Chrome handles Powder coated steel chassis Reliable Honda GX engine Water volume up to 3.7 GPM Industrial belt-drive Kärcher pump Tubed pneumatic tires 3.0 3000 Honda GX270 270 Gas Kärcher KD 225 inches 45 x 26 x 24	 Chrome handles Powder coated steel chassis Reliable Honda GX engine Water volume up to 3.7 GPM Industrial belt-drive Kärcher pump Tubed pneumatic tires 3.0 3.7 3000 3500 Honda GX270 Honda GX389 270 389 Gas Gas Gas Kärcher KD Kärcher KM 225 250 250 45 x 26 x 24 45 x 26 x 24

HD 3.7/35 PB

Options (field installed) 9.801-025.0

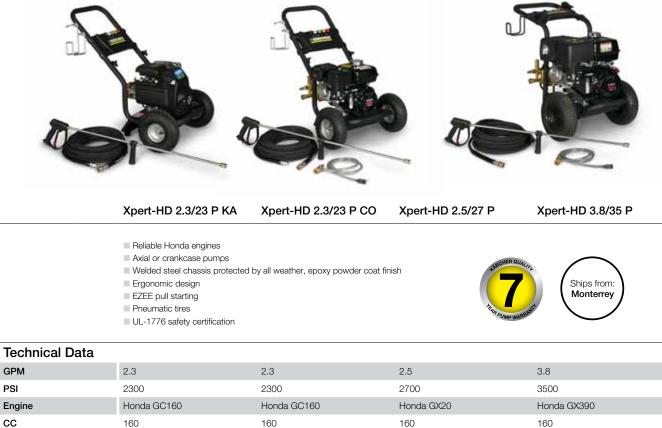
100' Hose Reel kit, 5000 psi, double axle (hose not included)



HD 3.0/40 PB

Xpert Series

Kärcher's Xpert series is a professional-grade line of cold water pressure washers. Powered by reliable Honda engines, Kärcher offers your choice of 160CC units with axial pumps or 196CC and 389CC units with Kärcher crankcase pumps. These Xpert units feature commercial-duty guns and wands and come with downstream chemical injection, four hardened stainless steel quick-couple nozzles and feature 25 or 50-ft of contractor-grade hose rated for 4,000 PSI. The precision welded frames and pneumatic tires make these pressure washers easy to maneuver on any terrain yet they are compact enough to fit in the trunk of most cars.



cc		160	160	160	160
Pump		Kärcher Axial (1-year warranty)	Comet Axial (1-year warranty)	Kärcher KG2530G.1 (7-year warranty)	Kärcher KS4040G.2 (7-year warranty)
Ship Weight	lbs.	72	73	99	157
Dimensions (L x W x H)	inches	36.5 x 23.5 x 30.5	36.5 x 23.5 x 30.5	36.5 x 23.5 x 30.5	36.5 x 23.5 x 30.5
Order No.		1.107-104.0	1.107-103.0	1.107-106.0	1.107-108.0

Pallet Savings - Kärcher's Xpert series is available for purchase in pallets. Choose from a pallet of a single model, or choose one of our mixed pallet options.

8.917-675.0	Pallet of 8 Xpert-HD 2.3/23 P Comet
8.917-676.0	Pallet of 8 Xpert-HD 2.3/23 P Kärcher
8.917-678.0	Pallet of 8 Xpert-HD 2.5/27 P
8.917-680.0	Pallet of 2 Xpert-HD 3.8/35 P
8.917-681.0	Mixed Pallet, 5 Xpert-HD 2.3/23 P Comet & 3 Xpert-HD 2.5/27 P
8.917-682.0	Mixed Pallet, 5 Xpert-HD 2.3/23 P Kärcher & 3 Xpert-HD 2.5/27 P







Liberty HD Cart

These Liberty Series models are tough gasoline-powered directdrive cold water machines that deliver cleaning power of up to 3500 PSI. Built on compact sturdy steel frames, each unit features a dependable industrial-grade Honda engine, Kärcher crankcase pump, hose/gun rack, detergent injection, and tubed pneumatic tires. All models are ETL certified.



