

Alfea Hybrid Duo Gas / Gas R

Split air-to-water heat pump with built-in gas burner (heating + DHW)
Hybrid heat pump solution for renovation projects



+ BENEFITS

- High performance with patented coaxial heat exchanger and condensing gas unit
- Equipped with 120 L enamelled steel DHW storage tank with ACI anti-corrosive protection
- Ergonomic outdoor sensor control and programmable indoor temperature
- Innovation with Gas R models: Cooling mode & new control option with energy cost input for more energy savings

DESCRIPTION

- Replacement of existing gas boiler
- 7 models: 6 to 16 kW
- Single-phase and three-phase models
- Heating and DHW integrated
- Patented coaxial heat exchanger
- Inverter regulation
- Navistem 200S control system

AVAILABLE OPTIONS

- 2 zones kit (plug-and-play kit)
- Boiler connection kit
- Cooling kit*
- Room controller

Practical trainings

that will help you save time and be more efficient.

Tailor-Made Training Programs

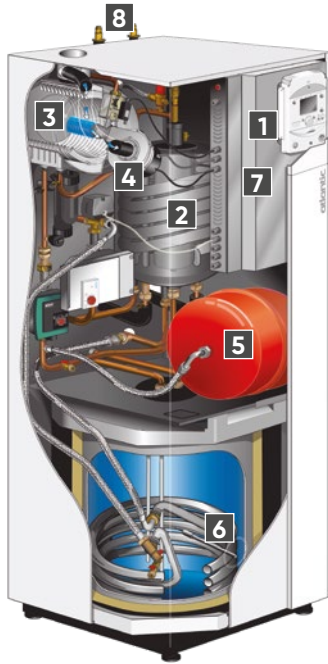
*Available for Alfea Hybrid Duo Gas R models



55°C

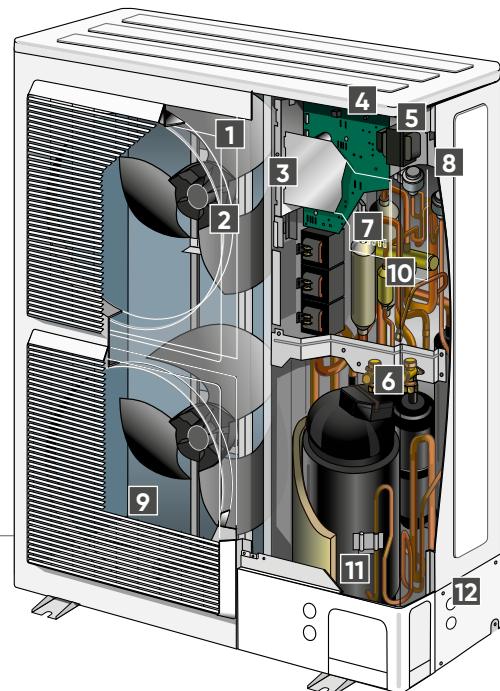


INDOOR HYDRAULIC MODULE



- 1 Control panel
- 2 Coaxial heat exchanger
- 3 Gas condensing unit
- 4 Gas burner
- 5 Heating expansion vessel
- 6 Hot water tank
- 7 Electric distribution board
- 8 Refrigerant connections

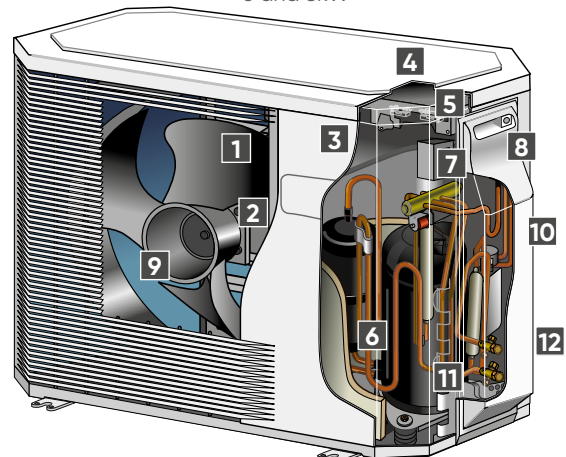
Outdoor Inverter unit
11, 14 and 16kW



OUTDOOR INVERTER UNIT

- 1 Low-noise, high-output ventilator
- 2 Electric variable speed motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connector terminal blocks (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High-performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover

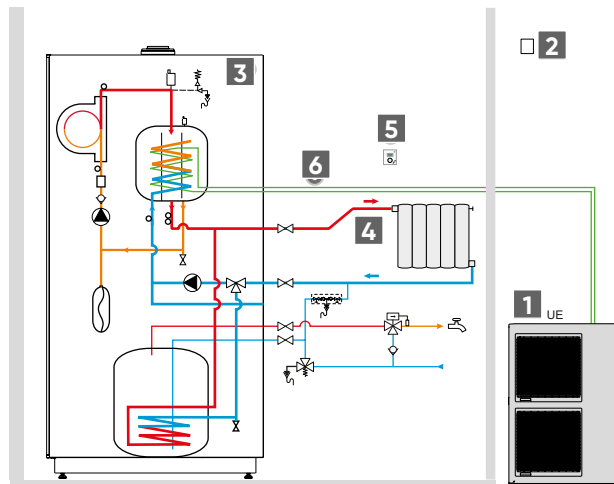
Outdoor Inverter unit
6 and 8kW



INSTALLATION SCHEMATICS

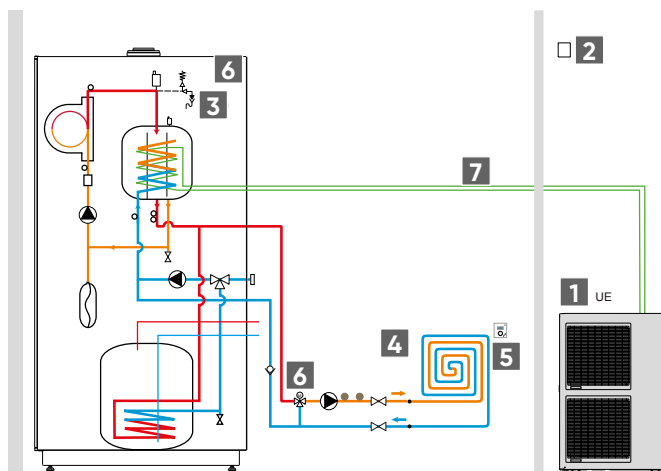
ALFEA HYBRID DUO GAS: 1 HEATING ZONE

- 1 Outdoor Inverter unit
- 2 Outdoor sensor
- 3 Indoor hydraulic module with back-up boiler and DHW tank
- 4 Radiators
- 5 Room controller*
- 6 Refrigeration connections*



ALFEA HYBRID DUO GAS: 1 HEATING ZONE + UNDERFLOOR HEATING

- 1 Outdoor Inverter unit
- 2 Outdoor sensor
- 3 Indoor hydraulic module with back-up boiler and DHW tank
- 4 Underfloor heating
- 5 Room controller*
- 6 2 zones kit or floor heating*
- 7 Refrigeration connections*



ALFEA HYBRID DUO GAS: 2 HEATING ZONES (RADIATOR + UNDERFLOOR HEATING)

- 1 Outdoor Inverter unit
- 2 Outdoor sensor
- 3 Indoor hydraulic module with back-up boiler and DHW tank
- 4 Underfloor heating
- 5 Room controller zone 1*
- 6 Radiators
- 7 Room controller zone 2*
- 8 2 zones kit or underfloor heating*
- 9 Refrigeration connections*

