



BOILTE WARD

**READY-TO-USE MINI BOILER HOUSE
— TURNKEY SOLUTION**

POWER: 100–2000 kW

TEMPERATURE: up to 115°C

PRESSURE: 6 bar



Boilte Ward

FUEL: GAS / DIESEL / HEAVY FUEL OIL / HEATING OIL / WASTE OIL

Heat where you need it — without construction and permits

Boilte Ward is an outdoor gas boiler representing a ready-to-use mini boiler house in an insulated frame container based on the Core series hot water fire-tube boiler. This is not just equipment, but a complete boiler plant that simply needs to be placed on a prepared site near a building wall or on a roof and connected to utilities.

The Ward model range covers thermal power from 100 to 2,000 kW. Heat transfer fluid — water up to 115°C. Efficiency — up to 93%. Operating pressure — up to 6 bar. Design service life — more than 15 years.

The key advantage: Construction savings reach 60% — you don't need a capital building, expensive designs, or lengthy permits. Commissioning time is reduced from months to days. Installation against a wall, on a roof, or adjacent to a building requires no additional internal floor space.

Ready-to-use — out of the box

Ward is supplied in a state of maximum factory readiness:

- In an insulated sandwich-panel container (50 mm) with access doors
- With a fully assembled Core boiler inside
- With pumps, valves, and a safety group
- With an electrical control panel and weather-compensated automation
- With a stainless steel chimney

You don't need to separately design the boiler house, purchase pumps, valves, or control panels — everything is already assembled, connected, and tested at the factory. Installation is reduced to site preparation, positioning the unit, and connecting to gas, water, and electrical utilities.

All-weather performance

Ward is housed in an insulated sandwich-panel frame container (50 mm thickness), designed for operation at extreme temperatures from -40°C to +40°C. The container protects the equipment from precipitation,

wind, snow, and temperature fluctuations. The boiler is not affected by:

- Frost down to -40°C
- Rain, snow, hail
- Strongwind
- High humidity
- Strongwind

Design features

Main heat generator — Core boiler:

- Two-pass fire-tube design with reverse flame movement
- Fire tubes with spiral turbulators
- Gas-tight design with pressurised operation
- Shell made of 09G2S boiler steel

Gas-tight design — the boiler operates under pressure. Forced flue gas extraction eliminates the need for a tall chimney, simplifying installation and reducing costs.

Easy maintenance — clear zoning: access to controls and burner through the front panel, to the thermal-mechanical section (pumps, valves) through the rear. The front boiler door opens in either direction, which is especially convenient for installation in confined spaces.

Modularity and scalability — the design allows easy addition of options: DHW heat exchanger, heat meter, backup electric heating. As loads increase, boilers can be combined in a cascade, gradually increasing capacity without replacing equipment.

Simple logistics and fast installation

Thanks to the container design, Ward can be delivered to the site by standard road transport and installed on a prepared site in one day. Lifting lugs and a self-supporting frame allow the use of any type of lifting equipment.

Low noise for installation near residential areas

The container's sound insulation and vibration-damping boiler mounts ensure low noise levels during operation, allowing Ward to be installed in close proximity to residential buildings, schools, hospitals, and other facilities with strict acoustic comfort requirements.

Where Ward is applied

- Residential complexes and apartment buildings – autonomous heating without separate boiler house construction
- Social facilities – schools, kindergartens, hospitals, sports centres
- Industrial and warehouse facilities – heating of workshops, logistics centres, hangars
- Commercial and office buildings – roof or wall installation, freeing up basements for rent
- Remote locations – minimal maintenance staff requirement, autonomous operation
- All-weather performance down to -40°C – insulated sandwich-panel container
- Intelligent control – weather-compensated automation, gas savings up to 20%
- High efficiency up to 93% – two-pass design with turbulators
- Easy maintenance access – clear zoning, door opens in either direction
- Cascading – combining multiple boilers for capacity expansion
- Lifetime warranty on heat exchanger and load-bearing components
- Full certification package (GOST, TR EAEU, EN) for trouble-free commissioning

Why choose Boilte Ward?

- Ready-to-use mini boiler house – no construction required, up to 60% savings

Technical specifications

Model, Ward	Power, kW**	Efficiency, %	Boiler resistance, mbar	Water volume, L	Flue gas flow, m ³ /h	Gas consumption, m ³ /h	H, mm	B, mm	L, mm	Dry weight, kg
100	100	92,12	0,4	140	171,55	11,55	1500	1100	2900	1520
150	150	92,02	1,2	107	257,03	16,56	1500	1100	3000	1590
200	200	92,14	2,5	200	340,67	21,95	1500	1100	3200	1720
250	250	92,11	4,6	320	427,33	27,34	1500	1100	3500	1880
300	300	92,13	3,1	360	512,78	32,81	1700	1200	3600	2360
350	350	92,11	4,6	450	597,35	38,51	1700	1200	3700	2450
400	400	92,11	5,6	490	716,84	43,9	1700	1200	3900	2550
500	500	92,12	4,8	530	854,70	54,69	1800	1300	4000	2930
600	600	92,12	6,9	640	1011,57	65,47	1800	1300	4400	3200
700	700	92,12	5,7	850	1203,33	77,03	1800	1300	4600	3370
800	800	92,12	3,9	890	1411,72	88,58	2200	1600	4500	4520
900	900	92,11	5,1	950	1588,66	98,59	2200	1600	4600	4650
1000	1000	92,11	6,7	1200	1730,81	109,38	2200	1600	4900	4960
1100	1100	92,12	4	1400	1917,25	120,55	2200	1600	5100	5370
1200	1200	92,12	5,2	1500	2050,02	131,72	2200	1600	5400	5670
1300	1300	92,09	6,3	1600	2221,12	142,50	2200	1600	5500	5850
1400	1400	92,15	7,6	1610	2401,41	154,05	2200	1600	5700	6070
1500	1500	92,11	5,1	1700	2597,32	164,45	2400	1750	5500	6920
1600	1600	92,13	6	1750	2771,42	175,62	2400	1750	5700	7160
1700	1700	92,11	7	1800	2991,34	186,41	2400	1750	5800	7350
1800	1800	92,11	8,1	1850	3019,62	197,19	2400	1750	5900	7570
2000	2000	92,12	8	2000	3457,16	219,53	2500	1850	6100	8700

****Power:** The values shown correspond to operation on methane (natural gas). When using diesel fuel or heavy fuel oil (mazut), a power adjustment (reduction) may be required in accordance with design standards and fuel-specific calculations.

Boilte reserves the right to modify dimensions and design without prior notice.

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