		HD 2.3/24 P	HD 2.5/27 P	HD 3.0/30 P	HD 3.8/35 P
		Chrome handles Steel frame with powde Commercial grade Hond Cleaning power up to 3 Industrial direct-drive Kä	da GX engine 500 PSI		
Technical Dat	ta				
GPM		2.3	2.5	3.0	3.8
PSI		2400	2700	3000	3500
Engine		Honda GX160	Honda GX200	Honda GX270	Honda GX390
сс		163	196	270	389
Pump		Kärcher KG	Kärcher KG	Kärcher KG	Kärcher KG
Ship Weight	lbs.	148	155	175	180
Dimensions (L x W x H)	inches	35 x 21 x 24	35 x 21 x 24	35 x 21 x 24	35 x 21 x 24
Order No.		1.575-100.0	1.575-101.0	1.575-102.0	1.575-104.0

Options (field installed)

9.801-026.0

100' EZEE hose reel kit (hose not included)



Residential Pro-Grade power

Kärcher offers a line of gas-powered, direct-drive cold water pressure washers designed for residential use. They are easy to use and transport.



		HD 2.3/26 CV*	HD 2.5/30 CH	HD 3.6/40 CH
		Durable steel framePortable, easy to transport		
Technical I	Data			
GPM*		2.3	2.5	3.6
PSI*		2600	3000	4000
Engine		Honda GCV160	Honda GC190	Honda GX390
CC		160	190	390
Pump		Kärcher Axial	Kärcher Axial	Kärcher Axial
Ship Weight	lbs.	78	77	144
Dimensions (L x W x H)	inches	21 x 23 x 31	22 x 23 x 35	37 x 24 x 31
Order No.		1.107-077.0	1.107-078.0	1.107-079.0

* Performance certified to PWMA standard +/- 20% of advertised specifications



Cold Water | Gas Powered | Direct Drive | Belt Drive



Liberty Aluminum Series

Kärcher's Aluminum Liberty Series HD pressure washer offers commercial grade cleaning in a light-weight, corrosionresistant and easily mobile design. Built with a weldless aluminum frame, these units provide best-in-class maneuverability and are easy to push and pull, in part to their innovative shape and weight distribution. Cast aluminum rotary joints allow for easy transport, easy storage and ergonomic operation. All models are ETL certified to both UL and CSA safety standards.

ID 2.5/27 P AL	
----------------	--

н

HD 3.0/30 P AL

HD 3.8/35 P AL

HD 2.5/27 PB AL

HD 3.7/35 PB AL

- Weldless aluminum frame
- Cast aluminum rotary joints
- Quick-couple high pressure nozzles
- Professional-Duty accessories
- On-board hose/wand hanger
- 7-year pump warranty
- 3-year engine warranty



Technical	Data					
GPM		2.5	3.0	3.8	2.5	3.7
PSI		2700	3000	3500	2700	3500
Engine		Honda GX200	Honda GX270	Honda GX390	Honda GX200	Honda GX390
CC		196	270	389	196	389
Pump		Kärcher KG2530G.1	Kärcher KD3035G1.1	Kärcher KS4040G.2	Kärcher KD3030R.1	Kärcher KM4035R.3
Ship Weight	lbs.	125	148	172	196	249
Dimensions (L x W x H)	inches	40.8 x 22.5 x 39.6	40.8 x 22.5 x 39.6	40.8 x 22.5 x 39.6	49.9 x 27 x 40.6	49.9 x 27 x 40.6
Order No.		1.107-129.0	1.107-130.0	1.107-131.0	1.107-132.0	1.170-133.0

Options (field installed)

• •	•
8.929-062.0	Detergent injector up to 3 GPM
9.802-225.0	Detergent injector over 3 GPM
8.723-636.0	Detergent nozzle
4.767-041.0	Dirt Blaster nozzle - HD 2.5/27 P AL
9.302-447.0	Dirt Blaster nozzle - HD 3.0/30 P AL
9.302-443.0	Dirt Blaster nozzle - HD 3.8/35 P AL



Liberty HD Cart

Our electric-powered machines are durable direct-drive units that can deliver cleaning volume of up to 3.5 GPM. Powered by heavy duty industrial-grade motors, these compact electric units feature tri-plunger oil bath Kärcher pumps, powder coated steel chassis, hose racks, detergent injection, insulated guns and wands, and tubed pneumatic tires. All models are ETL certified to UL and CSA safety standards.



