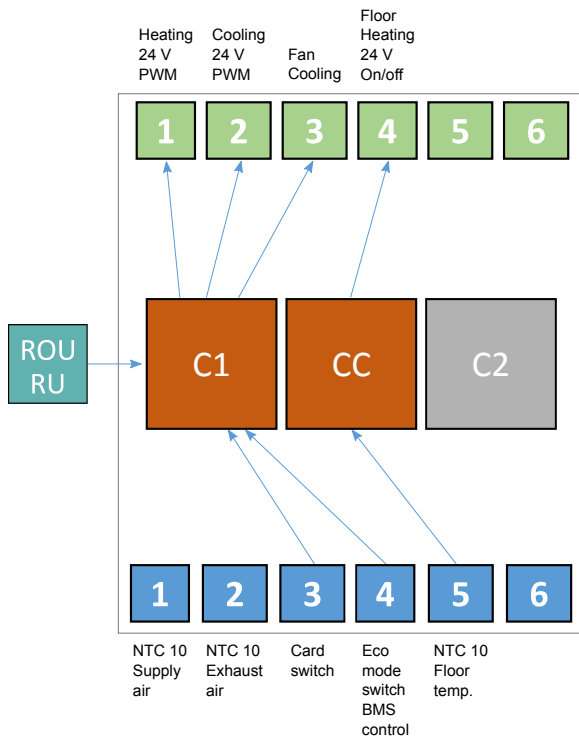


HOTEL ROOM APPLICATION EXAMPLE WITH PROXIMA CU



Output settings

Heating 24 V radiator
Cooling 24 V (starts to open at 20 % of cooling effect, fan starts first and closes last)
Fan 3-speed control with 2,5 / 5,0 / 7,5 V steps, cooling
Floor heating 24 V on/off = heating signal for cascade controlled floor heating

Controller C1 settings

Set point: 18...24 °C
Dead zone: ±0,5 (day mode), ±1,0 (night mode), ±4,0 (eco mode)
Fan speed: 0-1-2-3-Auto if activated in room unit

Fan

Stepping control cooling, 0 / 2,5 / 5,0 / 7,5 V

Cascade controller (CC)

Cascade controller for floor heating. Set point range is 20...28 °C

Input settings

NTC 10 = External sensor for reading supply air temperature, no control, just information to BMS
NTC 10 = External sensor for reading exhaust air temperature, no control, just information to BMS
CS = Card switch, switches between day and night mode
NTC 10 = External sensor for cascade controller floor temperature measuring
Eco mode switch = Activates eco mode from BMS, when the room is checked out

Operation modes

Day mode (checked in, quest in room) is activated with card switch. Night mode (checked in, quest not in room) activates when the card is removed (60 minute delay after the card is removed). Eco mode (room checked out) activates by BMS, when the customer checks out. Night mode activates at check in.

Wiring

