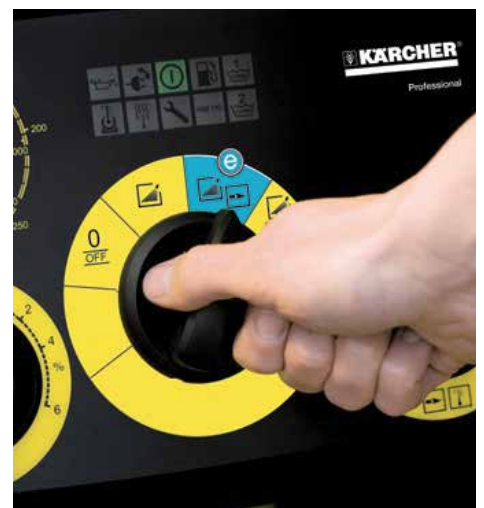
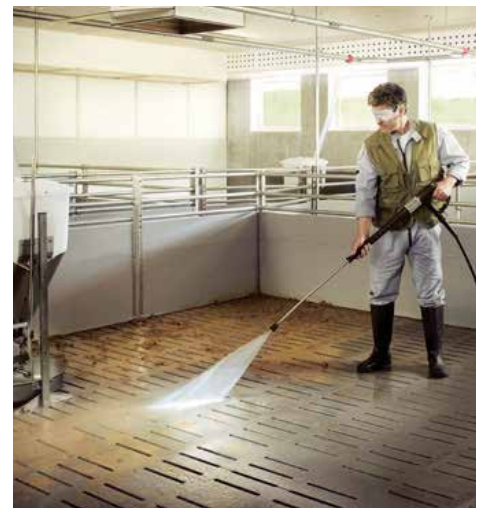


Full-size Classic
Hot Water Pressure Washers



Powerful, User-friendly and Fuel-efficient





The next stage of innovation

Kärcher's Full-size classic hot water pressure washers are exceptional cleaners in addition to their rugged dependability and easy of use. Unique to Kärcher, these machines come with an ecoefficiency setting, allowing the unit to operate in the most economical temperature range. This saves operating costs and the environment at the same time. Kärcher's innovative cleaning solutions make them indispensable wherever professional cleanliness is necessary: in agriculture, the automotive trade and in the building services industry.

1 Environmental protection

Greater efficiencies are obtained from: the ecoefficiency mode, service switch for controlling water hardness, turbo fan, precision detergent metering, optimized burner technology and high-efficiency pump.

2 User friendliness

Making the unit more intuitive to operate is achieved with: a central, clearly arranged control panel, a spray lance holder, LED display, Easy Press trigger gun, 41" stainless steel wand that swivels under pressure and 50' of high pressure hose with built-in swivel.



3 Cleaning performance

Highly efficient cleaning is achieved with: Kärcher's patented nozzle technology, ceramic pistons, turbo fan, and increased pump efficiency. Accessories are optimized for specific applications and designed to suit user requirements.

4 Mobility

To ensure ease of mobility, these units feature two casters, large rubber-tired wheels, ergonomic handles, lifting points for handling with a forklift, lashing rings and a recessed tread for tilting.

5 Operational Reliability

Guaranteed by flue gas monitoring, a corrosion-proof, flexurally stiff, robust chassis, machine protector system, three-piston axial pump with ceramic pistons, heat resistant flue outlet, and much more.

6 Service friendliness


Easy access to all components that require servicing.

Environment friendly and efficient

KÄRCHER classic hot water pressure washers impress users with their quality, reliability, and efficiency. These characteristics are a direct result of the many design details developed after numerous field tests and consultations with professional users.



eco!efficiency mode

 Kärcher is the first manufacturer of high-pressure cleaners to offer eco!efficiency mode on the Classic hot water units. In eco!efficiency mode the machine operates in the most economical temperature range (140°F) and at the maximum water flow rate. Compared to full-load operation at 180°F, fuel consumption is reduced by up to 25% by optimizing burner operating cycles.



Service switch

The service switch offers a choice of five settings to suit local water hardness. This allows optimum metered quantities of anti-scaler and corrosion inhibitor to be added. And it prevents the build-up of lime scale on the heater coil. What's more, operating data (machine service) can be called up at any time.



Time-proven burner technology with new turbo fan



KÄRCHER burner technology not only stands for greater economy, our hot water pressure washers are seen as trendsetters in environmental protection because of their low emissions and high efficiency.



Easy Press and Servo Control (optional accessory)



The Easy Press trigger gun significantly reduces holding and operating effort.



The optional precise Servo controller allows the user to adjust the water flow rate and operating pressure directly on the trigger gun.



Three-piston axial pump

The new, optimized pump delivers high efficiency and a long service life.



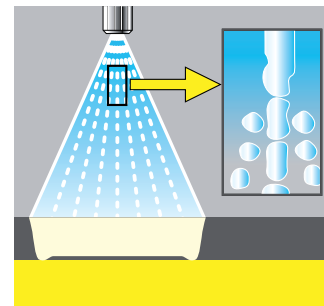
Detergent switch

The detergent switch is used to select the exactly metered quantities required from the detergent tanks. In the "0" position (feed off), the system is rinsed clear with fresh water.