HD 2.0/10 Ed	HD 1.9/15 Ed	HD 2.8/10 Ed	HD 3.5/20 Ea
Chrome handles			
Steel frame and chassis protect	ed by powder coat finish		

Direct-drive Kärcher crankcase pump

Available in 120V and 230V

ETL certified to UL and CSA standards

Technical Data						
GPM		2.0	1.9	2.8	3.5	
PSI		1000	1300	1000	2000	
HP		1.5	2	2	5	
Electrical		120V / 1ph	120V / 1ph	120V / 1ph	230V / 1ph	
Amps		15	20	20	22	
Pump		Kärcher KE	Kärcher KE	Kärcher KE	Kärcher KE	
Ship Weight	lbs.	140	150	150	167	
Dimensions (L x W x H)	inches	35 x 21 x 24				
Order No.		1.575-250.0	1.575-251.0	1.575-252.0	1.575-253.0	

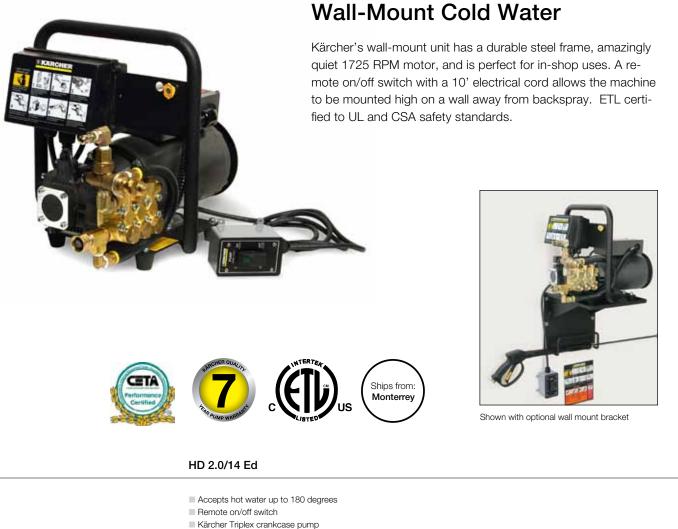
Options (field installed)

9.801-027.0

Lorchem Technologies, Inc.

100' EZEE hose reel kit (hose not included)





- Pressure controlled auto start/stop safety feature
- Reliable industrial motor

Technical Data		
GPM		1.8
PSI		1400
HP		2
Electrical		120V / 1ph
Amps		2
Pump		Kärcher KE
Ship Weight	lbs.	120
Dimensions (L x W x H)	inches	20 x 19 17
Order No.		1.107-088.0

Options (field installed)

8.920-952.0 Wall mount bracket



Liberty Hand Held

These light-industrial hand held units are significantly more rugged than typical consumer substitutes and are built with durable steel frames. Hand-held models come with a dependable axial pump, high pressure hose, a stainless steel wand and detergent injector with brass soap nozzle.



		HD 2.0/10 Ed	HD 1.8/14 Ed	HD 2.3/23 P	HD 2.3/24 P
		 Durable steel frame Axial pump on most models Portable, easy to transport 			nips from: Ionterrey
Technical Data	1				
GPM		2.0	1.8	2.3	2.3
PSI		1000	1400	2300	2400
HP		1.5	2	2.3	2.3
Electrical		120V / 1ph	120V / 1ph	-	-
Amps		15	20		
CC		-	-	160 / Honda GC160	163 / Honda GX160
Pump		Comet Axial	Comet Axial	Kärcher Axial	Kärcher KG
Ship Weight	lbs.	80	95	160	163
Dimensions (L x W x H)	inches	16 x 24 x 22	16 x 24 x 22	16 x 24 x 22	16 x 24 x 22
Order No.		1.575-400.0	1.575-401.0	1.575-351.0	1.575-350.0







Rugged Electric Roll-Cage Design

These new belt-drive, electric roll cage models feature cleaning power of 5000 PSI and are available with either 230/3 phase or 460/3 phase. These units are specialty machines perfect for use in the marine market cleaning the bottom of boats or in the concrete industry for cleaning trucks, forms and handling equipment. Hoses, wands, guns and fittings are high-pressure rated and both models are ETL safety certified.



