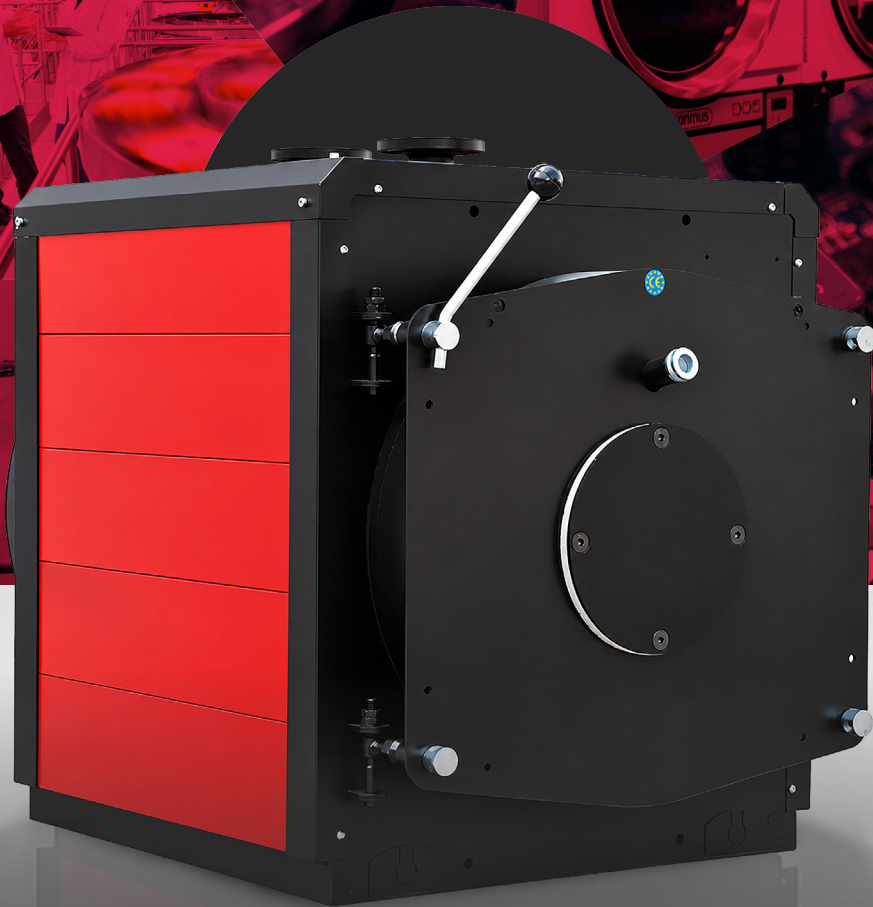


OBRIEN



OBYFLAME

Firetube Hot Water Boiler

Powerful, Efficient, Reliable



OBYFLAME

Firetube Hot Water Boiler

High performance reverse flame boiler.
Gas or liquid fired, 1000–6000 kW, 60–100°C.
Above 91% efficiency. Built for fuel savings,
low flue gas temperature and reduced CO and NOx.

91%+

Thermal Efficiency

100-6000

Output kW

60-100°C

Operating Temp

Low NOx

& low CO

Key Features



High Quality Steel Body

Laser cut and electrically welded construction



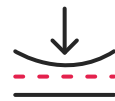
Full Penetration Welding

Front tube plate entirely flanged towards the furnace



Efficient Furnace Cooling

Back plate fully dished and submerged in boiler water



Higher Static Resistance

Stay tube welded between furnace back and rear tube plate



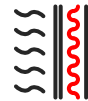
Ceramic Fibre Front Door

Steel plate — internally insulated



Fireproof Rear Smoke Box

Thermal insulated steel sheet



Thick Glass Wool Insulation

Radiation surfaces thermally insulated



High Density Outer Casing

Easy to mount painted steel panels

Lower carbon, lower cost, higher reliability — through engineered energy systems.

Technical Specifications

Model Breakdown

Model	Heat Output (kW)	Efficiency	Water Vol (L)	Weight (kg)	H (mm)	L (mm)	P (mm)
OBYFLAME 140	1400	91%	1500	2665	1746	1470	2886
OBYFLAME 160	1600	91%	1500	2665	1746	1470	2886
OBYFLAME 180	1800	91%	1650	2815	1746	1470	3096
OBYFLAME 200	2000	91%	2000	3730	1876	1600	3220
OBYFLAME 240	2400	91%	2300	3980	1876	1600	3480
OBYFLAME 300	3000	91%	3150	5300	2146	1870	3480
OBYFLAME 350	3500	91%	3650	5800	2146	1870	3935
OBYFLAME 400	4000	91%	4450	7420	2326	1980	4310
OBYFLAME 450	4500	91%	4900	7920	2326	1980	4660
OBYFLAME 500	5000	91%	6200	9530	2529	2180	4729
OBYFLAME 600	6000	91%	6900	11330	2529	2180	5261

Why O'Brien?

- **Australia's Largest**

Leading supplier of industrial boilers across Australia

- **20+ Years Experience**

Decades of engineering expertise in steam & hot water systems

- **24/7 Support**

Around the clock support with instant phone assistance

- **Accredited Training**

RTO Code 45484, boiler operation training nationwide

- **Tailored Solutions**


Custom engineered, with no off the shelf compromises


- **765+ Active Clients**


Trusted across Australia and internationally

Ready to engineer your energy solution?

Connect with us at

 1300 771 759

 obrien-energy.com.au

 sales@obrien.energy

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