



CIAT AIR TO WATER HEAT PUMP AQUACIAT CALEO

(TD HEATING ONLY) NON INVERTER



Flexible design and options.
Best for where hot water is needed, for underfloor applications use other units.
Easy installation as a plug in and play unit.



20kW- 100kW
Capacity



New generation
hermetic scroll compressor
with partial vapour injection
and R407C refrigerant.



Heating water
up to
65°C



Complete integrated
hydraulic module: variable
speed accelerator pump,
8 litre
expansion tank
screen filter, safety valve



Eurovent
Certified. TBC



Heating control
down to -20°C



AQUACIAT Caleo
(20 to 100 kW)

Model - Connect Touch



STANDARD CONTACT POINTS



Automatic Operation Control – When this contact is open the system will stop.



Setpoint 1/Set Point 2 – When this contact is closed, a second heating setpoint is activated. *i.e. Unoccupied Mode.*



Fault – Indicates the presence of a major fault which causes the machine to stop.



4 Stage ON/OFF management
for addition heaters.



Domestic Hot Water demand.



ON/OFF for a boiler.

AVAILABLE CONTACT POINT

4-20mA signal to adjust setpoint.

MAINTENANCE POINTS



Scheduled Maintenance
Reminder – Activated and set
periods between two
maintenance dates.



Compulsory F-GAS Maintenance
date – Can be set against gas
charge value.

REMOTE MANAGEMENT



Webserver via IP Address –
Enables all the HMI Functionalities
including email alerts.

NIGHT MODE

Equipped with:

- Controlling fan rotational speed.
- Variable speed pump enabling pump functionality to be reduced to what is strictly needed.
- Three levels available – Standard, Low Noise & Xtra Low Noise.

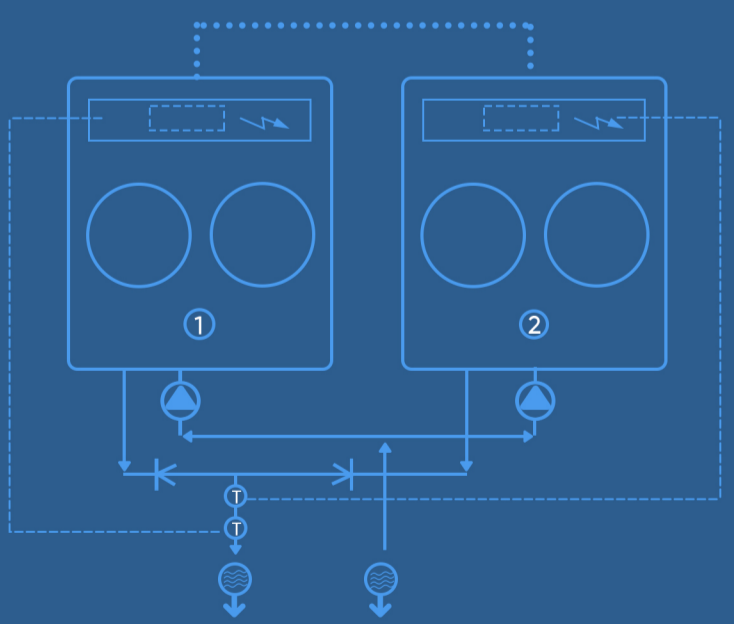


OPERATION OF TWO UNITS IN MASTER/SLAVE MODE

The control of a master/slave assembly is in the entering water and does not require any additional sensors (standard configuration). It can also be located in the leaving water. In this case two additional sensors must be added on the common piping.

All parameters, required for the master/slave function must be configured using the Service Configuration menu. All remote controls of the master/slave assembly (start/stop, setpoint, load shedding, etc.) are controlled by the unit configured as master and must only be applied to the master unit.

Depending on the installation and control type, each unit can control its own water pump. Please install check valves in the leaving water piping of each unit, as shown in the following diagrams. If there is only one common pump for the two units, the master unit can control this. In this case shut-off valves must be installed on each unit. They will be activated at the opening and closing by the control of each unit (and the valves will be controlled using the dedicated water pump outputs).



Compact and Silent
Optimised for heating
High energy efficiency
Winter operation down to
-20°C Hot water production
up to +65°C



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