

HYCO Wireless Control unit

Ouman Hyco system is designed to control hydronic floor heating. The system consists of Control units with RF Link unit, Room units and optional signal Repeaters. Support for control from phone application can be added by connecting Wi-Fi dongle (sold separately). Control unit offers Modbus interface over RS485 bus for building automation. System supports both heating and cooling modes.



TECHNICAL SPECIFICATION

Product code	OMA0663
Dimensions	300 mm x 130 mm x 45 mm
Weight	860 g (With RF link unit included)
Voltage	230V 50/60 Hz
IP class	IP20, indoor use in dry conditions
Storage temperature	-30 °C ... +70 °C
Operating temperature	0 °C ...+40 °C
Relative humidity during operation	10...95% non-condensing

230 VAC actuators with silent triac control. Selection for NO or NC actuators.

Heating and cooling modes.

Setback input for setting Control unit into away mode.

Incoming and outgoing temperature measurement from manifold water temperature.

8 Outputs per Control unit.

Maximum 2 actuators per output electrically (same control for actuators).

Pump and Boiler relays 5A.

Modbus RTU interface over RS485bus. Selectable modbus Slave ID and baudrate.

868 MHz communication between Room units and Control units.

Support for RF Repeaters using mesh technology.

Phone application (Android and iOS) with Wi-Fi dongle accessory, using Amazon Web Services Cloud.

CE mark

Guarantee	2 years
------------------	---------

Standards	EN 60730 EN 300 220 (868MHz radio) EN 300 328 V2.2.2 (Wi-Fi)
------------------	--