
HELIOS INC

Solar System for fixing in a wall, for heating and D.H.W. production 2 solar tanks of 100 litres. With room sealed condensing gas boiler - Integral management of solar system - Simplified installation thanks to the pre-assembled modules.

Metallic box for in wall installation

- Protection degree IPX5D
- Two storage tanks, solar circulation group, expansion vessels, services module, exchangers, pumps for high and low temperature heating circuits.

Solar module composed of:

- Electronic differential controller with variable hysteresis
- One column circulation group
- Solar expansion vessel of 18 litres
- Stainless steel plate heat exchanger for solar circuit /primary water accumulator.

Double vertical storage tank of primary water (technical water) with total capacity of 200 litres.

- PU foam HD total insulation
- Max. working pressure: 6 bar
- Max. working temperature: 95°C
- Loading mode with different priority

ALKON HELIOS gas, room sealed condensing boiler, soundproofed, with pre-mix burner and electronic ignition, for outdoor installation

- CLEVER automatic filling group (after 3 automatic restorations in the 24 hours the boiler sends a notice signal)
- Very high modulation ratio 1:6.5
- Ultra-flat boiler body in Al/Si/Mg for high water circulation
- Premix modulating burner with constant air/gas ratio (SCOT system), Low NOx (Class 5 according to EN 297 and EN 483)
- Modulating pump
- Expansion vessel of 12 litres.

Services module

- High temperature direct circuit with dedicated pump
- Low temperature mixed circuit with dedicated pump
- D.H.W. priority flow switch
- Step by step mixing valve
- Stainless steel 24 plate D.H.W. heat exchanger

Remote control console

- Visualization and adjustment of all the control parameters
- Restoration and filling of the heating circuit water
- Operation in sliding temperature
- Antifreeze protection
- Pump with anti-jamming system
- Pump overrun for overheating prevention
- Management of solar circulation group
- Management of boiler module intervention.

Options:

- Modulating chrono-thermostat REGOLAFACILE
- Continuous regulation
- Economic reduction
- Fittings/valves kit