

ENERGYST HOT WATER SYSTEMS SPECIFICATION



HOT WATER SYSTEMS 100 – 550 KW

HIGH-PERFORMANCE HOT WATER SYSTEM RENTALS

Our hot water systems deliver hot water at temperatures up to 90°C for spaces and industrial process heating. These are quiet, high efficiency units with easy control and low emissions. Often combined as a package with air handlers and fan coils, they connect to flexible hoses for remote heating.

Units can be oil or gas powered, with heating capacities ranging from 100 kW to 550 kW using variable speed drive for extra efficient

operation. Accessories include gas burners, air handlers, plate heat exchangers, and thermostatic control.

All our units have a standard design to make assembly, disassembly, installation and maintenance quick and easy. They are easy to transport with a forklift or a crane. They of course come complete with all the ancillaries and fittings you'll need.

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HOT WATER SYSTEMS 100 – 550 KW

TECHNICAL INFORMATION

Model		100	215	340	380	550	600
Heating capacity ¹	KW	100	215	340	350	550	560
Power supply	Vac/Ph/ Hz/PE+N	400/3/50/PE+N	400/3/50/PE+N	400/3/50/PE+N	400/3/50/PE	400/3/50/PE+N	400/3/50/PE
Power connection	-	CEE 32A (5-pole)	CEE 32A (5-pole)	CEE 32A (5-pole)	CEE 32A (5-pole)	CEE 32A (5-pole)	CEE 32A (5-pole)
Max. power consumption (incl. pump)	KW	2	3	5	8	13	10.5
Power protection (slow fuse)	A	16	16	16	16	25	25
Fuel consumption ²	L/hr	10.7	23	36.4	37.9	58.9	59.8
Hydraulic connections (DIN11851)	DN [mm]	40	50	50	50	80	80
Max. operating pressure	bar	4	4	4	10	4	10
Pump speed	-	Fixed	Fixed	Fixed	Variable	Variable	Variable
Plate heat exchanger ⁵	-	Optional	Optional	Optional	Integrated ⁴	Optional	Integrated ⁴
Forklift pockets / Lifting points	-	Yes / No	Yes / No	Yes / No	Yes / Yes	Yes / No	Yes / Yes
Dimensions [LxWxH]	mm	2650 x 1200 x 1850	3500 x 1200 x 2100	4500 x 1200 x 2200	4500 x 1200 x 2240	4500 x 1200 x 2200	2991 ³ x 2438 x 2591
Weight	kg	1450	2750	3350	3270	3900	4350
Max. sound pressure at 10 m	dB(A)	58	60	65	65	66	65

1. At average boiler water temperatures of 60°C inlet and 80°C outlet
2. Fuel consumption based on maximum capacity
3. Transport length With chimney installed L=3491
4. Including integrated controls for stable wide range of water outlet temperatures
5. Boiler circuit and customer circuit fully hydraulic seperated

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.

The majority of our rental solutions is equipped with remote monitoring.

WE'D LIKE TO HEAR FROM YOU

If you would like to talk to us, request a rental or have a question there are two ways to contact us.

CALL US: 00800 3637 4978
EMAIL US: INFO@ENERGYST.COM

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