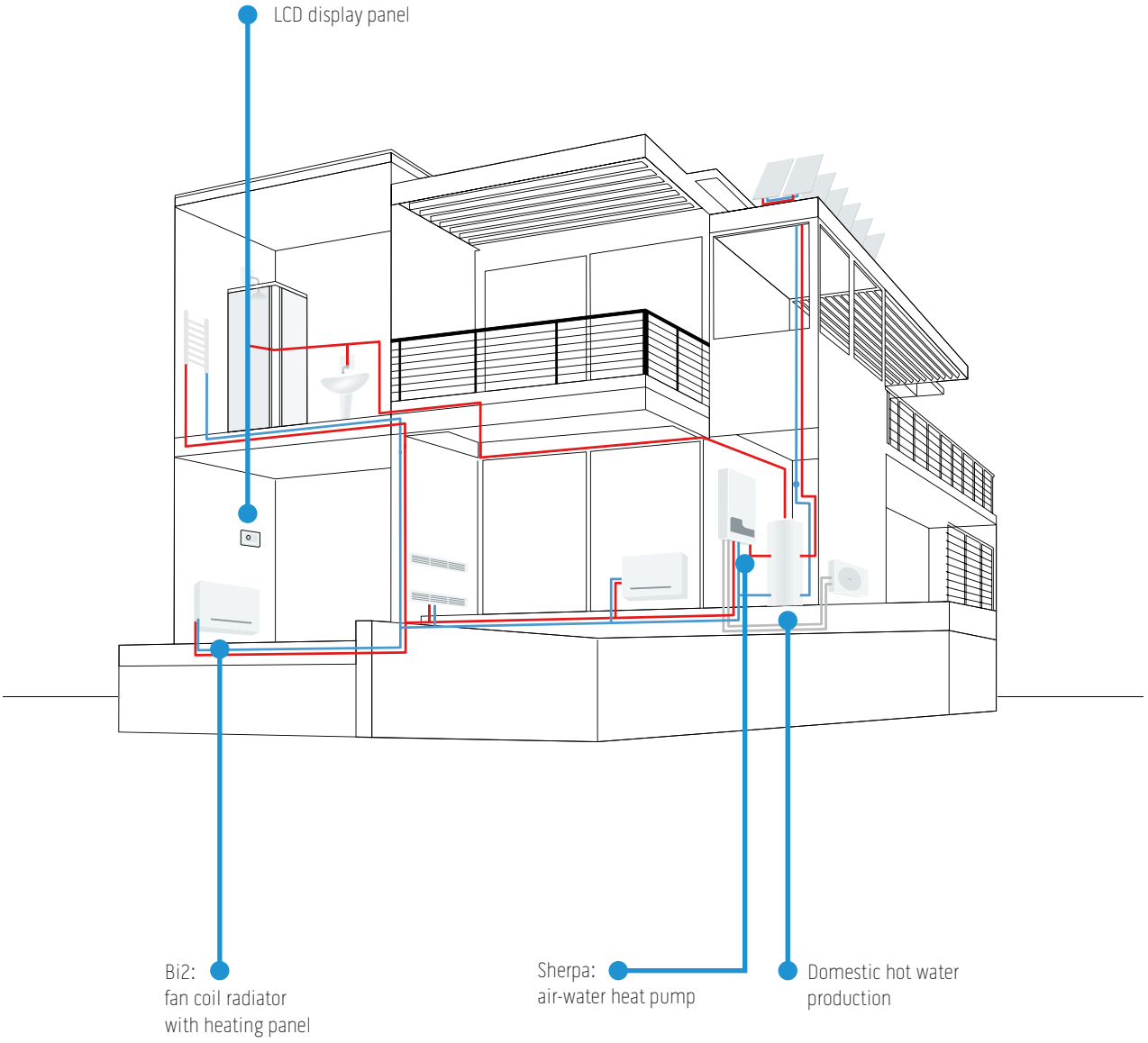
Aquadue **C**ontrol

Management and **control** system of Olimpia Splendid's Heat Pump installations.



The Aquadue® system integrates all OS heat pumps and Bi2 terminals. It also allows the management of potential back-up thermal groups or other elements of the installation, such as circulators. Aquadue®Control combines the efficiency of the heat pump inverter systems with the effectiveness of the Bi2 terminals, equipped with DC brushless motor and a radiant heating panel.

The Aquadue® system manages:

- Heat Pumps Summer and Winter set points
- Thermal loads
- Air flow of Bi2 fan coil units
- Time band programming at different set-points.

Aquadue Control

Management and **control** system of the air-conditioning/heating installation and domestic hot water production.

WHAT IS AQUADUE® CONTROL ?

It is the home automation management system designed by Olimpia Splendid for highly energy-efficient residential installations. It integrates all Olimpia Splendid's hydronic systems: Bi2, the ultraslim terminals with heating panels, and Sherpa inverter heat pumps are more integrated and efficient.
AQUADUE® CONTROL can autoconfigure, control, and manage all its functions:
- ventilated or irradiated heating
- cooling
- dehumidification
- hot water production

AQUADUE® CONTROL integrates the energy advantages of the heat pump generators with the comfort advantages of the Bi2 terminals adding the possibility to manage each unit locally, as well as remotely.

DOMOTIC CONTROL TO MAXIMIZE COMFORT

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

MULTIZONE , MULTICOMFORT

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

AUTOPLAY

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

AQUADUE® CONTROL

MULTIZONE, MULTICONTROL

For each group of generators or system terminals you can check and adjust:
- Operation mode
- Set points
- Temperatures levels of the water system
- Levels of ambient temperatures and climatic curves
- Programs

OLIMPIA SPLENDID
HOME OF COMFORT

FEATURES

Compatible with the full Olimpia Splendid hydronic range - Bi2 and Sherpa 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
Management of potential back-up thermal groups or other elements, such as circulators
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**

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" touch screen wall interface.
Optional device.

LIVING COMFORT, MAXIMUM ENERGY SAVING

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.

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