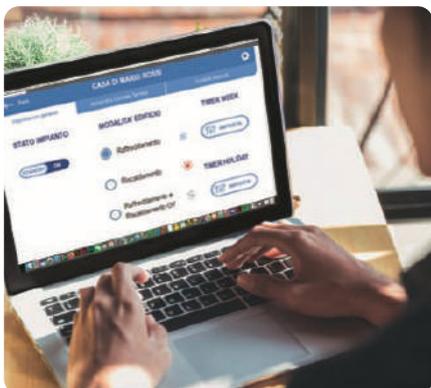


SiOS Control

Central system management, locally or remotely



Complete and intuitive

SiOS Control is the BMS (Building Management System) by Olimpia Splendid that allows simple management of the plant for heating, cooling, air treatment and domestic hot water. Through an intuitive graphical interface, that can be customised based on the characteristics of each environment, you can control individual system components: heat pumps, fan coil units, floor heating, towel warmers and HRV, from both the Olimpia Splendid range and other manufacturers*. For a truly complete control. Furthermore, with SiOS Control, you can even manage things remotely, through the web (Cloud) platform or a mobile application. Complete, intuitive and smart.

What can it manage?

Sherpa range of heat pumps or third-party generators*



Bi2 fan coil convector and fan coil radiator range**



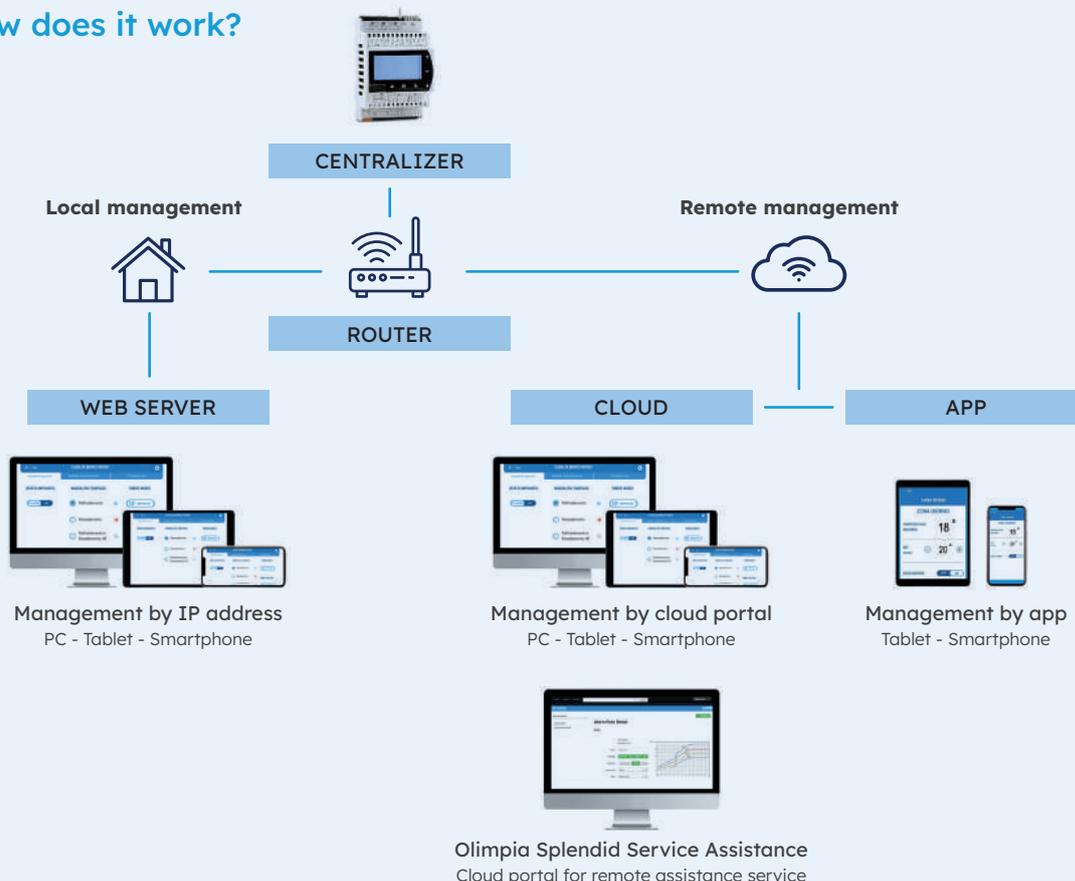
Sitali HRV** or third-party HRV * range



Towel warmers**



How does it work?



