

CONTROLS & SCHEMATIC INFORMATION



RADIANT ZONE CONTROL KITS

The control kit provides precise control of radiant panels within a designated area or zone. It includes a Belimo rotary actuator, a Belimo zone valve, an SPC dual-sensing digital thermostat, and a black bulb temperature sensor.

The kit comes with a 5-year warranty as standard.

COMPLETE KIT FOR LOCAL CONTROL OF RADIANT PANELS OR ZONED COLLECTIONS OF PANELS

Includes:

Belimo rotary valve/actuator set available in sizes to suit the water flowrate.

Digital thermostat for wall-mounting wired to valve actuator.

Black bulb sensor wired to thermostat ensures representative measure of resultant temperature.

5 different sizes as standard, additional sizes available upon request.



BELIMO CONTROL VALVE

- » Variable Flow Settings
- » Nominal Torque 1 Nm
- » Nominal voltage AC 240 V
- » Control Open Close, 3 – point
- » Manual Override
- » Position Indicator
- » Code CQ230A
- » Full Details on Request



BELIMO ZONE VALVE

- » ½" nominal Bore
- » Brass Body
- » Variable KVS Setting
- » Complete shut Off
- » Modulating control
- » Code C215Q-J
- » Full Details on Request



CONTROL COMPONENTS

BLACK BULB SENSOR

- » Sontay Temperature Sensor
- » Ambient Range. -10 to + 60c
- » IP30
- » Code EH – 10K3A1



DANFOSS ROOM THERMOSTATS BASICPLUS2

WT-T (Dial) Room Thermostat

- » Simple dial operation for quick temperature setpoint adjustment
- » Frost protection symbol for minimal energy use while preventing freezing
- » LED indicators: 1. Green light – thermostat ON, no heat demand; 2. Red light – thermostat ON, heat demand active



