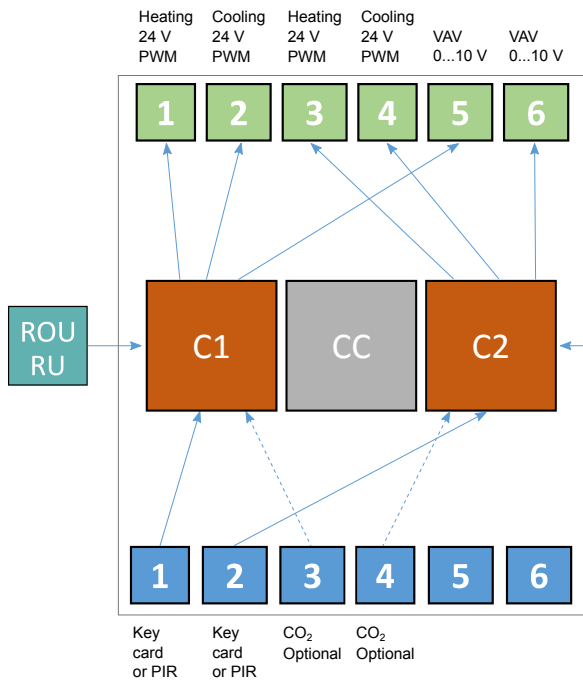


2 ROOM APPLICATION EXAMPLE WITH PROXIMA CU



Output settings

Heating 24 V radiator
Cooling 24 V chilled beam
VAV. Opens 100 % at day mode, closes at night mode to minimum level.
At night mode, the minimum airflow level can be configured.

Controller C1 and C2 settings

Set point: 18...24 °C
Dead zone: ±1,0 (day mode), ±3,0 (night mode), ±4,0 (eco mode)

Input settings

Input 1 = Controller 1 key card or PIR sensor with 60 minutes off timer.
Input 2 = Controller 2 key card or PIR sensor with 60 minutes off timer.
If room unit has PIR option and/or CO₂ sensor, those functions can be set to control PIR status and the VAV dampers.

Room units

Room unit 1 and 2 are activated. Extra room unit options for PIR and CO₂ needs to be activated under the room unit settings in MyTool. Also the settings for the controllers and outputs need to be configured for PIR and CO₂ control. CO₂ can be set to control VAV outputs between 0...10 V according to the low and high CO₂ levels (for example, 0...10 V = 700...1200 ppm). This can be set in the input settings in MyTool.

Operation modes

Day mode is activated with PIR control. Night mode is activated after 60 minutes, after movement is not detected or key card is removed. 60 minutes off timer can be modified under the input 1 and 2 for the key card/PIR sensors.

Wiring

