

ANDIVI TRC -A AND TRC-D ROOM CONTROLLER

APPLICATIONS

AND USE CASES



andivi

APPLICATIONS

COMFORTABLE HEATING AND COOLING WITH TRC-A AND TRC-D

FAN COILS 4-PIPE/2-PIPE, Continuous PI/PI Regulation, Temperature sensor internal /external

FAN COILS 4-PIPE/2-PIPE, Continuous P/PI Regulation, Temperature sensor internal /external

FLOOR HEATING, fan coils 4-PIPE/2-PIPE, Continuous PI/PI Regulation, Temperature sensor intern, Temperature Sensor in Estrich

CEILING COOLING, Floor heating, Continuous PI/PI Regulation, Temperature sensor internal, Circulation Pump Control

ROOM TEMPERATURE CONTROL, supply regulation – Heating 3-Way Valves/Cooling 2-Way Valves, Circulation Pumps heating/cooling control

FLOOR HEATING – Supply Temperature Regulation, additional Temperature sensor in individual rooms

COMFORTABLE AIR HEATING AND COOLING WITH TRC-A AND TRC-D

ZONE HEATING, 3-Way Valves control, PWW Circulation Pump control, Continuous PI Regulation, Roomtemperature Sensor or Temperatur Sensor in Duct

ZONE COOLING, 2-Way Valves control, PKW Circulation Pump control Continuous PI Regulation Roomtemperature Sensor or Temperatur Sensor in Duct

ZONE HEATING/COOLING, 3-Way Valve/2-Way Valve control, Circulation Pump heating/cooling control

VAV ROOMTEMPERATURE REGULATION, Continuous PI Regulation, Temperature sensor internal/external, 0-10V Output to Activator

COMMUNICATION WITH TRC-A AND TRC-D

Modbus RTU Output. Can be directly applied to all DDC controllers with ModBus RTU input.

Outputs on TRC-A and TRC-D can be controlled with Modbus from building automation controller or with the functionalities of a Building Management System (BMS). Additional energy savings and additional functionalities results in significant energy savings and comfort control.

Schedules for various modules can be directly activated over ModBus on TRC-A and TRC-D.

DATASHEET

TECHNICAL SPECIFICATIONS	TRC-A	TRC-D		
3 x Digital Relay output	Fan Stages			
2 x Analog Output	0-10V regulation valves	x		
2 x Digital Relay-Output	x	On/Off Ventil		
Communication Interface:	Modbus/RTU			
Max. Nr. of controllers connected with RS-485:	125			
Internal Temperature sensor	Integrated			
External Temperature sensor	Optional			
Active temperature sensor selection	internal, external, average value of both			
Digital input for protect mode	•			
Digital input for economy mode	•			
Fan coil system	2-pipe/4-pipe			
Fan control	Manual/Automatic			
Heating/cooling changeover	Manual/Automatic			
Temperature setting	0-50 °C			
Actual temperature indication	0-50 °C			
Temperature indication step	0,1 °C			
Temperature setpoint step	0,5 °C			
Temperature regulation	P <small>I</small>	P		
Fan coil regulation	PI			
Operating conditions:	0~50°C, 5-95%rh			
Fan coil relay outputs and on/off valves:	2A/250vAC, inductive load			
Life cycle of relay contacts	100.000 cycles			
Direct output control	over Modbus			
Temperature unit	°C or °F			
Backlight LCD display	Blue			
Key locking option	•			
Firmware Updates	Possible			
Anti-freeze protection	•			
Power supply	24VAC, 50/60Hz	230VAC, 50/60Hz		
Dimensions (L x W x H)	75 x 120 x 42 mm			
Connection	Wire terminals, max cable 1,5 mm²			
<hr/>				
SETUP				
Wall-mount into a standard 65 x 65mm flush mount box (mounting holes distance 60mm), or a standard 3-modular flush mount box.				

Andivi TRC Room controller – TRC-A and TRC-D – 25 Use cases

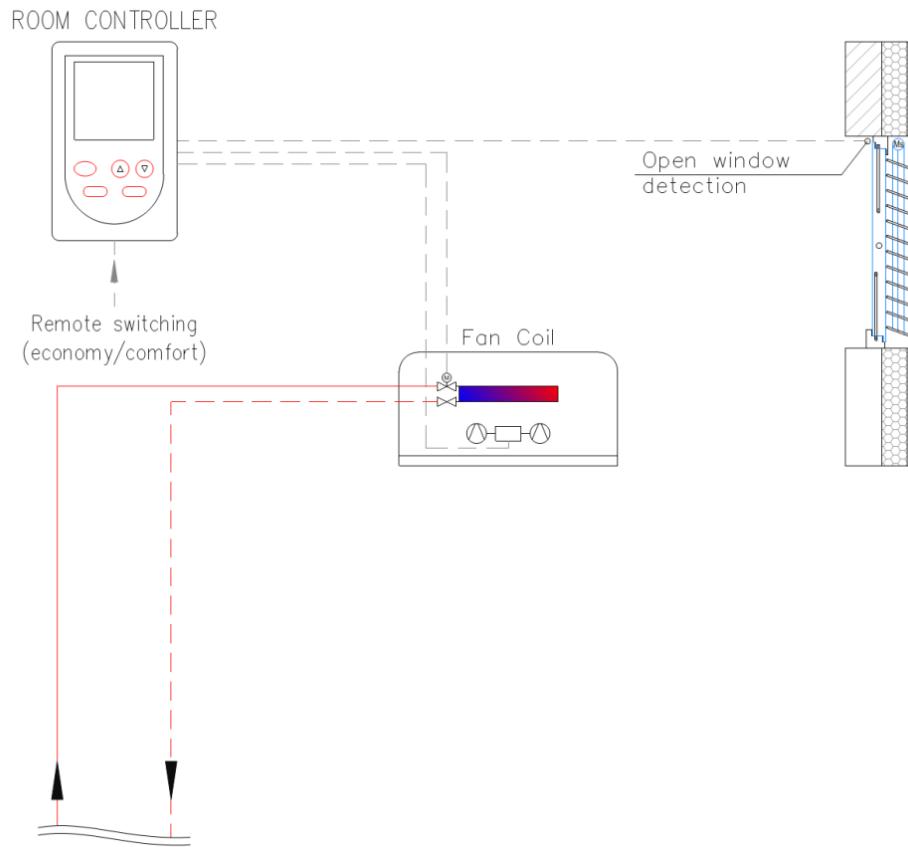
25 USE CASES - EXAMPLES



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CASE 1: ANDIVI ROOM CONTROLLER, 2-PIPE FAN COIL, REGULATED SUPPLY TEMPERATURE, REMOTE ACCESS - CHANGE OVER (HEATING/COOLING - CHANGEOVER)



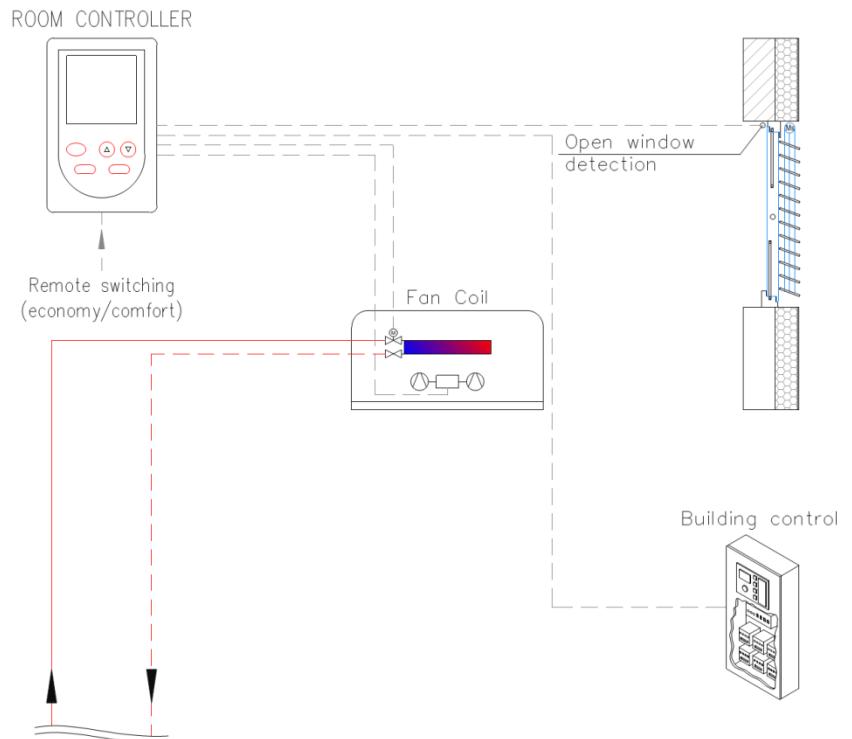
**APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D
INSTALLED IN ROOM**

	Remote access	Manual	Automatic
On/Off	•		
Setpoint	•		
Heating/Cooling Valve Control			•
Fan Control - Stage 0/1/2/3	•	•	
Heating/Cooling Changeover	•		
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	x		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	x
Room controller setpoint remote setting	x
Fault indication - Room Controller	x

CASE 2: ANDIVI ROOM CONTROLLER, 2-PIPE FAN COIL, REGULATED SUPPLY TEMPERATURE, REMOTE ACCESS, REMOTE ACCESS - MODBUS – CHANGE OVER (HEATING/COOLING-CHANGEOVER)



