

**OBRIEN**



**OBYGREEN**

# Firetube Three Pass Hot Water Boiler

Robust, Efficient, Dependable



# OBYGREEN Hot Water Boiler

Three pass wet back hot water boiler.  
Liquid or gas fired. 3000–7000 kW.  
Up to 110°C.

## Core Features



### Three Pass Firetube

Horizontal single pass combustion chamber — maximum heat transfer.



### Wet Back Design

500mm diameter manhole tube —  
easy access, lower maintenance.



### Heavy-Duty Insulation

· 80mm mineral wool  
· Embossed aluminium casing.



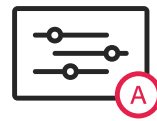
### Front Access Door

Opens by hand wheel —  
no need to remove the burner.



### Single Control Panel

All wiring converges to one panel —  
silicone insulated, PVC protected.



### Auto Operation Ready

Full mechanical and hydraulic  
ancillary assembly included.

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

# Technical Specifications

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## Model Breakdown

Model	Heat Output (kW)	Water Vol (L)	Weight (kg)	H (mm)	L (mm)	P (mm)
OBYGREEN 3000	2580	4496	6300	2460	2200	3879
OBYGREEN 3500	3010	5746	6950	2460	2200	4379
OBYGREEN 4000	3526	6441	8200	2700	2410	4379
OBYGREEN 5000	4300	7335	8970	2700	2410	4879
OBYGREEN 6000	5160	9088	11280	2820	2560	5389
OBYGREEN 7000	6020	10066	12160	2820	2560	5889

## Control Panel & Standard Equipment

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### Control Panel

<ul style="list-style-type: none"><li>◦ Main Switch</li></ul>	<ul style="list-style-type: none"><li>◦ Burner Switch</li></ul>
<ul style="list-style-type: none"><li>◦ Bypass Pump Interrupt</li></ul>	<ul style="list-style-type: none"><li>◦ Electronic Thermostatic Control<ul style="list-style-type: none"><li>· Flow temp display</li><li>· On/Off</li><li>· Second stage burner</li></ul></li></ul>
<ul style="list-style-type: none"><li>◦ High Pressure Alarm<ul style="list-style-type: none"><li>Light indicator + Reset button</li></ul></li></ul>	<ul style="list-style-type: none"><li>◦ High Temperature Alarm<ul style="list-style-type: none"><li>Light indicator + Reset button</li></ul></li></ul>
<ul style="list-style-type: none"><li>◦ Alarm Reset Button</li></ul>	<ul style="list-style-type: none"><li>◦ Alarm Siren</li></ul>

### Standard Equipment

<ul style="list-style-type: none"><li>◦ Pressure Monitoring<ul style="list-style-type: none"><li>Large dial 3-way test valve manometer</li></ul></li></ul>	<ul style="list-style-type: none"><li>◦ Temperature Monitoring<ul style="list-style-type: none"><li>0–120°C thermometer · PT1000 thermocouple</li></ul></li></ul>
<ul style="list-style-type: none"><li>◦ Safety Thermostats<ul style="list-style-type: none"><li>· Regulating (100°C)</li><li>· Manual reset high temp (100°C)</li></ul></li></ul>	<ul style="list-style-type: none"><li>◦ Purging Unit<ul style="list-style-type: none"><li>· Purge shut-off valve</li><li>· quick exhaust valve with manual lever</li></ul></li></ul>

# Why O'Brien?

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- **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](http://obrien-energy.com.au)

 [sales@obrien.energy](mailto:sales@obrien.energy)

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