* Subject to verification of compatibility

** Opto-coupler card + relay with power supply required, check details in the technical manual for specific characteristics.

Features

Type of control

DIRECT ZONE:

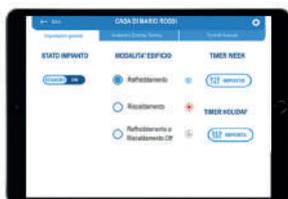
- up to 30 Bi2 fan coil convectors/fan coil radiators and their controls (divided into a maximum of 10 independent zones);
- 1 heat pump among Sherpa, Sherpa Aquadue and Sherpa Monobloc (or other third-party generators)*;
- up to 4 towel warmers with their respective

thermostats**;

- 1 direct zone circulation outlet;
- 1 outdoor air temperature sensor.

HRV:

- 1 group outlet for Sitali (or other third-party HRVs)*.



Simplified installation

Easy installation via a guided initial configuration, allowing SiOS Control to be customised for both the system characteristics and the building in which it will be installed.



Customised environments

Possibility of creating customised environments in order to reproduce the layout of each individual building. Possibility of creating up to 10 total environments with fan coil units and radiant floor. Possibility of naming the environments and assigning dedicated icons to them.



Comfort management for every season

SiOS Control can manage cooling, heating, domestic hot water and air treatment. The intuitive graphic interface with icons changes colour based on system operation and on whether the various zones are active or inactive.



Timer with scenarios

SiOS Control has weekly timers. It manages up to 4 timers and each individual timer can be set with 6 daily time ranges. For each time range there are 5 scenarios available. Economy, Comfort and Night are the pre-set scenarios, while the 2 Individual scenarios can be set directly by the user.



Heat pump temperature settings

With SiOS Control, the user can change the water set points of the heat pump and activate any climatic curves for summer and winter operation.

* Subject to verification of compatibility

** Opto-coupler card + relay with power supply required, check details in the technical manual for specific characteristics.

Management

ONLY LOCAL MANAGEMENT

By connecting the B0858 central control unit to an Access Point by means of a network cable, it is possible to manage SiOS Control remotely on the local Wi-Fi network using a PC, Tablet, Smartphone, and a standard web browser.



REMOTE MANAGEMENT (ALSO LOCAL)

Connecting the B0858 central control unit to an internet router by means of a network cable, it is possible to manage SiOS Control remotely via the cloud, using a PC, Tablet, Smartphone, and a standard web browser. In addition to this, for simplified remote management, the SiOS Control App is available, which summarises its main functions. Remote use requires a biennial subscription (B0928), which can be purchased by contacting Olimpia Splendid customer service via email at info@olimpiasplendid.it



REMOTE ASSISTANCE

Olimpia Splendid's Customer Service Department can provide remote assistance for the system and related machines via the Cloud, ensuring faster and more efficient service in the event of problems or alarms.



