

# Technical Bulletin

## Installation: Bosch CS2000AWF using external 230v room thermostat or programmable room thermostat for heating

When connecting an external 230v room thermostat or programmable room thermostat to the CS2000AWF, the room thermostat will become the main controller of the heating zone. The programmer for heating on the HMI (supplied with the CS2000AWF) will **not** have any influence and should not be used.

We suggest that a **programmable room thermostat** would be the better option to allow a set back temperature to be set for the customer.

The Domestic Hot Water (DHW) programme, (if needed), can still be set on the CS2000AWF HMI.

### Extract from the CS2000AWF installation Manual 230v programmable room thermostat connections (heating only)

- L1 = Live Out
- H = Switched live in (demand for heating)
- N = Neutral

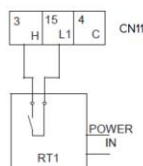
For wiring the programmable room thermostat (IM section 7.10)

#### Method B

One zone system with zone thermostat managing only ON/OFF, user interface managing the unit's mode change.

User interface setting:  
THERMOSTAT and CAMERA MODE SETTING on YES

HMI setting:  
ROOM THERMOSTAT = ONE ZONE



### Extract from the CS2000AWF installation Manual For setting the heating zone (IM section 8.2.6)

#### MENU > FOR SERVICEMAN > 6. ROOM THERMOSTAT

A zone thermostat can be used to manage the request to the unit.

#### NOTE

The HMI must still be connected to the unit in order to manage its internal parameters.

#### 6.1 ROOM THERMOSTAT (standard: NO - settable: NO/MODE SET/ONE ZONE/DOUBLE ZONE)

Enables/disables the request to the unit from zone thermostats other than the HMI.

**NO** = no zone thermostat.

**MODE SET** = single zone system with double relay zone thermostat, for managing the request to the unit and seasonal mode change (see type A connection in paragraph „7.10 Zone thermostat“ on page 68).

**ONE ZONE** = single zone system with zone thermostat, for managing the request to the unit (see type B connection in paragraph „7.10 Zone thermostat“ on page 68). The seasonal mode change can be managed by the HMI.

**DOUBLE ZONE** = double zone system, each with zone thermostat, for managing the request to the unit (see type C connection in paragraph „7.10 Zone thermostat“ on page 68). The seasonal mode change of both zones can be managed by the HMI.

Using the HMI controller enter the ‘**FOR SERVICEMAN**’ section (code 234); choose ‘**ROOM THERMOSTAT**’; set for ‘**ONE ZONE**’.

This will enable the operation of external time/temperature 230v controls for a single heating zone.

**This information is in addition to the information published in the installation manual.**

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