

ATLAS D ECO COND SI UNIT

FREE STANDING CONDENSATION THERMAL UNIT WITH LOW NO_x DIESEL OIL BURNER FOR HEATING AND DHW

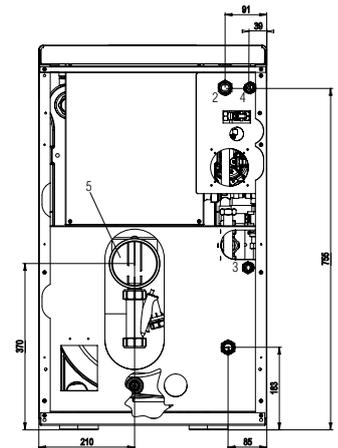
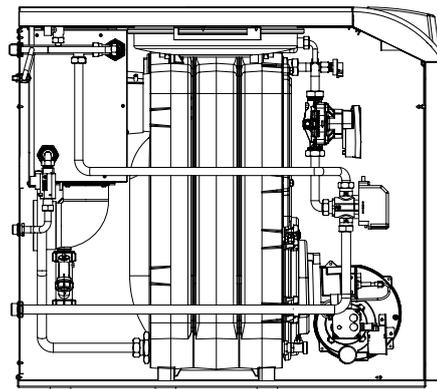
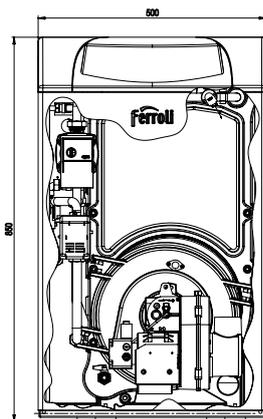


> STRENGTHS:

- **Boiler body** in cast iron G20 and preassembled elements with steel double cones and tie rods
- **High efficiency fumes post condenser** in stainless steel AISI 2205 with integrated instantaneous domestic hot water production
- **Integrated domestic hot water circuit** in post condenser complete with flow switch. The system favours condensation even in the domestic hot water production phase, providing the generator with a high degree of efficiency
- Completely wet **combustion chamber**
- **Complete with single stage diesel oil burner** with low pollutant emissions
- Control panel with large interface display and easy and intuitive parameter setting keys
- **Heating circuit** including pump, expansion vessel, 3 bar pressure relief valve and water pressure switch
- **Outer casing** in painted steel by epoxy powder anaphoresis and kiln fired at 180°C
- **Supplied** in a single parcel packed in a wooden box complete with filter and diesel oil line connection hoses

> ADVANTAGES OF ATLAS D ECO COND SI UNIT:

- **Sliding temperature operating mode** with external probe (optional)
- **Can be combined** with the remote control timer
- **Antifreeze system** with triggering threshold at 6°C
- **Easy access** to stainless steel condenser for cleaning and inspection



MODEL			34
ERP Class		(Class G - A ^{**})	A
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Nominal heat input (LCV)	Max / Min heating	kW	33.0 / 16.3
Heating thermal output 80°C-60°C 50°C-30°C	Max / Min heating	kW	32.0 / 16.0
	Max / Min heating	kW	33.8 / 17.0
Useful thermal efficiency	80°C-60°C	P _{max} % / P _{min} %	97.0 / 97.9
	50°C-30°C	P _{max} % / P _{min} %	102.6 / 103.9
	Reduced load 30%	P _{max} %	-
Domestic hot water production	Δt 30°C	l/min	15.8
Working pressure	Min / Max heating	bar	0.8 / 0.3
No-load weight		kg	180
CODE (see page 3)			0LHW3YWA

> KEY

- 1 System delivery Ø 3/4"
- 2 System return Ø 3/4"
- 3 DHW inlet Ø 1/2
- 4 DHW return Ø 1/2
- 5 Fumes outlet Ø 100 mm

> ACCESSORIES

CODE	DESCRIPTION
013018X0	EXTERNAL PROBE