

SILENT D ECO COND SI UNIT

CONDENSING HEATING UNIT FOR HEATING AND DHW WITH LOW NOX DIESEL BURNER AND STEEL BOILER BODY

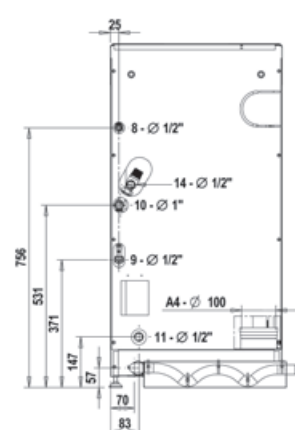
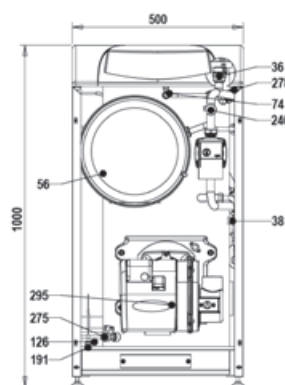
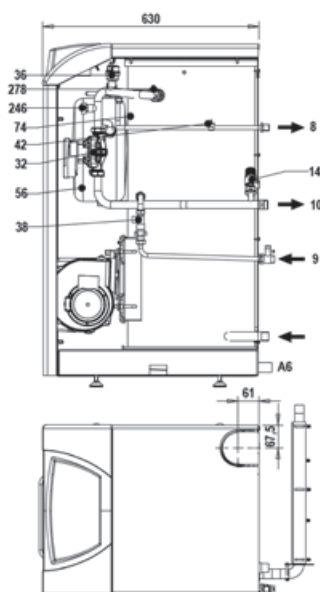


> STRENGTHS:

- Main vertical smoke-tube heat exchanger in steel with two flue gas passes. First flue gas pass in carbon steel. Second flue gas pass (condenser) and condensate collection chamber in AISI 2205 stainless steel
- High-efficiency DHW production through internal coil heat exchanger
- Fully water-cooled combustion chamber
- Supplied with single-stage low-emission diesel burner
- Control panel with large user-friendly display and simple, intuitive setting keys
- Complete with heating circulator, expansion vessel, 3-bar safety valve, and water pressure switch
- Supplied as a single package, in a wooden crate, including filter and flexible fuel line connections
- Weather-compensated operation with outdoor temperature sensor (optional)
- Compatible with remote chronothermostat
- Antifreeze protection with intervention threshold at 6°C

> KEY

- A4 Flue outlet Ø 100
- A6 Condensate drain
- 8 DHW outlet Ø 1/2"
- 9 DHW inlet Ø 1/2"
- 10 Heating flow Ø 3/4"
- 11 Heating return Ø 3/4"
- 14 Safety valve Ø 1/2"
- 32 Heating pump
- 36 Automatic air vent
- 38 Flow switch
- 56 Expansion vessel
- 74 System filling tap
- 191 Flue gas temperature sensor
- 246 Pressure transducer
- 275 Heating circuit drain valve
- 278 Dual sensor (safety + heating)
- 295 Burner



INDOORS



MODEL			30
ERP class			
	XL		
Nominal heat input (LHV)	Max heating	kW	29.3
Useful heating output (80-60°C) (50-30°C)	Max heating	kW	28.5
	Max heating	kW	30
Useful efficiency	80°C-60°C	Pmax %	97.0
	50°C-30°C	Pmax %	102.3
	30% load	Pmax %	103.7
DHW production	Δt 30°C	l/min	14.3
Operating pressure	Min / Max heating	bar	0.8 / 0.3
Empty weight		kg	115
CODE			0QHY2YKA