Components

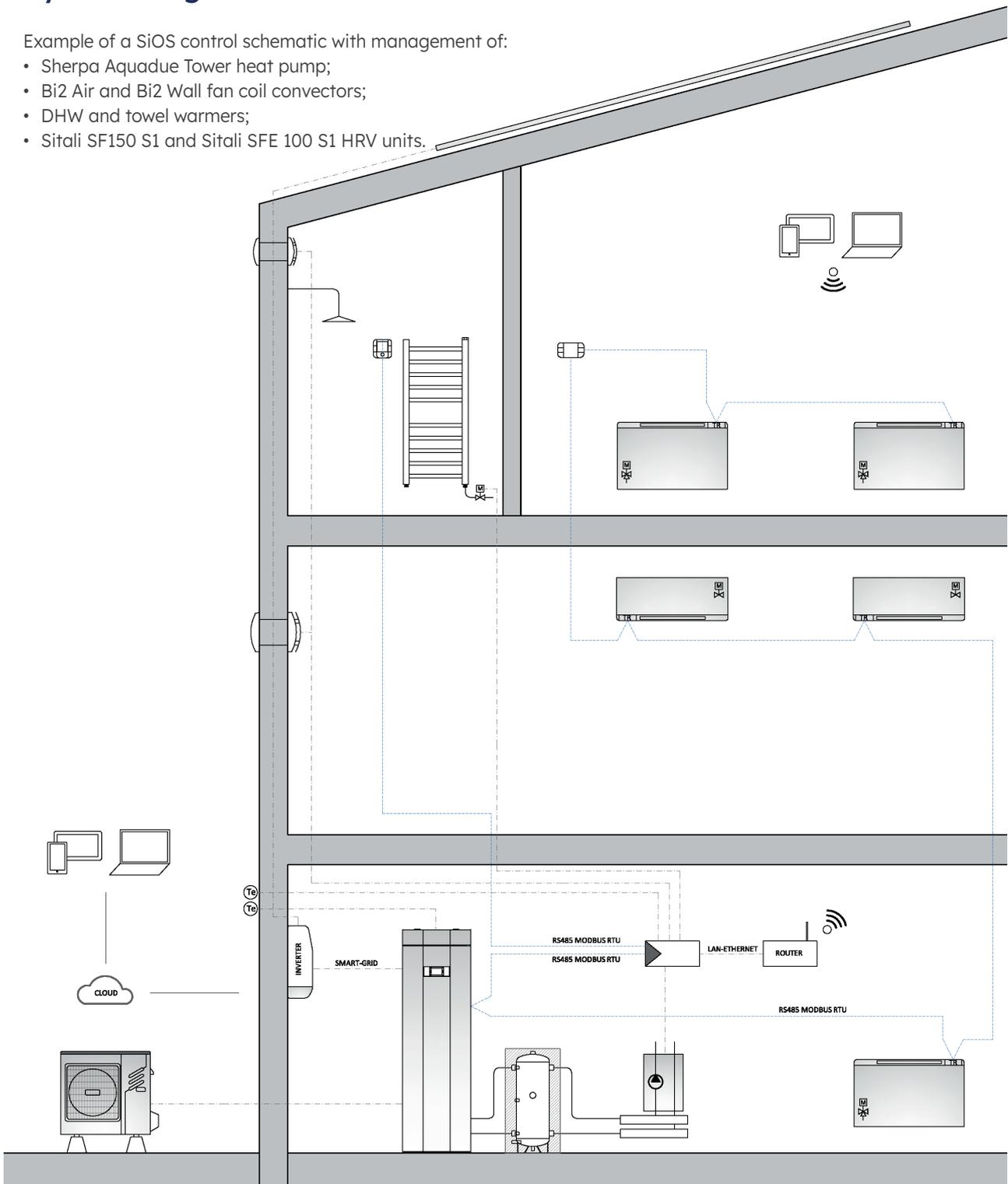
	CODE	DESCRIPTION
	B0858	Central control unit Required component for all SiOS Control installations. The unit has a display keypad, an output for the network cable, and Modbus RTU and relay outputs for the various system components.
	B0860	Wall-mounted T-H room probe kit Wall-mounted thermostat needed to control those installations and/or rooms where there are heated furniture. It displays room temperature and humidity values.
	B0861	Recessed T-H room probe kit Recessed thermostat necessary for controlling those installations and/or rooms where there are zones with heated furniture. It displays room temperature and humidity values.
	B0863	RTU-ASCII fan coil signal converter kit Necessary for those installations where direct water zones are present (recommended to use one over 500 m of communication line).
	B0623	Outdoor air temperature probe kit Shielded probe to measure the outdoor air temperature. It is necessary to allow for the activation of electric heating elements, manage heating curves and control anti-legionella disinfection cycles.
	AV003	Start-up SiOS Control Mandatory service. Remote use requires a two-year subscription that can be purchased by contacting Olimpia Splendid customer service.
	B0928	SiOS Control biennial subscription Required for remote use. Can be purchased by contacting Olimpia Splendid customer service.

Transformers required to supply power to individual devices, shown in the manuals and installation diagrams, are not included in Olimpia Splendid's supply.

System diagram

Example of a SiOS control schematic with management of:

- Sherpa Aquadue Tower heat pump;
- Bi2 Air and Bi2 Wall fan coil convectors;
- DHW and towel warmers;
- Sitali SF150 S1 and Sitali SFE 100 S1 HRV units.



Note: the diagram is for illustrative purposes only; for all the characteristics and connections, refer to the relative installation manuals.

KEY

	B0858	SIOS CONTROL CENTRAL CONTROL UNIT
	B0860	WALL-MOUNTED T-H ROOM PROBE KIT
	B0861	RECESSED T-H ROOM PROBE KIT
	B0863	RTU-ASCII FAN COIL SIGNAL CONVERTER KIT
	B0623	OUTDOOR AIR TEMPERATURE PROBE KIT