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

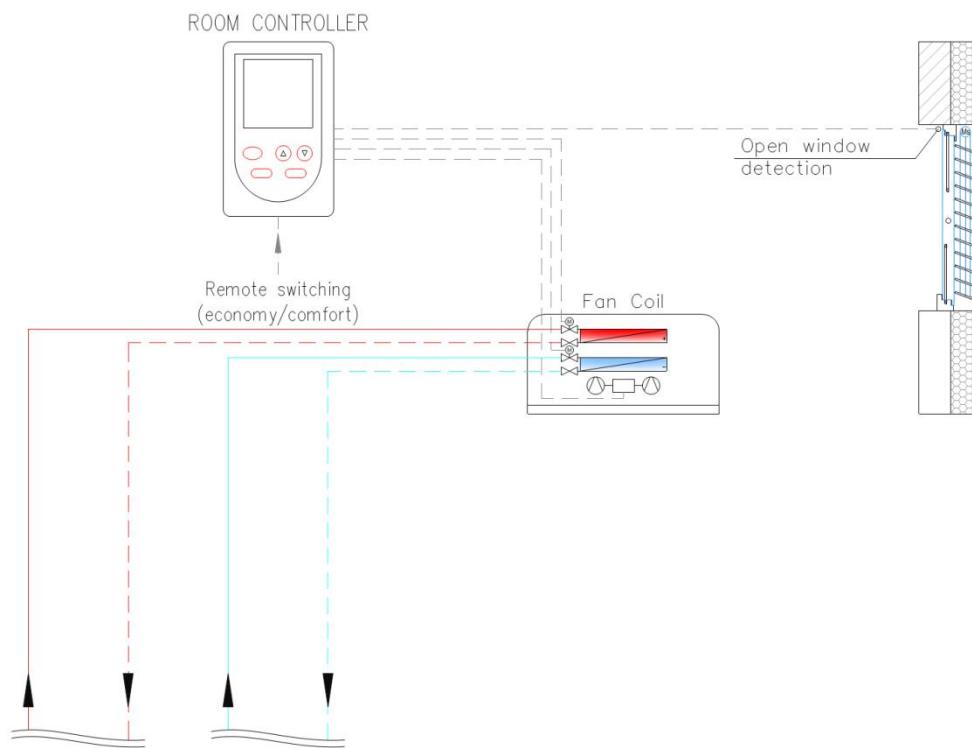
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Heating/Cooling Valve Control	•		•
Fan Control - Stage 0/1/2/3	•	•	•
Heating/Cooling Changeover	•	•	•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Room Controller	•

CASE 3: ANDIVI ROOM CONTROLLER, 4-PIPE FAN COIL, REGULATED SUPPLY TEMPERATURE, HEATING/COOLING, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

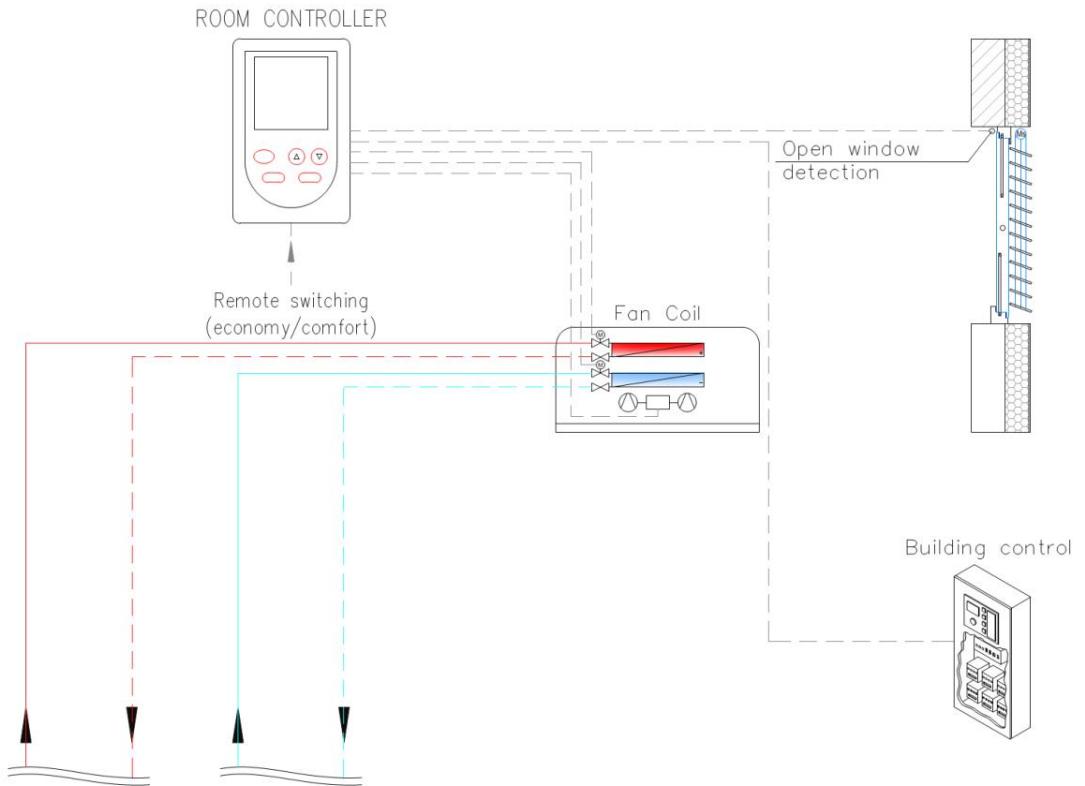
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•		
Setpoint	•		
Heating Valve Control			•
Cooling Valve Control			•
Fan Control - Stage 0/1/2/3	•	•	
Heating/Cooling Changeover	•	•	
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	x		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	x
Room controller setpoint remote setting	x
Fault indication - Room Controller	x

CASE 4: ANDIVI ROOM CONTROLLER, 4-PIPE FAN COIL, REGULATED SUPPLY TEMPERATURE, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

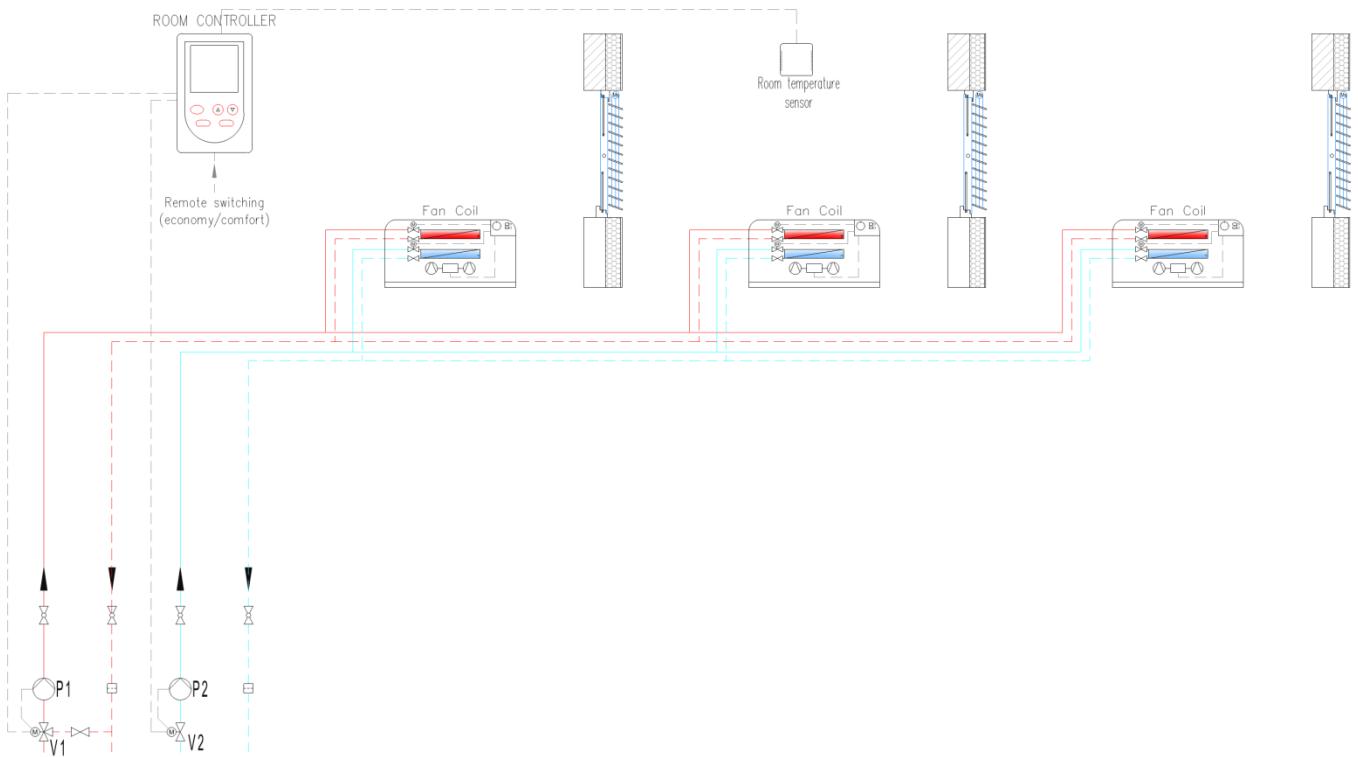
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Heating Valve Control	•		•
Cooling Valve Control	•		•
Fan Control - Stage 0/1/2/3	•	•	•
Heating/Cooling Changeover	•	•	•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Room Controller	•

