

# SIOS



**SHERPA**  
air-water **SPLIT** heat pump



**SHERPA**  
**SHW**  
Water heater in **HEAT PUMP** mode



**SHERPA**  
**AQUADUE**  
air-water split heat pump **MULTIFUNCTIONAL**



**SHERPA**  
**AQUADUETOWER**  
air-water split heat pump **MULTIFUNCTIONAL**  
with **BOILER 150 L INTEGRATED**



**SHERPA**  
**MONOBLOC**  
air-water heat pump **MONOBLOC**

**Si**  
hydronic  
systems

range  
**SHERPA HEAT PUMP**

# range Bi2 TERMINAL UNIT

**Bi2** wall  
Fan coil **WALL INVERTER** ultraslim



**Bi2**  
**INVERTER TOTAL FLAT** fan coil radiator  
with heating panel



**Bi2** naked  
**INVERTER RECESSED** fan coil radiator  
with heating panel



**OS**

Olimpia  
Splendid



**AQUADUE®  
CONTROL**



APP  
**SiOS**










**Management and  
control** system

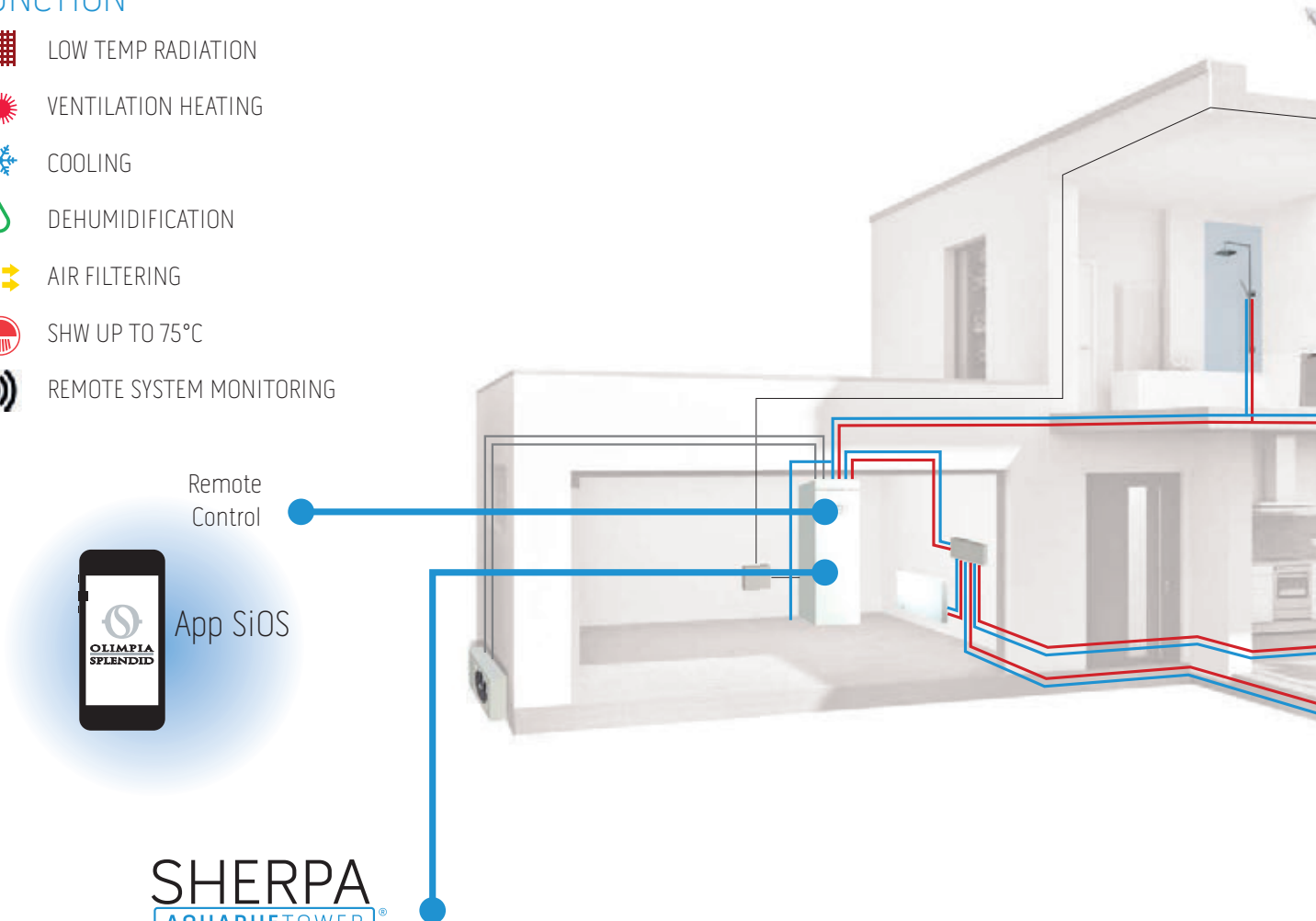
# SiOS Plant Solution

## The system is composed of:

- Sherpa Heat Pump
- Bi2 terminal Unit
- Aquadue Domotic Control


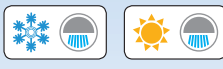
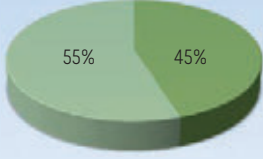



