

AQUADUE[®]

CONTROL

The home automation control that supervise and control the Olimpia Splendid hydronic systems



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AQUADUE[®] CONTROL

WHAT IS AQUADUE CONTROL ?

It is the home management system, designed by Olimpia Splendid for highly energy efficient residential systems. The control integrates Olimpia Splendid hydronic systems. Today Bi2, ultraslim terminals with a heating panel, and SHERPA inverter heat pumps are more united and efficient than ever.

With AQUADUE CONTROL you can configure the system, control it, and manage it in all its functions:

- Ventilated or irradiated heating
- Cooling
- Dehumidification
- hot water production*

AQUADUE CONTROL integrates the energy advantages of heat pump generators with the comfort advantages of Bi2 terminals and adds the possibility of managing each unit locally, even remotely.



DOMOTIC CONTROL TO MAXIMIZE COMFORT

- climate integration between heat pump generators and FAN RADIATOR system terminals
- Selection of dedicated comfort zones
- Weekly programming
- 3 "special programs" for diverse comfort needs
- Up to 192 units under control
- Remote from smartphone / tablet using APP for iOS and Android

* To high temperature if the SHERPA AQUADUE model heat pump is installed.



MULTIZONE , MULTICOMFORT

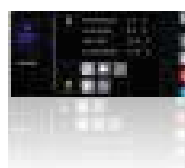
Thanks to the icon interface access to heat pump generators and terminal units is immediate and extremely simplified, and their management is supervised and integrated.

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AUTOPLAY

Independently identifies system units organizing them by type and environment and also groups and renames them according to user needs.



MULTIZONE, MULTICONTROL

For each group of generators or system terminals you can check and adjust:

- Operation mode
- Set point
- Temperatures levels of the water system
- Levels of ambient temperatures and climatic curves
- Programs

LIVING COMFORT, MAXIMUM ENERGY SAVING



At the single unit system level you can supervise and configure:

- Ambient Temperature Display
- Set point temperature
- Operating mode (heat, cold, auto)
- Speed ventilation: minimum, maximum, modulated
- Night Function (eliminates ventilation and maintains temperature thanks to irradiation, ensuring maximum comfort and zero noise)
- Direct terminal switch off

With Aquadue control you can select five modes of operation with optimized algorithms with climatic heat pump curves which maximize energy savings

- Heating comfort
- Heating economy
- Cooling comfort
- Cooling economy
- Automatic

Thanks to the interactive calendar these operations can be inserted in weekly and hourly programming.



TECHNOLOGY

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FEATURES

Compatible with the full Olimpia Splendid hydronic range - Bi2 and heat pumps (*)

Multiple access levels: single access levels with password ensure different editing and intervention access

Multi-zone control: heat pump generators control, control of each individual system terminal or system terminal groups

Operating modes display and alarms

Clock thermostat with weekly or daily programming

Heat pump generators climate curve integration with configured comfort levels

Simplified interconnection thanks to CPU board contacts

Integration with BACnet module (*)

Management of up to 192 units

Remote system supervision via app

CPU containing Ethernet TCP / IP

Connection with normal bipolar RS485 interface protocol Modbus cable.

Specific functions for commercial applications: ability to manage setpoint, keypad lock and forced operation mode restrictions for each fan coil

(*) On demand per specific project

Bi2 Bi2 + SMART, 2 or 4 tubes fan coil units are not required to be equipped with additional accessories, but with the usual complete command panels type B0371 or B0374. The heat pump unit can be Sherpa or Aquadue or both, up to a maximum of ten.

The wall B0736 LCD thermostat can govern itself up 32 sub-units (equipped with machine panels type B0372 or B0375) and increases the total number of manageable units ten fold.

CPU CONTROL

The CPU has two Ethernet ports for connection to a personal computer or a TCP / IP network or router / switch for remote management, including preconfigured OS application



AQUADUE TOUCH 7"

the best of comfort with a wide touch screen and an iconic design

