



OBYPHASE W

Electric Hot Water Heater

Continuous, Efficient, Effortless



OBYPHASE-W

Electric Hot Water Heater

Automatic electric hot water heater. No combustion. 180 to 540 kilowatts. 5 bar design pressure. Built for facilities that need a continuous, reliable hot water supply with minimal maintenance.

180–540 kW

Output Range

5 Bar

Design Pressure

>99%

Thermal Efficiency

Unattended

AS2593-2021 Category

Key Features



Easy Installation

Quick and simple to install, available as a fixed unit or pre engineered containerised package.



Reduced Maintenance

No combustion. Fewer moving parts and less downtime.



No Supervision Required

Classed as unattended under AS2593-2021.



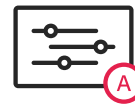
Continuous Hot Water Supply

Reliable output for ongoing wash down and process demand.



Flexible Deployment

Available as a single fixed installation or a containerised, plug and play package.



Automatic Operation

Fully automatic, with safety, control and instrumentation accessories fitted as standard.

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

Standard Equipment

◦ Electric Heating Elements	◦ Control Panel and Cabinet
◦ Safety Valve	◦ Flow Switch
◦ Drain Valve	◦ Primary Instrumentation and Valving
◦ Circulation Pump(s)	◦ Plate Heat Exchanger
◦ Chemical Dosing Pot	◦ Expansion Vessel

Technical Specifications

Feature	OBYPHASE-W 180	OBYPHASE-W 540	Unit
Install Capacity	180 (per unit)	540	kW
Thermal Efficiency at 100% Load	>99	>99	%
Design Temperature	99	99	°C
Design Pressure	5	5	bar
Element Capacity	12 x 30	12 x 45	kW
Electric Current	12 x 42	12 x 62	Amps
Electrical Power Supply	3/N~415	3/N~415	V
Nominal Frequency	50	50	Hz
Insulation Class	IP44	IP44	-
Total Weight (empty)	1198	1198	kg
Attendance Category, AS2593-2021	Unattended	Unattended	-
Flow / Return	50	65	DN

Delivered & Commissioned



*Container 2 x 180kW OBYPHASE W
Heidelberg*

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?

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