

# KEN DISHWASHERS

KEN Industrial Dishwashers - Designed for any need

- ✓ Optimum hygiene
- ✓ Energy saving and low water consumption
- ✓ Danish design and quality



## Recommended by professionals

KEN Dishwashers ensure quick and high pressure washing, and they are known for high quality materials and functional standards as well as for reliability. The average lifetime of a KEN Dishwasher is remarkably long.

All KEN machines are equipped with automatic monitoring of the washing process, and the machines are rinsing at 80 degrees, as requested for restaurants, canteens and institutions.

KEN Dishwashers are cost efficient solutions due to the minimum consumption of water and energy. Furthermore, they offer easy handling and programming with interface.

# KEN DW 340

KEN DW 340 is designed in stainless steel and developed for intensive use 24/7. This machine is the smallest version of its class and can be installed in very narrow environments.

The entire washing process is electronically monitored by an operating computer, and the display shows program cycle, error codes and temperatures, and informs the users about irregularities like a lack of detergents or water among others.

- Under-counter machine intended for installation in 600 mm module or freestanding on a plinth.
- The washing capacity is up to 50 baskets per hour.
- Insertion height is 470 mm, and thereby making it able to wash tall items.
- Integrated chemical dosage.
- Digital countdown to indicate when the washing is over. Optimizes the work process.
- Integrated cleaning program. By pressing the button "clean" the machine is automatically cleaned.
- Optionally equipped with a steam condenser to minimize the steam emission



Technical specification	DW 340
<b>Wash chamber dimensions</b>	H: 485 x W: 510 x D: 520 mm
<b>Basket dimensions</b>	500 x 500 mm
<b>Water consumption per washing cycle</b>	2,5 litres
<b>Water intake at start-up / wash tank volume</b>	17 litres / 11 litres
<b>Water connection</b>	3/4" RG
<b>Flow pressure</b>	Min. 50 kPa
<b>Static pressure</b>	Max. 800 kPa
<b>Temperature</b>	5°C - 60°C
<b>Power connection</b>	230 / 400V 50 Hz 1/3~ + N + PE
<b>Heating elements, rinsing tank</b>	6 kW / 9 kW
<b>Heating elements, washing tank</b>	6 kW / 9 kW
<b>Noise level</b>	65,5 dB(A)
<b>Programs</b>	3 adjustable programs
<b>Drain</b>	ø30 mm
<b>Steam condenser</b>	Optional

# KEN DW 410 and DW 412

## Washing principle

- The water consumption is only 2,4 litres per wash, and the machines can wash up to 50 baskets per hour.
- The dishwashers are equipped with 4 rotating washing and rinsing arms, which ensures a uniform and constant washing.
- Specially designed nozzles prevent clogging and improves the washing result.
- The wash tank is equipped with an efficient filter system that collects potential leftovers.
- The washing process is finished with a rinse. This efficient rinsing system ensures a low consumption of water. The rinsing always takes place at temperatures of at least 80°C. The temperature is ensured among other things by the insulated flush tank.
- Easy and efficient cleaning due to a minimum of edges, slots and joints.



## Hood function

- The vertical hood opening makes the machine easy to handle and relieves the back and shoulders.
- Steam in the face is avoided when opening the hood if the machine is equipped with extraction or a steam condenser.
- The hood is “locked” during the washing process on the automatic KEN DW 412. However, for the KEN DW 410, the program stops when the hood is opened, and the program must be restarted.
- The moulded synthetic hood is sound and heat insulated as standard. The hood is the best insulated on the market. It contributes to a lower power consumption and a better working environment as both noise and heat remain within the machine. Surface temperature on the hood is max. 45 ° C.



# KEN DW 410

## Manual Hood

- 2 washing programs and 2 optional programs.
- Easy manual opening by a handle on the hood.
- Washing cycle starts automatically upon closing of the hood.
- Insertion height for washing trays is 400 mm.
- Digital countdown to indicate when the washing is over. Optimizes the work process.
- Built-in computer controlled dosage of rinse aid.
- Optional automatic detergent dosage which is individually adjustable for each washing program.
- Optional extraction.
- Optionally equipped with a steam condenser to minimize the steam emission.



# KEN DW 412

## Automatic Hood

- 4 washing programs.
- Automatic closing and opening of the hood.
- Washing cycle starts automatically upon closing of the hood.
- Insertion height for washing trays is 450 mm.
- Digital countdown to indicate when the washing is over. Optimizes the work process.
- Built-in computer controlled dosage of rinse aid.
- Integrated automatic detergent dosage which is individually adjustable for each washing program.
- Optionally equipped with KEN NetCom communication system.
- Integrated extraction on the right side as standard.
- Optionally equipped with a steam condenser to minimize the steam emission.



# TECHNICAL SPECIFICATIONS

Technical specifications	DW 410	DW 412
<b>Wash chamber dimensions</b>	H: 400 x W: 600 x D: 540 mm	H: 450 x W: 600 x D: 540 mm
<b>Basket dimensions</b>	Square: 500 x 500 mm Round: Max. 540 mm	Square: 500 x 500 mm Round: Max. 540 mm
<b>Water consumption per basket</b>	2,4 litres	2,4 litres
<b>Water intake at start-up / wash tank volume</b>	25 / 30 liter	25 / 30 liter
<b>Minimum water pressure</b>	200 kPa at 15 litres/min	200 kPa at 15 litres/min
<b>Maximum water pressure</b>	800 kPa	800 kPa
<b>Power connection</b>	3Nx200/230/240/380/400/415V 50/60Hz E+(N) (Single phase is also possible)	3Nx200/230/240/380/400/415V 50/60Hz E+(N) (Single phase is also possible)
<b>Connecting power / fuse</b>	Standard: 9,9 kW / 16Amp.	Standard: 9,9 kW / 16Amp.
<b>Heating elements, rinsing tank</b>	9 kW	9 kW
<b>Heating elements, washing tank</b>	9 kW	9 kW
<b>Water connections</b>	3/4" pipe thread, temperature: standard 50° C, max. 60°C. Connection to cold water possible	3/4" pipe thread, temperature: standard 50° C, max. 60°C. Connection to cold water possible
<b>Noise level</b>	64,5 dB(A)	65,5 dB(A)
<b>Microprocessor control</b>	Program cycle, rinse temperature and error texts are shown on the display.	Program cycle, rinse temperature and error texts are shown on the display.
<b>Drain</b>	ø32 mm	ø32 mm
<b>Rinse aid dosage</b>	Integrated pump	Integrated pump
<b>Automatic detergent dosage</b>	Option: Integrated pump and control for all types of detergent	Integrated pump and control for all types of detergent
<b>Steam heating</b>	Optional	Optional
<b>Steam condenser</b>	Optional	Optional
<b>Exhaustion, connecting branch and electric control</b>	Optional	Standard at right side of machine. Ventilation pipe ø100 - ø160 mm.

## Contact KEN HYGIENE SYSTEMS

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