CASE 5: ANDIVI ROOM CONTROLLER, 4-PIPE FAN COIL, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN REFERENCE ROOM

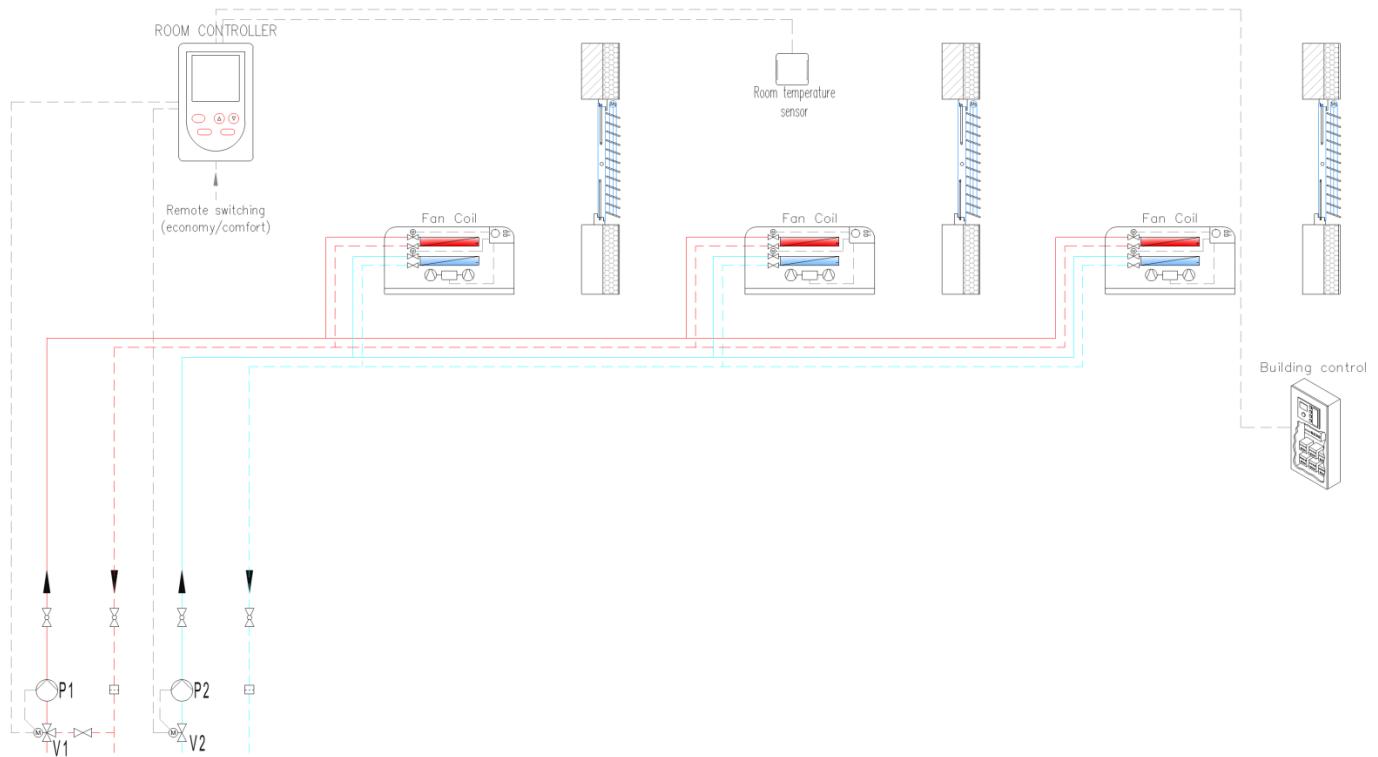
ADDITIONAL TEMPERATURE SENSOR INSTALLED IN ROOM

	Remote Access	Manual	Automatic
On/Off	●		
Reference room Setpoint	●		
Heating Valve V1 control		●	
Cooling Valve V2 control		●	
Heating/Cooling Changeover	●	●	
Economy/Comfort Switch - External Input	●		
Economy/Comfort Switch - Modbus	✗		
Open Window Detection	✗		
Circulation Pump P1 – Turn On over Valve Limit Switch V1	●		●
Circulation Pump P2 – Turn On over Valve Limit Switch V2	●		●

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	●
External Schedule remote setting	✗
Room controller setpoint remote setting	✗
Fault indication - Circulation Pump or Room Controller	✗

CASE 6: ANDIVI ROOM CONTROLLER, 4-PIPE FAN COIL, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN REFERENCE ROOM

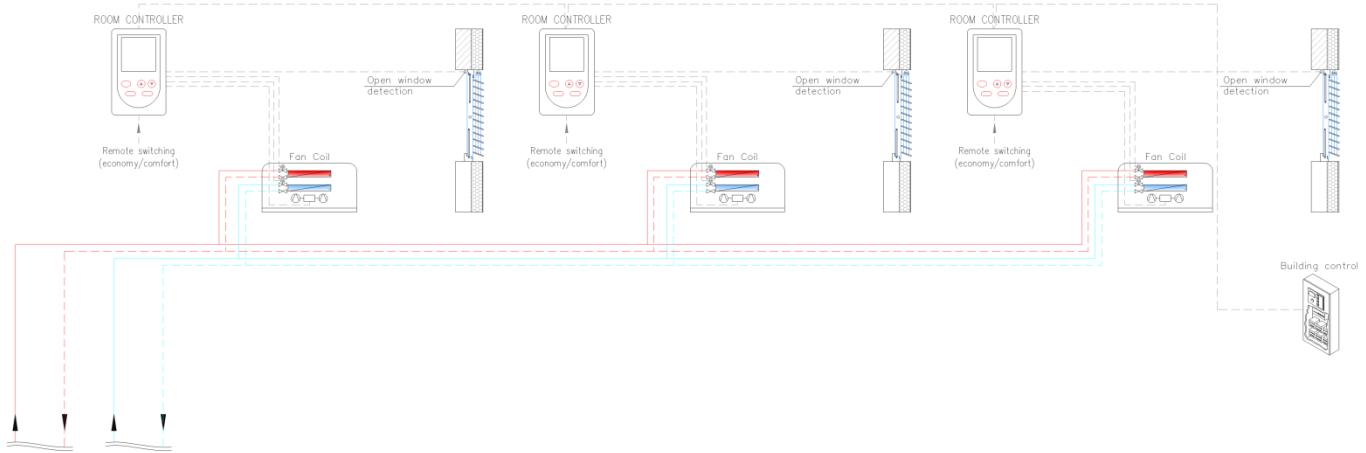
ADDITIONAL TEMPERATURE SENSOR INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	
Reference room Setpoint	•	•	
Heating Valve V1 control	•		•
Cooling Valve V2 control	•		•
Heating/Cooling Changeover	•	•	•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	✗		
Circulation Pump P1 – on over Valve Limit Switch V1	•		•
Circulation Pump P2 – on over Valve Limit Switch V2	•		•

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Circulation Pump or Room Controller	•

CASE 7: ANDIVI ROOM CONTROLLER, 4-PIPE FAN COIL, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

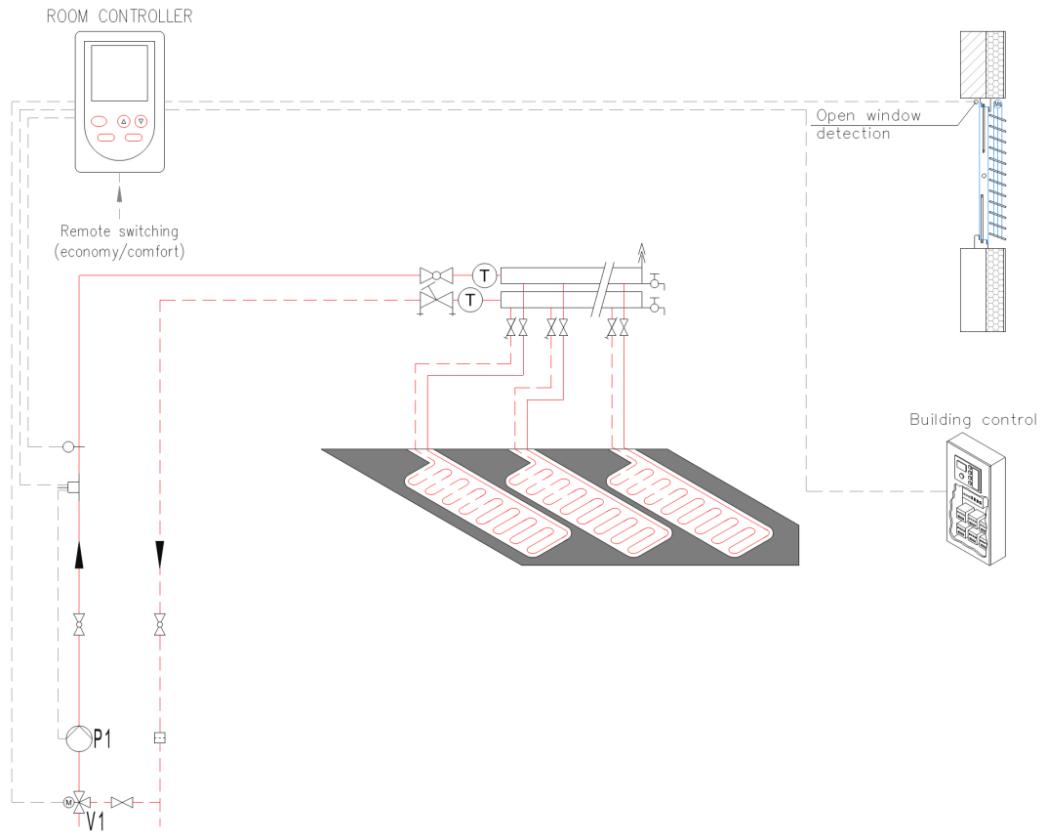
INSTALLED IN ROOM RAUMCONTROL

	Remote access	Manual	Automatic
On/Off	•	•	•
Rooms Setpoints	•	•	•
Heating Valve Control	•		•
Cooling Valve Control	•		•
Fan Control - Stage 0/1/2/3	•	•	•
Heating/Cooling Changeover	•	•	•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Room Controller	•

CASE 8: ANDIVI ROOM CONTROLLER, FLOOR HEATING, REMOTE ACCESS, REMOTE ACCESS – MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