HD 5.0/50 Ec Cage

HD 5.0/50 Eb Cage

- Rugged steel chassis & roll cage
- Kärcher Belt-drive crankcase pump
- Cleaning power of 5000 PSI
- 50' high-pressure hose
- 20 HP Baldor motor
- 13" tubed pneumatic tires

Technical Data						
GPM		5.0	5.0			
PSI		5000	5000			
HP		20	20			
Electrical		230V / 3ph	460V / 3ph			
Amps		48	26			
Pump		Kärcher KH	Kärcher KH			
Ship Weight	lbs.	480	480			
Dimensions (L x W x H) inches		42 x 26 x 30	42 x 26 x 30			
Order No.		1.107-084.0	1.107-087.0			

Options (field installed)

9.801-029.0

100' hose reel kit, 5000 PSI (hose not included)





HD 2.8/10 ST Ed B

1.575-300.0

Cold-Water Cabinet

Our cold-water cabinet units really take the heat, accepting heated water up to 180°F. Protected in durable steel cabinets, they demonstrate industrial strength throughout, including belt-drive Kärcher crankcase pumps, industrial Baldor motors, and magnetic starters for operator safety. All models are ETL certified to UL and CSA safety standards.

HD 4.2/20 ST Ec B

1.575-303.0

HD 4.2/20 ST Eh B

1.575-305.0



HD 4.2/20 ST Eb B

			11D 4.2/20 01 Ea D	110 4.2/20 01 E0 D		110 4.2/20 01 Ell D
	Accept hot water up to 180°F Powder coated steel cabinets Belt-drive pump w/ 7-year warranty Available in 120V, 208V, 230V, 460V					
Technical	Data					
GPM		2.8	4.2	4.2	4.2	4.2
PSI		1000	2000	2000	2000	2000
HP		2	6	6	6	6
Electrical		120V / 1ph	230V / 1ph	230V / 3ph	460V / 3ph	208V / 3ph
Amps		20	29	19	11	16
Pump		Kärcher KD	Kärcher KM	Kärcher KM	Kärcher KM	Kärcher KM
Ship Weight	lbs.	210	285	255	260	265
Dimensions (L x W x H)	inches	26 x 20 x 16	26 x 20 x 16	26 x 20 x 16	26 x 20 x 16	26 x 20 x 16

1.575-302.0

HD 4.2/20 ST Ea B

1.575-301.0

Options	
9.801-002.0*	Conversion to Stainless Steel Cabinet
9.801-011.0*	Auto Start/Stop
9.801-012.0*	Time-Delay Shutdown
9.801-013.0*	Hour Meter
9.801-031.0	Wheel Kit with Detergent Rack
9.801-033.0	Wall Mount Kit
8.903-043.0	Stainless Steel Wall Mount Kit
8.903-040.0	Floor Stand, 24" short
* Factory installed	**hose not included

Order No.





Wheel Kit with detergent rack and optional hose reel



Floor stand with caster wheels

		HD 3.5/30 ST Ea B	HD 3.5/30 ST Eb B	HD 3.5/30 ST Ec B	HD 3.5/30 ST Eg B	HD 3.5/30 ST Eh B
Technical	Data					
Technical	Dala					
GPM		3.5	3.5	3.5	3.5	3.5
PSI		3000	3000	3000	3000	3000
HP		7.5	7.5	7.5	7.5	7.5
Electrical		230V / 1ph	230V / 3ph	460V / 3ph	208V / 1ph	208V / 3ph
Amps		36	19	11	38	23
Pump		Kärcher KM				
Ship Weight	lbs.	330	275	270	332	271
Dimensions (L x W x H)	inches	26 x 20 x 16				
Order No.		1.575-306.0	1.575-307.0	1.575-308.0	1.575-309.0	1.575-310.0

Options	
9.801-034.0	Floor Stand, 36" Tall
8.903-617.0	Stainless Steel Floor Stand, 36" Tall
8.941-546.0	Stainless Steel Floor Stand, without Hose Hanger
9.801-035.0	Caster Wheels for Floor Stand
9.801-036.0**	Hose Reel Kit, Floor Stand Only, 100 ft, No Hose
8.903-521.0**	Hose Reel Kit for Wheel Kit, 100 ft, No Hose
9.802-265.0**	Cox Reel, Wall Mount
8.903-039.0**	Kit, Hose Reel w/Bracket for Stand & Wall Mount Kits
* Factory installed	**hose not included





HD Handtruck Design

Kärcher's German-built electric hot water machines are the This series of commercial-duty, gas-powered cold water pressure washers offers the ideal balance between professional performance and value. Powered by reliable Honda engines, all four models have Kärcher's German-engineered, direct-drive axial pump, rugged steel frame with handtruck design, tubed pneumatic tires and 50' of commercial-duty hose (GX engine model come with a 100 ft. hose reel).

