

OBRIEN



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

230-600 kW

Capacity range

107.3%

Peak Efficiency

Nox 6

Emissions Class

85°C

Max Temp

6 bar

Max Pressure

Model Breakdown — 200 / 270 / 340 / 410 / 480 / 550 PLUS

Thermal Capacity	
Max Heating Capacity	230 / 300 / 380 / 450 / 480 / 600 kW
Min Heating Capacity	30 / 35 / 45 / 55 / 65 / 75 kW
Max Heat Output (80°C/60°C)	214 / 285 / 356 / 429 / 498 / 570 kW
Max Heat Output (50°C/30°C)	230 / 305 / 380 / 455 / 530 / 605 kW
Connection	
Efficiency @ Pmax (80°C/60°C)	98% — all models
Efficiency @ Pmax (50°C/30°C)	104.3-104.7%
Efficiency @ Pmin (50°C/30°C)	107.1-107.3%
Efficiency @ 30% (30°C return)	107.4-107.6%
Connection	
Max Heating Temperature	85°C — all models
Max / Min Water Pressure	6 bar / 0.8 bar — all models
Water Volume	18.67-41 L
Connection	
Gas Type	G20-G31 (Natural Gas / LPG) — all models
Gas Inlet Pressure G20 / G31	20 mbar / 37 mbar — all models
Connection	
Flue Gas Temperature	30-80°C — all models
NOx Class	6 (EN 15502-1+A1) — all models
Connection	
Net Weight	260-360 kg
Flue Diameter	160mm (200-340) / 200mm (410-550)
Condensate Connection	R3/4" — all models

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?

Connect with us at

 1300 771 759

 obrien-energy.com.au

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