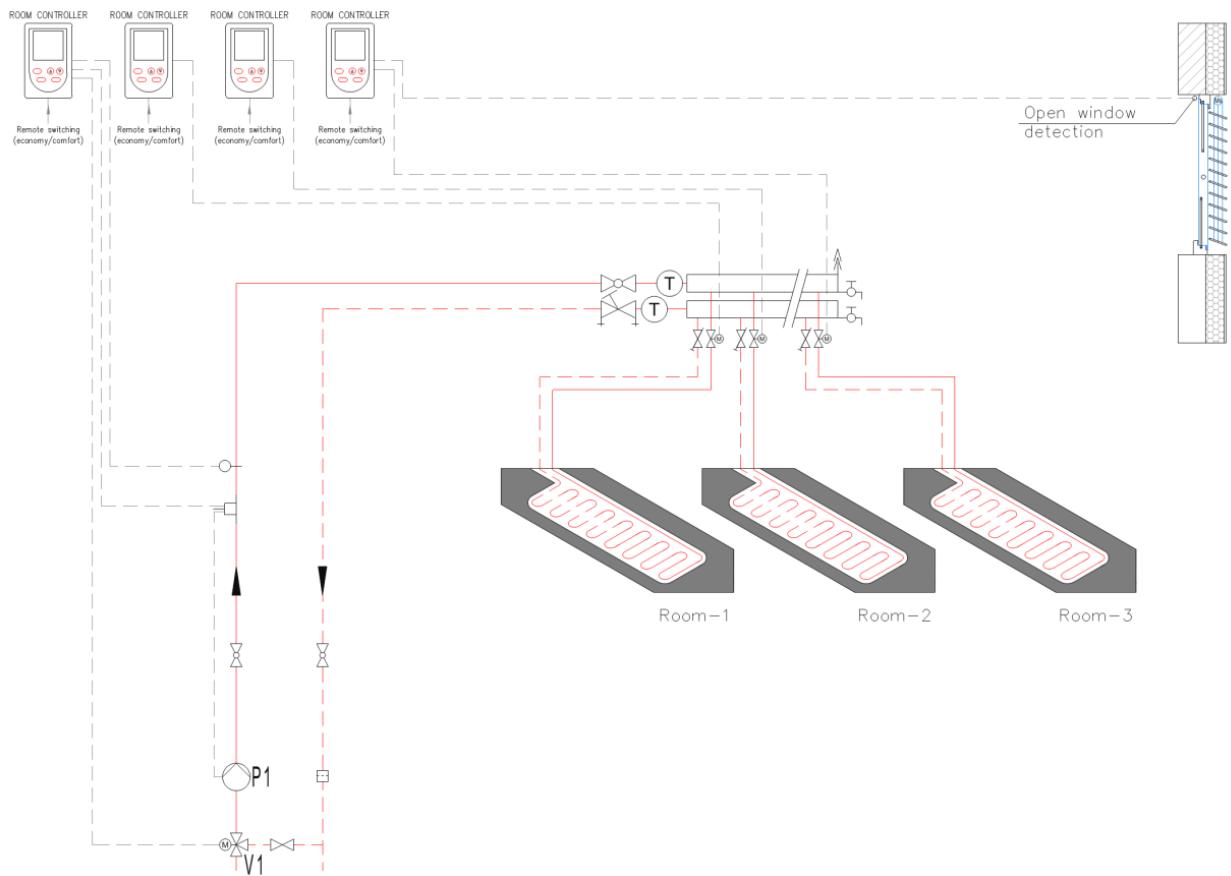
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Heating Valve V1 control	•		•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		
Circulation Pump P1 – On over Supply Thermostat	•		•

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Circulation Pump or Room Controller	•

CASE 9: ANDIVI ROOM CONTROLLER, FLOOR HEATING, SUPPLY TEMPERATURE REGULATION, ROOM TEMPERATURE CONTROL, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN ROOM

SUPPLY TEMPERATURE CONTROLLER INSTALLATION

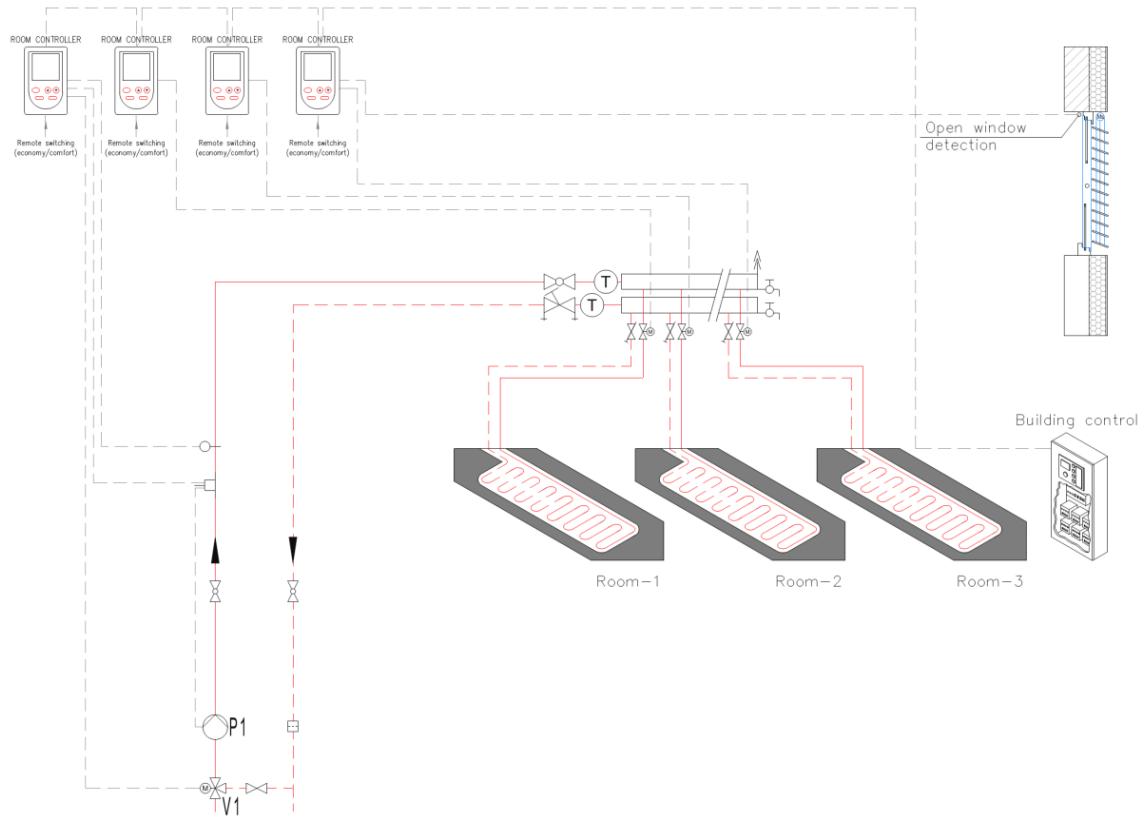
SUPPLY TEMPERATURE SENSOR AND THERMOSTAT INSTALLATION

	Remote access	Manual	Automatic
On/Off		●	
Rooms Setpoints		●	
Supply temeperature Setpoint		●	
Heating Valve control			●
Supply temeperature Valve V1 control			●
Economy/Comfort Switch - External Input	●		
Economy/Comfort Switch - Modbus	✗		
Open Window Detection	●		
Circulation Pump P1 – On over Supply Thermostat			●

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	●
External Schedule remote setting	✗
Room controller setpoint remote setting	✗
Fault indication - Circulation Pump or Room Controller	✗

CASE 10: ANDIVI ROOM CONTROLLER, FLOOR HEATING, SUPPLY TEMPERATURE REGULATION, ROOM TEMPERATURE CONTROL, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN ROOM REGELEN

SUPPLY TEMPERATURE CONTROLLER INSTALLATION

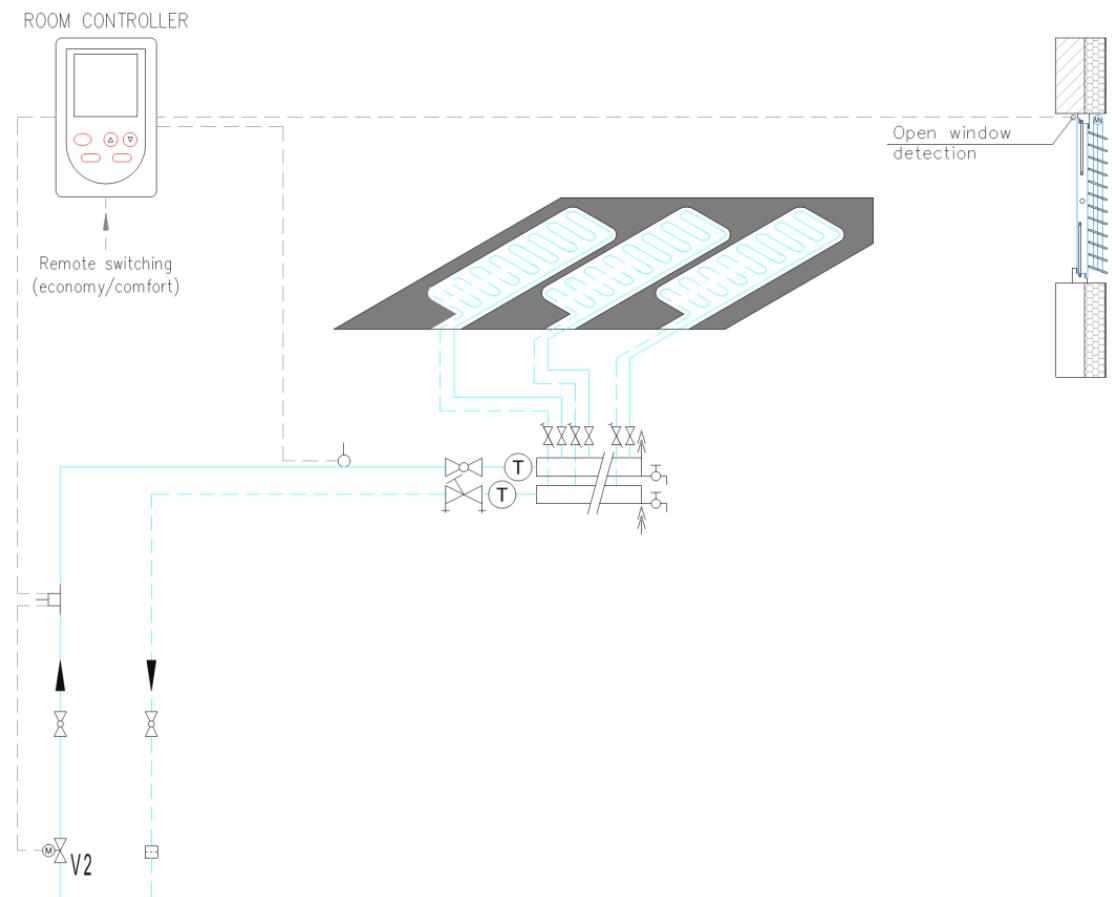
SUPPLY TEMPERATURE SENSOR AND THERMOSTAT INSTALLATION

	Remote access	Manual	Automatic
On/Off	●	●	●
Rooms Setpoints	●	●	●
Supply temeperature Setpoint	●		
Heating Valve control	●		●
Supply temeperature Valve V1 control	●		●
Economy/Comfort Switch - External Input	●		
Economy/Comfort Switch - Modbus	●		
Open Window Detection	●		
Circulation Pump P1 – On over Supply Thermostat	●		●

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	●
External Schedule remote setting	●
Room controller setpoint remote setting	●
Fault indication - Circulation Pump or Room Controller	●

CASE 11: ANDIVI ROOM CONTROLLER, CEILING COOLING, REGULATED SUPPLY TEMPERATURE, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN ROOM