		HD 2.5/24 P	HD 2.6/26 P	HD 4.0/36 P	
			110 2.0/201	10 4.0/301	
		 Reliable Honda engines Kärcher axial pump Reinforced upright steel frame Unmatched value 		includes 100' hose reel	
Technical Data					
GPM		2.5	2.6	4.0	
PSI		2400	2600	3600	
Engine		Honda GC160	Honda GC190	Honda GC390	
СС		160	190	390	
Pump		Axial	Axial	Axial	
Ship Weight	lbs.	148	155	180	
Dimensions (L x W x H)	inches	35 x 21 x 24	35 x 21 x 24	35 x 21 x 24	
Order No.		1.575-105.0	1.575-106.0	1.575-108.0	
Options (field inst	talled)	-			
9.801-253.0		Non-pivoting hose reel, 100' (hose not included)			

Ships from Monterre

Lorchem Technologies, Inc.



HD Compact Class – durability in a small package.

Kärcher's Classic Series electric powered cold water units are compact, highly mobile and hard wearing. Built with high grade lightweight polypropylene and designed with usability and ergonomics in mind, these units feature patented direct drive Kärcher axial pumps with corrosion-resistant brass cylinder heads and protected by a 5-year warranty. They can deliver up to 4.5 GPM at 3200 PSI and are ETL certified to UL and CSA standards.



HD 1.8/13 C Ed

HD 2.3/15 C Ed**

HD 2.3/14 C Ed Food†

HD 3.0/20 C Ea

No fossil fuel emissions or fumes

Ergonomic design

Low-pressure soap injection system

Complete trigger shut off

Triple changeover nozzle

Mid- and Super-Class models come with variable flow ServoPress gun

ETL certified to UL and CSA standards

lechnical Data					
GPM		1.8	1.1-2.3	1.1-2.3	1.1-3.0
PSI		1300	300-1500	300-1500	300-2000
HP		2.2	3.2	3.2	5.2
Electrical		120V / 1ph	120V / 1ph	120V / 1ph	230V / 1ph
Amps		15	20	20	20
Pump		Kärcher Axial	Kärcher Axial	Kärcher Axial	Kärcher Axial
Ship Weight	lbs.	63	68	68	68
Dimensions (L x W x H)	inches	51 x 27 x 33			
Order No.		1.541-111.0	1.150-611.0	1.150-614.0	1.150-610.0

+ Accepts inlet water at temperatures up to 180°F



Technical Date



Easy press trigger gunErgonomic designSoft grip for greater comfort.



Automatic pressure cut-off For reduced energy and water

consumption.Switches off immediately when work is interrupted.



Servo Control

Pressure and water flow can be adjusted at the gun.



Ultimate mobilityFor quick cleaning at different locations.

Space-saving storage.











HD 3.0/20-4M Ea*

1.1-3.0

4.7

300-2000

HD 3.5/30-4S Ea**

1.8-3.5

9

450-3000

HD 3.7/22-4S Eg**

HD 4.5/32-4S Eb**

HD 4.5/32-4S Ec**



Technical Data

GPM

PSI

ΗP



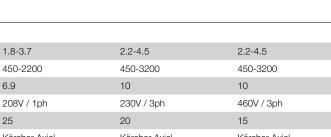
Ø day



AVS







Electrical 230V / 1ph 230V / 1ph 208V / 1ph Amps 20 30 25 Kärcher Axial Kärcher Axial Kärcher Axial Kärcher Axial Kärcher Axial Pump Ship Weight 105 168 158 182 182 lbs. Dimensions inches 51 x 27 x 33 $(L \times W \times H)$ 1.524-110.0 1.286.110.0 1.286-115.0 1.286-112.0 1.286-113.0 Order No.

* Mid class units feature 4-pole air-cooled motor and two-tank SwitchChem system ** Super class units feature 4-pole water cooled motor and pneumatic tires