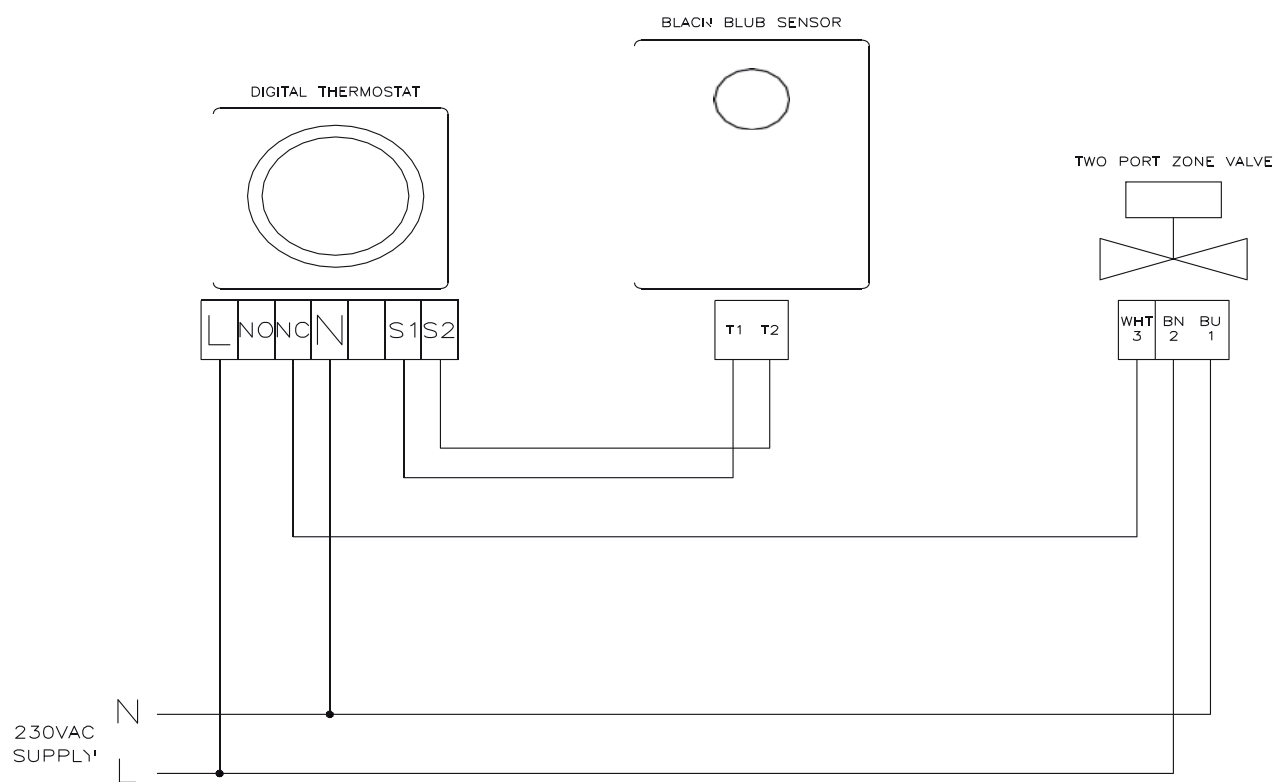
DANFOSS ROOM THERMOSTATS BASICPLUS2



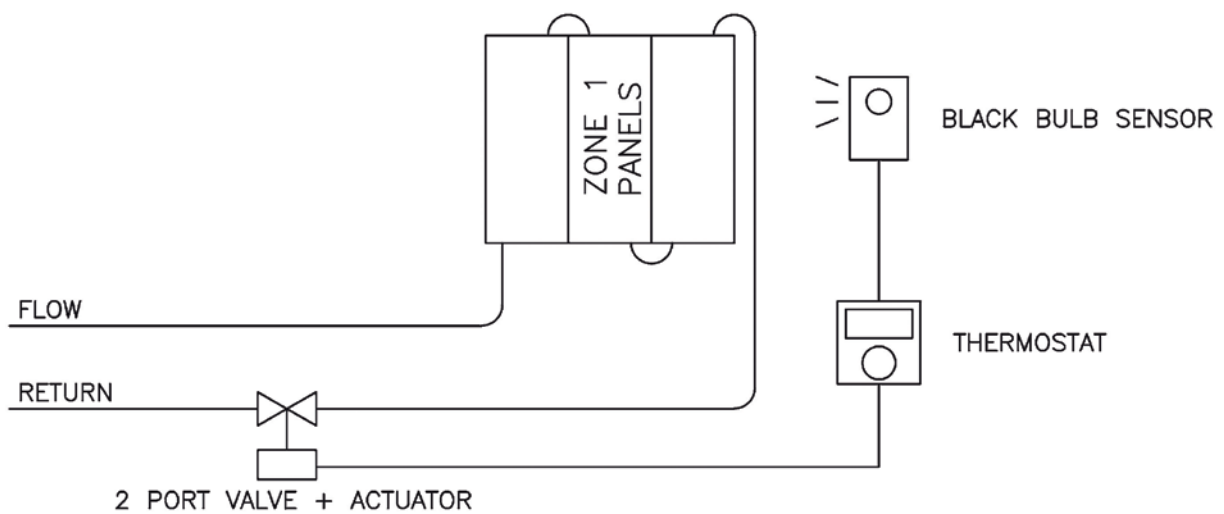
WT-D (Display) and WT-P (Display & Programmable) Room Thermostats

- » Modern design with white backlight LCD
- » AWAY function for energy savings during absence
- » Child safety lock
- » Three selectable temperature control modes:
 1. Room temperature control (default);
 2. Room temperature with floor temperature limit;
 3. Floor temperature control
- » Two selectable floor temperature control modes: High / Low
- » Adjustable maximum and minimum limits for room and floor temperature
- » Optional room temperature display when power is OFF
- » Floor sensor terminals for maximum floor temperature control, reducing risk of overheating and floor damage
- » Frost protection mode (~5 °C)
- » Temperature calibration to compensate for measurement deviations
- » Programmable only 5-2 weekly scheduling for automatic comfort and setback temperature

SCHEMATICS



SCHEMATICS



FURTHER INFORMATION

If you require any further information please don't hesitate to get in touch:

Tel: 01143 210041

Mob: 07710 307701

enquiries@rhcs.co

www.radiantheatingandcooling.co.uk

RADIANT
HEATING & COOLING SOLUTIONS

CONTACT DETAILS

Radiant Heating and Cooling (Manufacturing Facility)

Units 1-3, Farrow Road, Great Barr, Birmingham, B44 9HE

Tel: +44 (0) 121 608 1333

Fax: +44 (0) 121 608 2626

Enquiries

Tel: 01143 210041

Mob: 07710 307701

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