

Natural gas or LP-heated pressure washer

German innovation for commercial applications



Hot Water | Electric Powered | Natural Gas/LPG Heated



HDS Cabinet Design – classic German technology.

These natural gas and propane gas units feature German-engineered Kärcher components, including the renowned Kärcher water-cooled electric motor and axial pump. Steam function, electronic ignition, complete trigger shut-off and our proprietary anti-scale system all come standard on these feature-rich models. All are certified to stringent UL and CSA safety standards.



Powerful and durable

- One-piece motor-pump housing for maximum efficiency and optimum heat exchange; motor is cooled with incoming water for extended motor life; safety switch provides protection against overheating.
- Kärcher designed three-piston axial pump with stainless steel valves and ceramic sleeves has fewer moving parts and no belts to wear or replace; brass pump head for long, trouble-free operating life.
- Durable and ventilated steel cabinet with epoxy, powder coat finish; side panel is easy to remove for servicing.
- Insulated Schedule 80 heating coil is made of 1/2" steel pipe with 5-year warranty.
- Safety relief valve attached to discharge side for protection against excess pressure build up.
- Brass, anti-syphon detergent metering valve locks out air and dispenses precise amount of cleaning agent.

Smart features

- Honeywell burner system delivers up to 5 GPM of hot water for effective cleaning; comes with automatic electronic ignition.
- Water resistant control panel with adjustable thermostat, hour meter and on/off switches for the burner and pump.
- Built-in variable steam valve creates wet steam spray.
- Insulated Kärcher pivoting spray wand with a unique 25° power
- Nozzle that delivers 40% more cleaning power due to even-impact spray pattern.
- Anti-scale system prevents down time caused by mineral deposits.

Technical Data and Equipment

HDS NG 4.5/22 Ea ST HDS NG 3.5/30 Ea ST HDS NG 5.0/30 Eb ST HDS NG 5.0/30 Ec ST

- Water-cooled electric motor
- Complete trigger shut-off
- Kärcher axial pump
- Reliable burner with electronic ignition
- Infinitely variable water pressure, temperature control and soap metering

Technical Data

GPM		2.4-4.5	2.4-3.5	2.6-5.0	2.6-5.0
PSI		450-2250	450-3000	450-3000	450-3000
HP		9.5	9.5	11	11
Electrical		230V / 1ph	230V / 1ph	230V / 3ph	460V / 3ph
Amps		30	27	27	19
Pump		Kärcher Axial	Kärcher Axial	Kärcher Axial	Kärcher Axial
BTU		455,883	353,125	455,883	455,883
Ship Weight	lbs.	780	775	760	760
Dimensions (L x W x H)	inches	44 x 28 x 49	44 x 28 x 49	44 x 28 x 49	44 x 28 x 49
Order No.		1.575-715.0	1.575-719.0	1.575-717.0	1.575-721.0

Options (factory installed)

8.918-476.0	Convert Natural Gas to LP, 4.5-5 GPM units
9.801-019.0	Convert Natural Gas to LP, 3-4 GPM units
9.801-044.0	Stainless Steel Wrap and Cabinet Cover

Options (field installed)

9.801-040.0	10" draft diverter
9.801-032.0	Wheel kit with LP bottle rack
2.744-008.0	Remote kit, single station
6.685-195.0	Chemical solenoid (for use with remote kit)
8.708-846.0	Chemical solenoid - continuous use (for use with remote kit)
9.802-633.0	LG regulator assembly



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