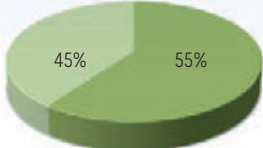
## FUNCTION

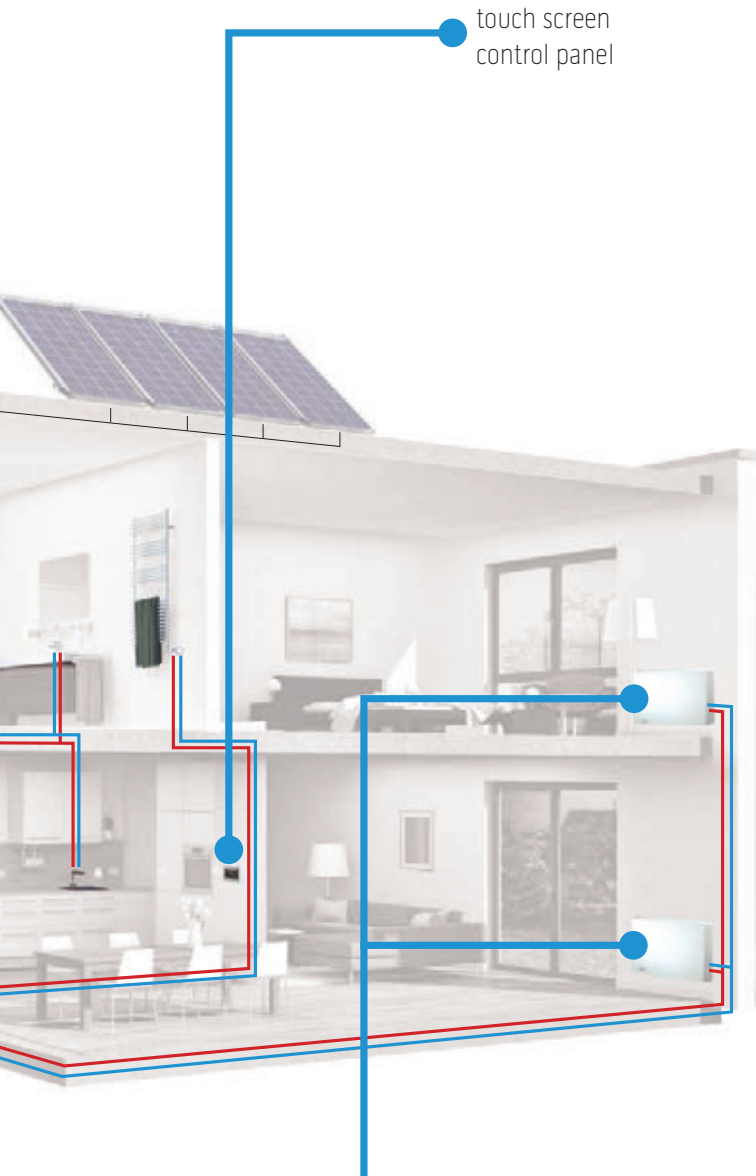
-  LOW TEMP RADIATION
-  VENTILATION HEATING
-  COOLING
-  DEHUMIDIFICATION
-  AIR FILTERING
-  SHW UP TO 75°C
-  REMOTE SYSTEM MONITORING



**SHERPA**  
AQUADUE TOWER®

HEATING, COOLING AND DHW AT 75°C ALL FROM RENEWABLE SOURCES

	<b>75°C DOMESTIC HOT WATER</b>	<b>traditional heat pump</b>
	<b>DHW AND COMFORT AT THE SAME TIME</b>	
	<b>ANTILEGIONELLA CYCLES AVOIDABLE</b>	<ul style="list-style-type: none"> <li>■ Renewable share</li> <li>■ Non renewable share</li> </ul>
	<b>TOUCH SCREEN USER INTERFACE</b>	<b>Sherpa AQUADUE® Tower heat pump</b>
	<b>150 LT INTEGRATED BOILER</b>	



touch screen control panel

## FEATURES

- Configuration management and control of the plant (Laptop, smartphone and tablet)
- Cooling, Heating, Production and stocking of high temperature SHW up to 75°C\*
- Complete comfort: simultaneous air conditioning and production of DHW\*
- Production of high temperature DHW guaranteed independently from outdoor climatic conditions and without the need for integration
- 40°C SHW supply up to 3,6 days\*\*
- Heating via radiation or ventilation
- Summer air conditioning and dehumidification
- dehumidification (also combined with floor heating\*\*\*)

\* Only Sherpa Aquadue e Sherpa Aquadue Tower model

\*\* Qref 2,1 kWh / day/boiler 150lt regulation EN16147, 2015 only Sherpa Aquadue Tower model

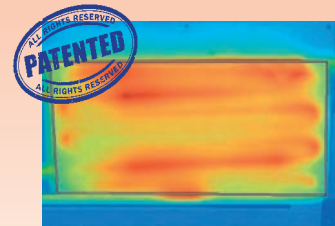
\*\*\* Floor heating not included in the system

# Bi2

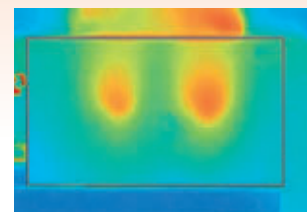
## TERMINAL FOR ANNUAL AIR CONDITIONING WITH RADIANT PANEL

**Radiant technology:** comparison with other systems:

- An average higher surface temperature that means greater radiation capacity
- Greater uniformity in surface warming and therefore a wider radiating surface
- Amplification of natural convection
- A reduction of water content for a faster system flow



Tubular heating panel OS



non-hydraulics radiant systems