

# SILENT D ECO COND UNIT

CONDENSING HEATING UNIT - HEATING ONLY WITH LOW NOX DIESEL BURNER AND STEEL BOILER BODY

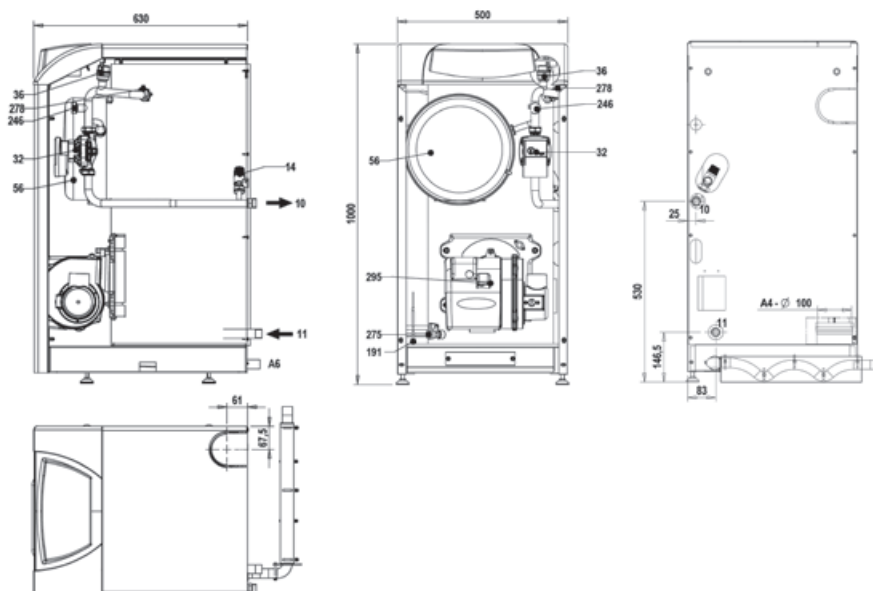


## > STRENGTHS:

- 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
- 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)
- The unit's electronics can manage an external domestic hot water (DHW) storage tank (optional)
- Compatible with remote chronothermostat
- Antifreeze protection with intervention threshold at 6°C

## > KEY

- A4 Flue outlet Ø 100
- A6 Condensate drain
- 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
- 56 Expansion vessel
- 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                      |  |  |
| Max heat input                 | kW                                                                                  | 29.3                                                                                |
| Max heating output (80-60°C)   | kW                                                                                  | 28.5                                                                                |
| Max heating output (50-30°C)   | kW                                                                                  | 30.0                                                                                |
| Efficiency at Pmax (80-60°C)   | %                                                                                   | 97.0                                                                                |
| Efficiency at Pmax (50-30°C)   | %                                                                                   | 102.3                                                                               |
| Efficiency at 30% nominal load | %                                                                                   | 103.7                                                                               |
| Max operating pressure         | bar                                                                                 | 3                                                                                   |
| Empty weight                   | Kg                                                                                  | 115                                                                                 |
| CODE                           |                                                                                     | 0QH22YKA                                                                            |