



OBYCON Condensing Boiler

Compact, Simple, Efficient



OBYCON

Condensing Boiler

97% efficient. Gas fired. Floor standing.
Built for commercial demands.

97%

Efficiency

5:1

Modulation

16

Cascade

31

Safety Systems

Core Features



Built-in Automation

- LCD scheduling
- No extra equipment



Safe & Reliable

- 9 sensors
- 31 sub-systems



Remote Monitoring

- Built-in web server



Compact Footprint

- Space-efficient design

Areas of Use



Hotels



Hospitals



Schools



Shopping Centers



Gyms



Swimming Pools

Sizes & Dimensions

W 640 mm · H 1345 mm — Length varies by model

FTC-X 200 / 270 NG	640 × 1345 × 1565 mm
FTC-X 340 NG	640 × 1345 × 1645 mm
FTC-X 410 / 480 / 550 NG	640 × 1345 × 2120 mm
FTC-X 680 NG	640 × 1345 × 2310 mm
FTC-X 760 NG	640 × 1345 × 2405 mm

Technical Specifications

Model Breakdown

Model	Max Capacity (kW)	Min Capacity (kW)	Max Heat Output 80/60°C (kW)	Min Heat Output 50/30°C (kW)	Water Volume (L)	Weight (kg)
OBYCON 200	230	30	214	230	18.67	260
OBYCON 270	300	35	285	305	22	280
OBYCON 340	380	45	356	380	27	300
OBYCON 410	450	55	429	455	32	320
OBYCON 480	480	65	498	530	36	340
OBYCON 550	600	75	570	605	41	360

* Peak efficiency 107.3%. Gas type G20 to G31. Max pressure 6 bar. Max temperature 85°C. NOx Class 6.

Gas and Flue	
Gas Type	Natural Gas / LPG (G20 to G31)
Gas Inlet Pressure	20 mbar (G20) / 37 mbar (G31)
Flue Gas Temperature	30 to 80°C
Flue Diameter	160 mm (200 to 340 models) / 200 mm (410 to 550 models)
Condensate Connection	Connection: R3/4 inch
Operating Limits	
Max Heating Temperature	85°C
Max Water Pressure	6 bar
Min Water Pressure	0.8 bar

Delivered & Commissioned

OBYCON

*at City of Melbourne, City Village, Level 5,
225 Bourke Street, MELBOURNE VIC*



OBYCON

*at Crown Perth Resort and
Casino in Burswood, WA*



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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