CONDENSATE MONITOR INSTALLED

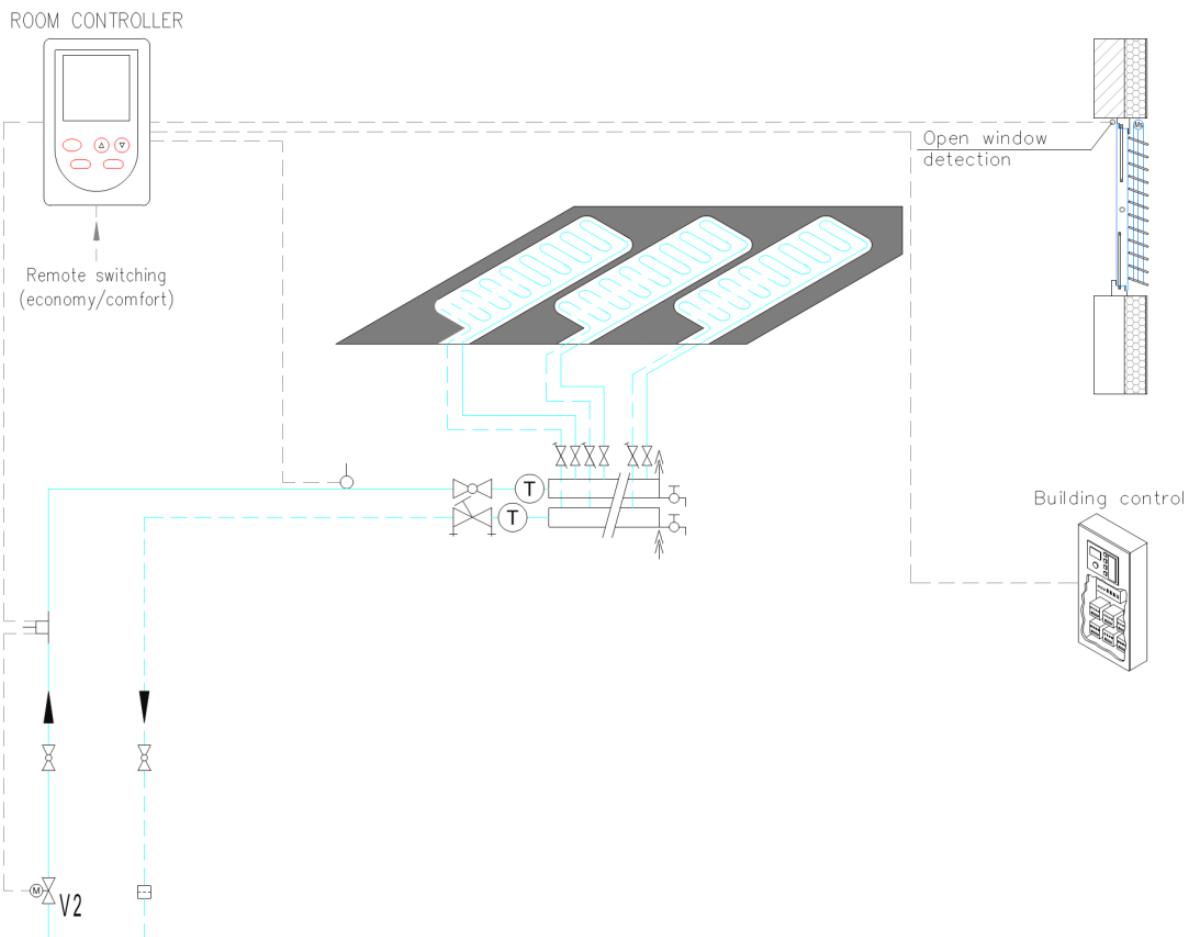
CONTROL THERMOSTAT INSTALLED

	Remote access	Manual	Automatic
On/Off	●		
Setpoint	●		
Cooling Valve V2 control			●
Economy/Comfort Switch - External Input	●		
Economy/Comfort Switch - Modbus	✗		
Open Window Detection	●		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	●
External Schedule remote setting	✗
Room controller setpoint remote setting	✗
Fault indication - Room Controller	✗

CASE 12: ANDIVI ROOM CONTROLLER, CEILING COOLING, REGULATED SUPPLY TEMPERATURE, REMOTE ACCESS, REMOTE ACCESS – MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN ROOM

CONDENSATE MONITOR INSTALLED

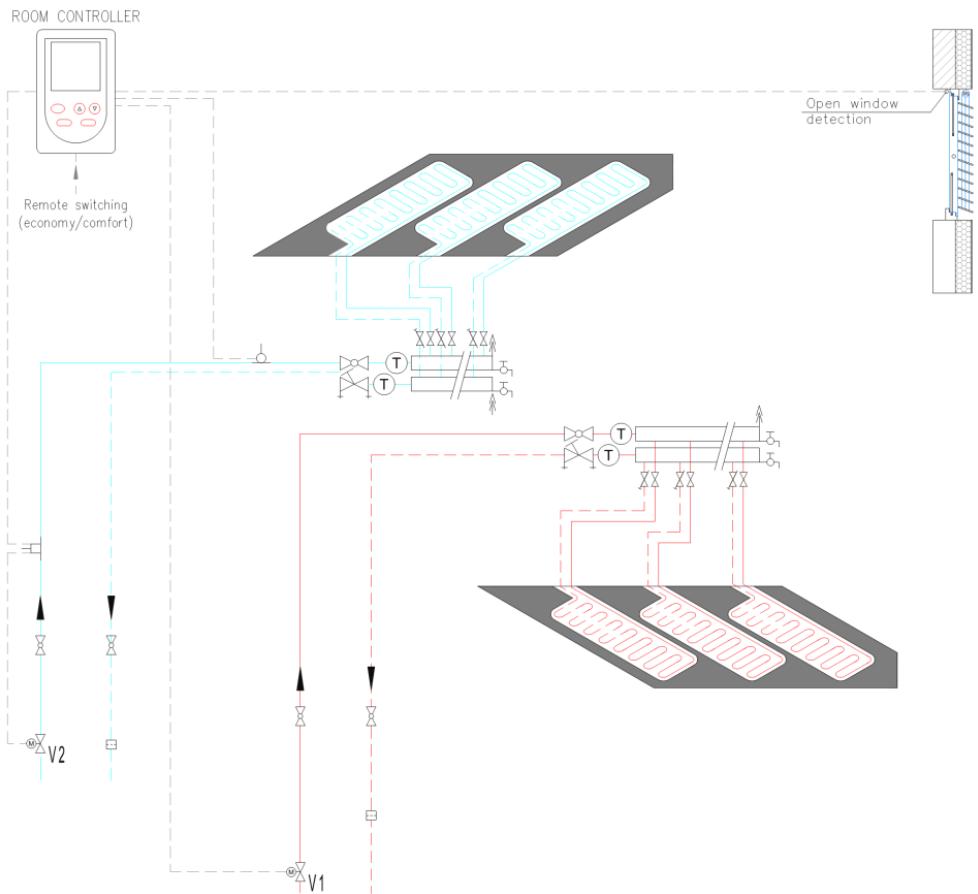
CONTROL THERMOSTAT INSTALLED

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Cooling Valve V2 control	•		•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Room Controller	•

CASE 13: ANDIVI ROOM CONTROLLER, FLOOR HEATING, CEILING COOLING, SUPPLY TEMPERATURE REGULATION HEATING, QUANTITY COOLING CONTROL, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN ROOM

CONDENSATE MONITOR INSTALLED

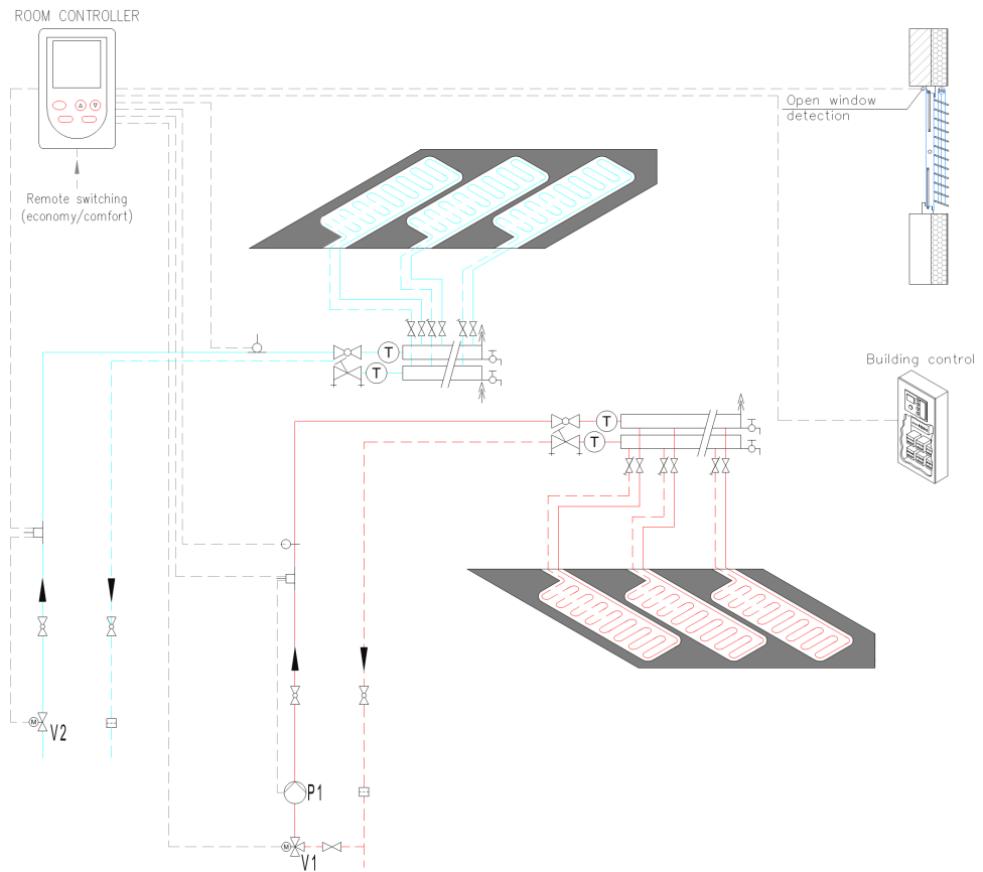
CONTROL THERMOSTAT INSTALLED

	Remote access	Manual	Automatic
On/Off	●		
Setpoint	●		
Heating Valve V1 control		●	
Cooling Valve V2 control		●	
Heating/Cooling Changeover		●	●
Economy/Comfort Switch - External Input	●		
Economy/Comfort Switch - Modbus	✗		
Open Window Detection	●		
Circulation Pump P1 – On over Supply Thermostat		●	