4-pole motor

Kärcher 4-pole motors are low-speed and water-cooled providing quiet operation and long service life



Power nozzle

The patented Kärcher Power nozzle cleans large areas thoroughly with more power and efficiency. Compared to a conventional nozzle, the Power nozzle's sharp-contoured spray jet of large coherent droplets increases impact pressure by up to 40%.

Unbeatable versatility

Kärcher Full-size Classic units combines innovative technology with maximum operator convenience and impresses users with its economy and long service life even in difficult operating conditions.



1 Control panel

The controls and LED indicators on the new Kärcher Full-size hot water high-pressure cleaners are clearly laid out and designed for intuitive operation.

1.1 LED indicators

- Pump: Low oil, leak, dry-run cutout
- Motor: Overload, phase failure, over/undervoltage
- Burner: Flue gas temperature
- Service: Times
- Fuel: Tank empty
- Machine protector: Tank empty

1.2 Pressure gauge

Selected operating pressure

1.3 Detergent switch

1.4 Main switch

Cold and hot water mode, steam mode and ECO mode

1.5 Temperature switch

For accurate adjustment of temperature

2.1 Defined lifting points for forklift

The new generation of high-pressure cleaners has defined lifting points for handling with a forklift truck – ideal for loading and unloading.

2.2 Lashing rings

Defined rope attachment points for safe transportation in a service vehicle.

2.3 Maneuverability

Sturdy large diameter wheels with rubber tires and casters guarantee trouble-free manoeuvrability. This is enhanced by the ergonomic handles, which are suitable for pushing or pulling the machine.

2.4 Tilting aid

The tilting aid enables the machine to be raised at the front to overcome obstacles such as steps, for example.



**3 Flue gas temperature sensor/
Stainless steel flue outlet**

The flue gas temperature sensor inside the flue shuts off the machine when the flue temperature exceeds 572°F. This ensures greater safety for both the machine and the operator.

4 Ceramic pistons

The three pistons of the axial pump are made of hard, wear-resistant ceramics. This guarantees an exceptionally long wear life.

5 Chassis

The chassis is made of corrosion-free plastic. It has an all-round bump guard and built-in fuel and detergent tanks.

6 Fine mesh water filter

The fine mesh water filter upstream of the float tank traps suspended matter and protects the high-pressure pump from impurities.

7 SDS Soft damping system

The SDS soft damping system compensates for pressure surges in the high-pressure system and prolongs the life of all high pressure components (e.g. heater coil).

8 Spray lance

The machine is equipped with lance holders on both sides of the cover for secure stowage and transportation.

9 Accessory compartment

Each basic machine has a large capacity hinged accessory compartment for stowing tools, accessories and machine protector products.

10 High-pressure hose reel

Your choice of optional hose reels can hold up to 200' (61 m) of high pressure hose.

11 Service friendliness

Since the machine cover is quickly unlocked and removed, all machine components are easily accessible.

12 System care

The new machine protector system protects heater coils against the build-up of limescale. The cleaning agents in the machine protector Advance series are formulated to protect and maintain the whole machine.

Safety Certified

Each machine is certified by ETL to UL1776 and CSA C22.2 No 68-92 safety standards for owner and operator safety.

Full-size Classic power

The perfect machines for car dealers, building trade, agriculture and municipal use: our new middle class machines set standards in terms of technology, performance, ease of use, economy, service life and environmental protection.



HDS 4.0/20-4M Ea HDS 4.5/22-4M Ea HDS 3.5/30-4M Ea HDS 3.5/23-4M Eg HDS 5.0/30-4S Eb HDS 5.0/30-4S Ec

- Kärcher's direct-drive Axial pumps
- Industrial-grade axial pump
- Efficient burner uses less fuel
- Complete machine shut-down at the gun
- Low fuel shut-off / low water protection
- High temperature protection
- Variable flow, PSI, temp, & soap
- Steam capable at the turn of a knob
- ETL certified to UL and CSA standards



Optional



Technical Data

GPM	2.0-4.0	2.4-4.5	2.0-3.5	2.0-3.5	2.6-5.0	2.6-5.0
PSI	450-2000	450-2250	450-3000	450-2300	450-3000	450-3000
HP	9.5	9.5	9.5	9.5	11	11
Electrical	230V / 1ph	230V / 1ph	230V / 1ph	208V / 1ph	230V / 3ph	460V / 3ph
Amps	30	30	30	30	30	21
Pump	Kärcher Axial	Kärcher Axial	Kärcher Axial	Kärcher Axial	Kärcher Axial	Kärcher Axial
Ship Weight lbs.	396	443	405	368	423	413
Dimensions (L x W x H) inches	51 x 27 x 33	51 x 27 x 33	51 x 27 x 33	51 x 27 x 33	51 x 27 x 33	51 x 27 x 33
Order No.	1.071-408.0	1.071-409.0	1.071-412.0	1.071-407.0	1.071-608.0	1.071-609.0

Options (field installed)

8.750-682.0	100' Kärcher non-pivot hose reel, hose not included
9.801-418.0	Hose reel mounting kit, HDS full-size
9.804-067.0	100' EZEE Hose Reel, 3/8" x 100' with pin lock



makes a difference



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