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	●
External Schedule remote setting	✗
Room controller setpoint remote setting	✗
Fault indication - Circulation Pump or Room Controller	✗

CASE 14: ANDIVI ROOM CONTROLLER, FLOOR HEATING, CEILING COOLING, SUPPLY TEMPERATURE REGULATION HEATING, QUANTITY COOLING CONTROL, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN ROOM

CONDENSATE MONITOR INSTALLED

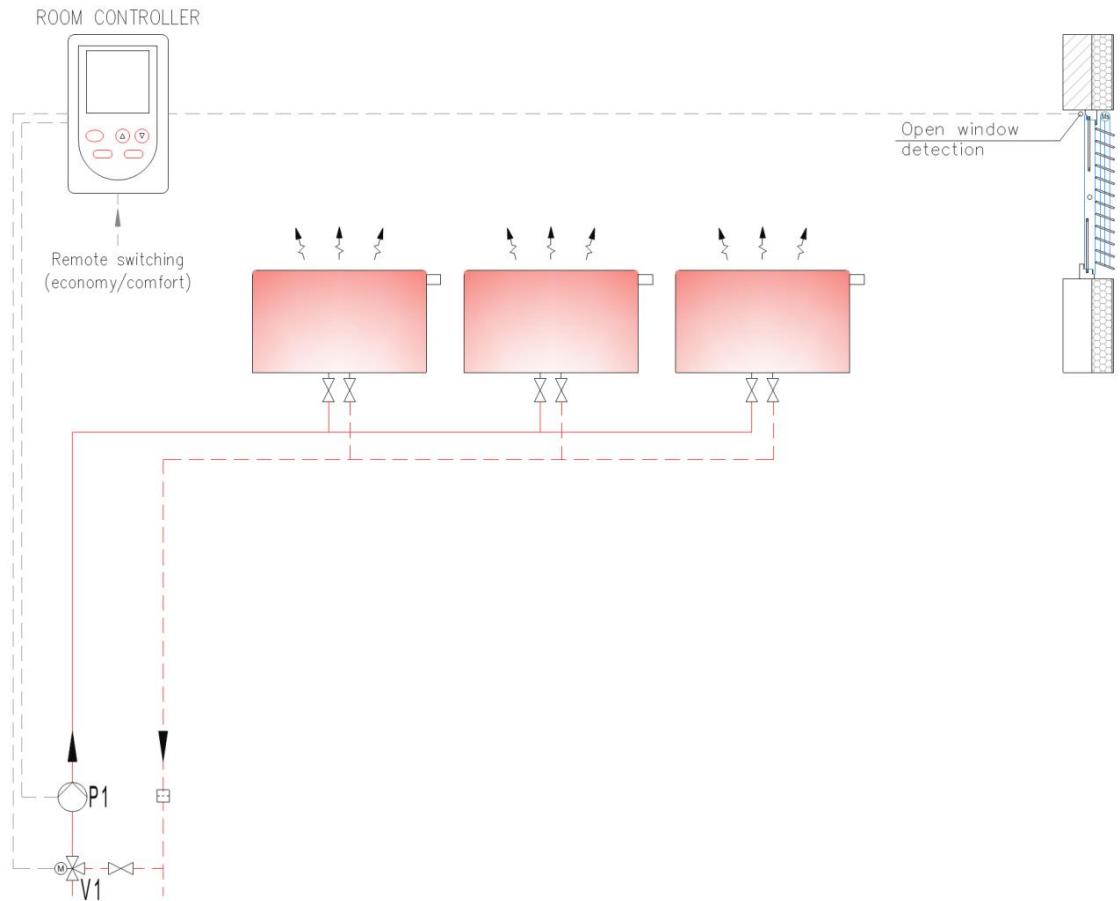
CONTROL THERMOSTAT INSTALLED

	Remote access	Manual	Automatic
On/Off	●	●	●
Setpoint	●	●	●
Heating Valve V1 control	●		●
Cooling Valve V2 control	●		●
Heating/Cooling Changeover	●	●	●
Economy/Comfort Switch - External Input	●		
Economy/Comfort Switch - Modbus	●		
Open Window Detection	●		
Circulation Pump P1 – On over Supply Thermostat	●		●

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	●
External Schedule remote setting	●
Room controller setpoint remote setting	●
Fault indication - Circulation Pump or Room Controller	●

CASE 15: ANDIVI ROOM CONTROLLER, RADIATOR HEATING, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

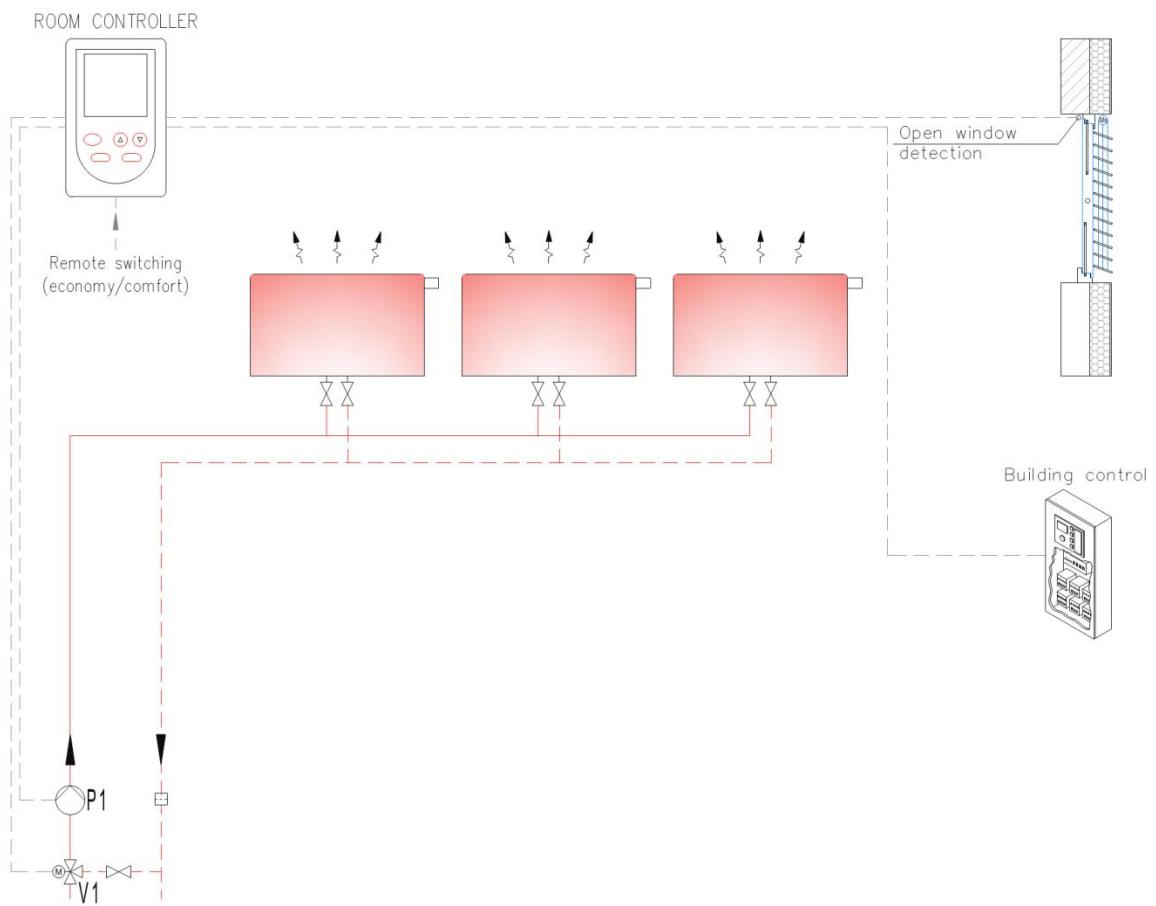
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	●		
Setpoint	●		
Heating Valve V1 control			●
Circulation Pump P1 On			●
Economy/Comfort Switch - External Input	●		
Economy/Comfort Switch - Modbus	✗		
Open Window Detection	●		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	●
External Schedule remote setting	✗
Room controller setpoint remote setting	✗
Fault indication - Circulation Pump or Room Controller	✗

CASE 16: ANDIVI ROOM CONTROLLER, RADIATOR HEATING, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

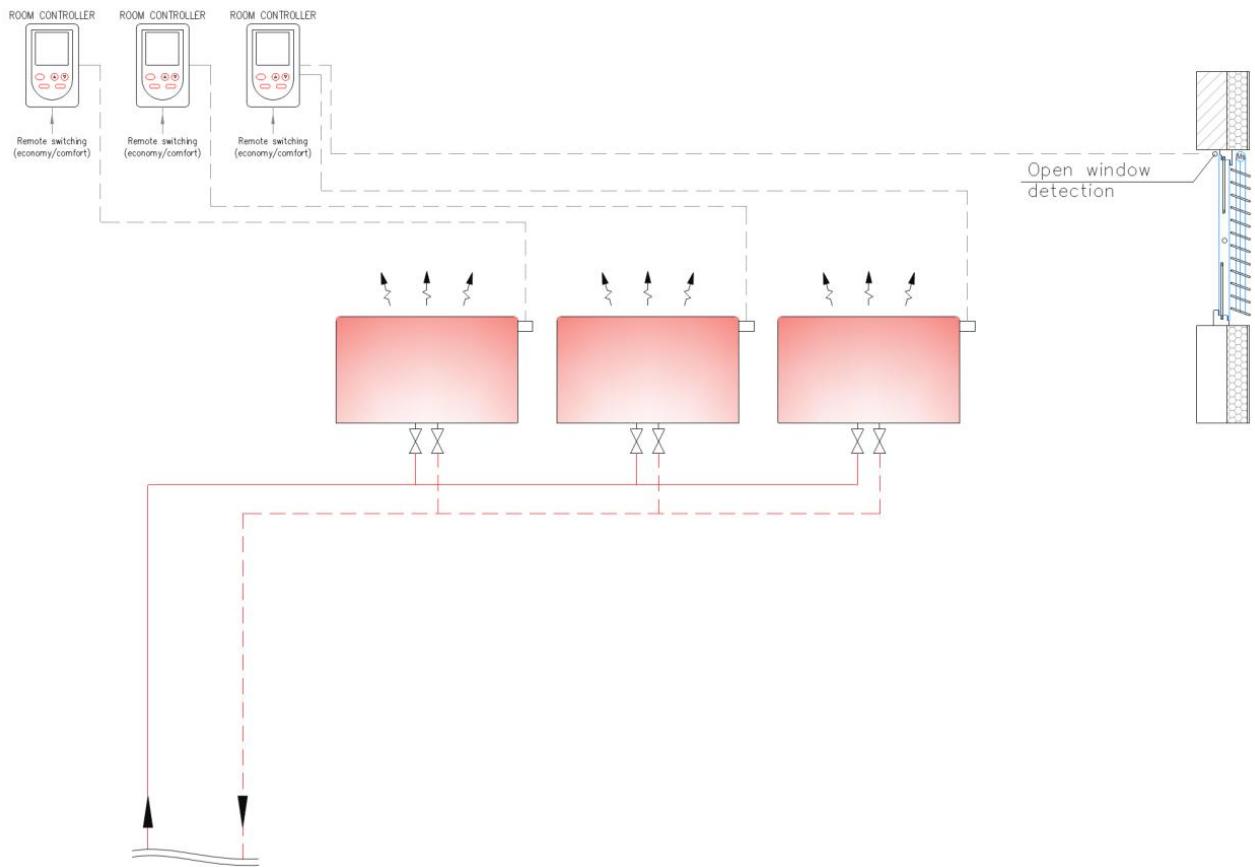
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Heating Valve V1 control	•		•
Circulation Pump P1 On	•		•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Circulation Pump or Room Controller	•

CASE 17: ANDIVI ROOM CONTROLLER, RADIATOR HEATING, REGULATED SUPPLY TEMPERATURE, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

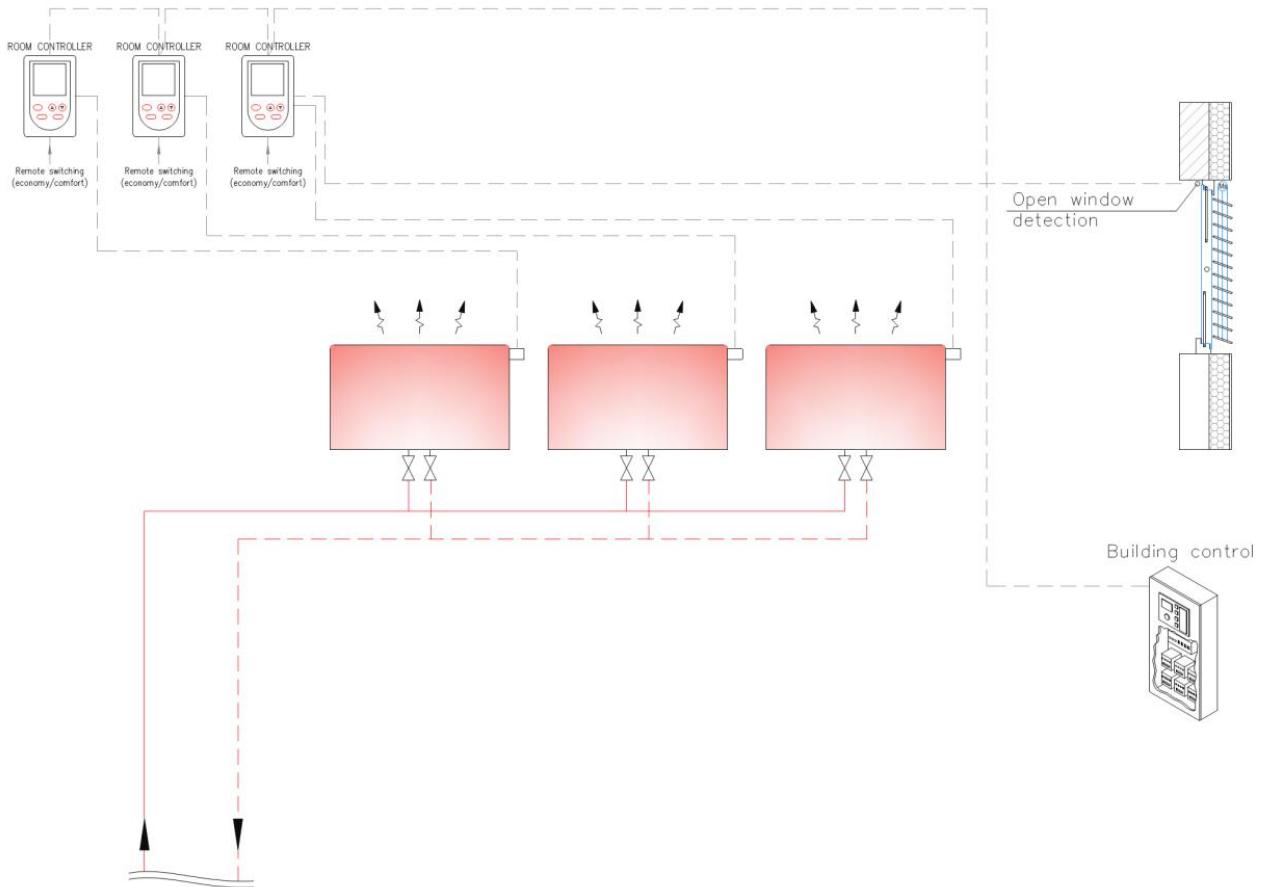
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•		
Setpoint	•		
Radiator Valves control			•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	✗		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	✗
Room controller setpoint remote setting	✗
Fault indication - Room Controller	✗

CASE 18: ANDIVI ROOM CONTROLLER, RADIATOR HEATING, REGULATED SUPPLY TEMPERATURE, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

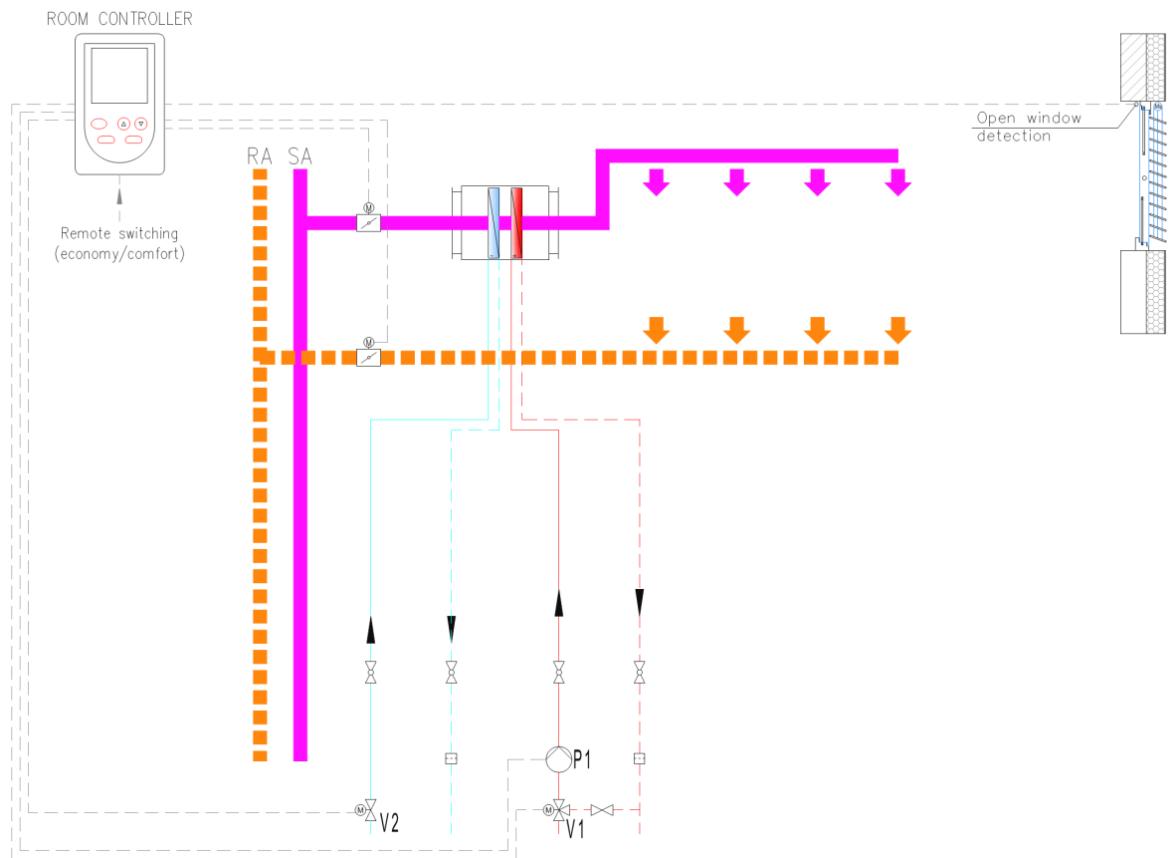
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Radiator Valves control	•		•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Room Controller	•

CASE 19: ANDIVI ROOM CONTROLLER, VENTILATION SYSTEM - ZONE HEATING - COOLING, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

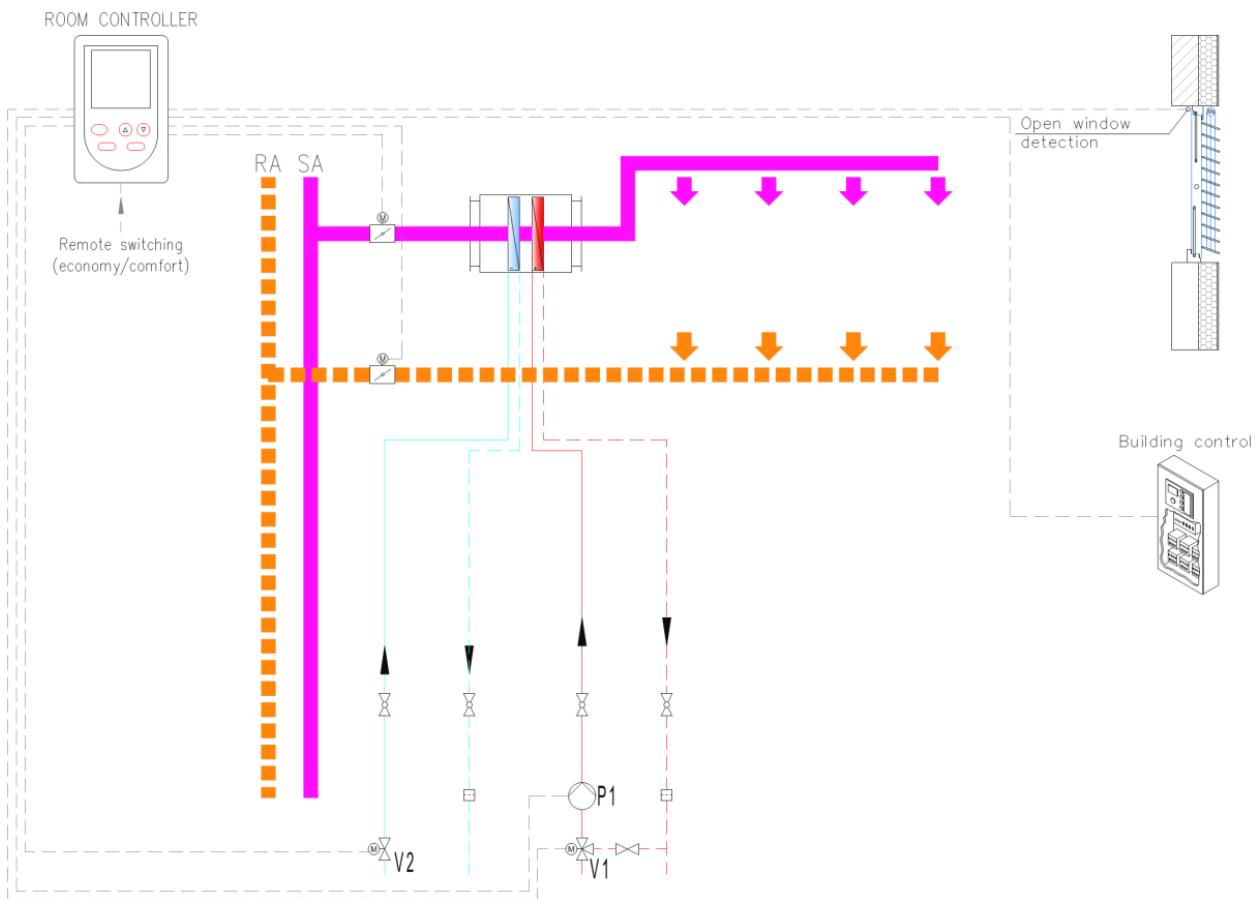
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•		
Setpoint	•		
Heating Valve V1 control		•	
Circulation Pump P1 On		•	
Cooling Valve V2 control		•	
Heating/Cooling Changeover	•	•	
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	✗		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	✗
Room controller setpoint remote setting	✗
Fault indication - Circulation Pump or Room Controller	✗

CASE 20: ANDIVI ROOM CONTROLLER, VENTILATION SYSTEM - ZONE HEATING - COOLING, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

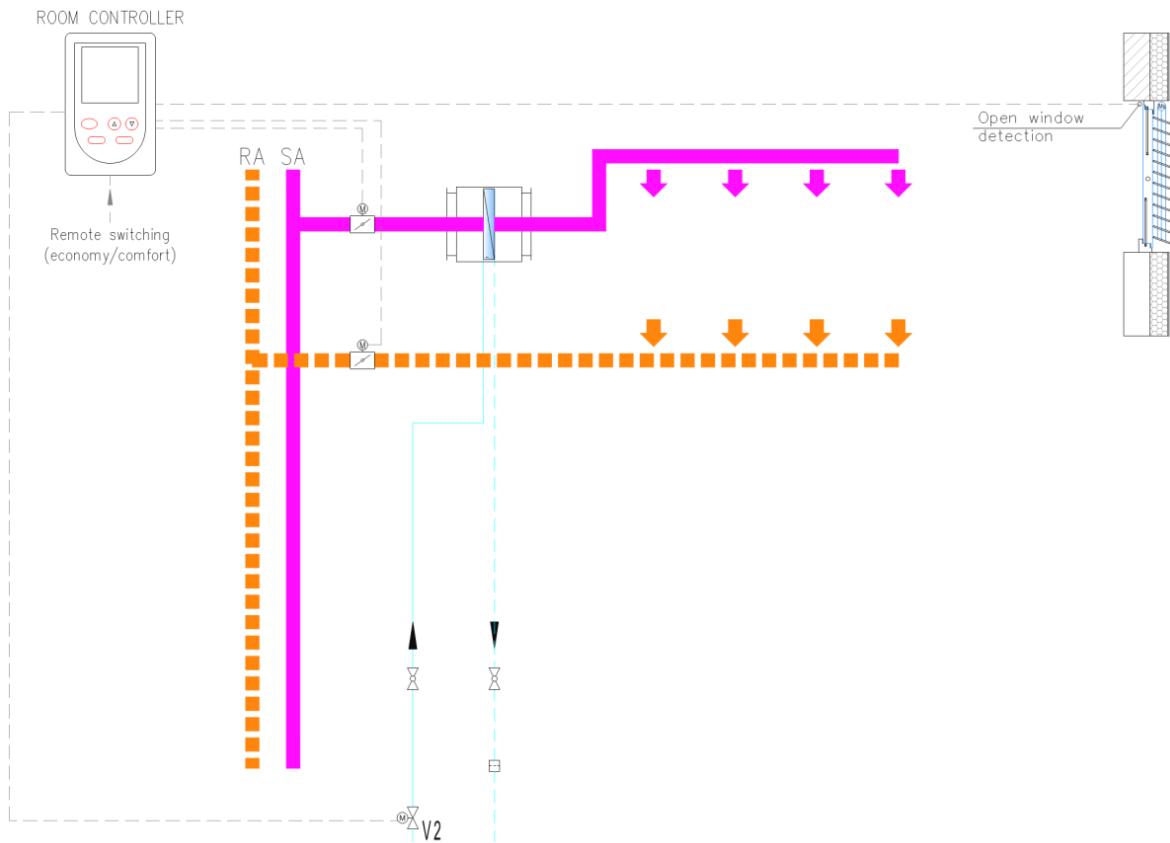
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Heating Valve V1 control	•		•
Circulation Pump P1 On	•		•
Cooling Valve V2 control	•		•
Heating/Cooling Changeover	•	•	•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Circulation Pump or Room Controller	•

CASE 21: ANDIVI ROOM CONTROLLER, VENTILATION SYSTEM - ZONE COOLING, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

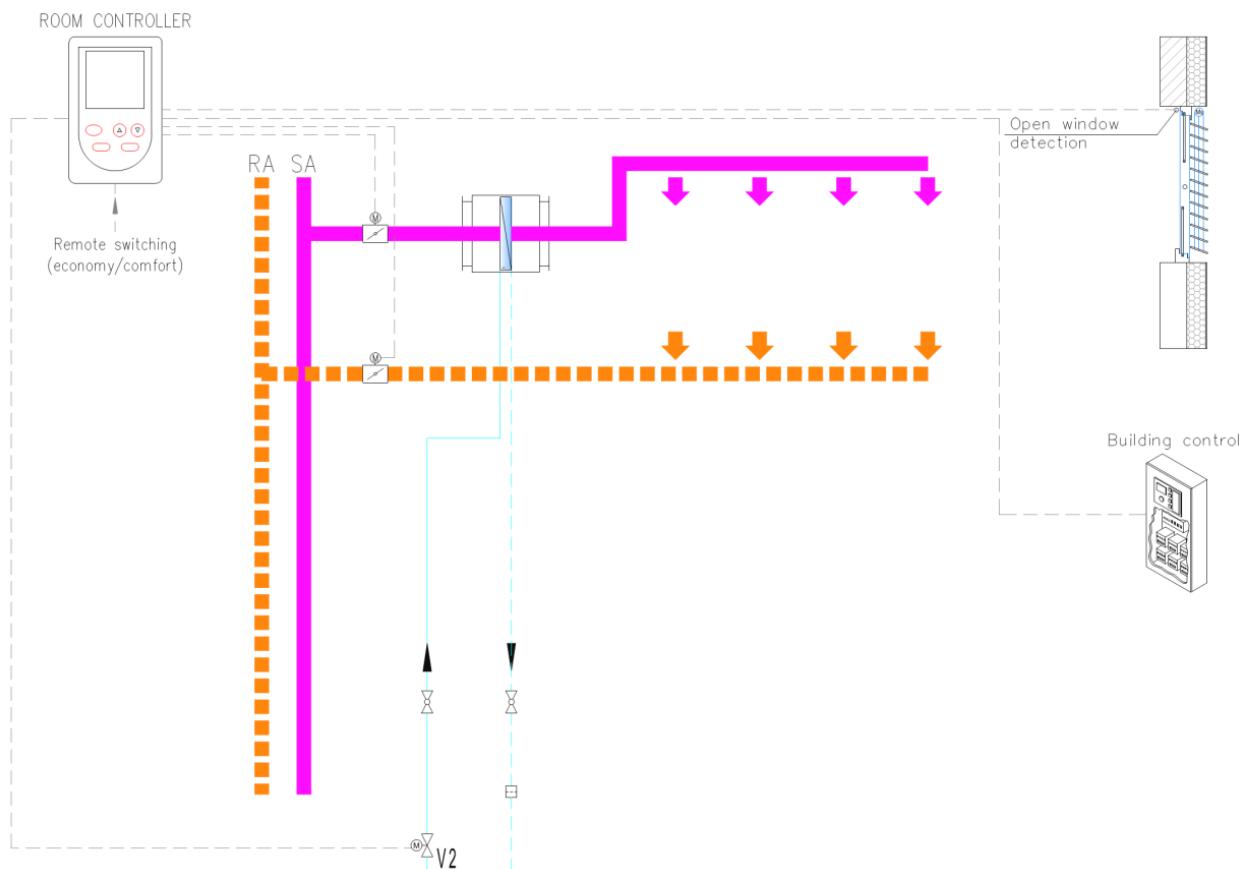
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off		●	
Setpoint		●	
Cooling Valve V2 control			●
Economy/Comfort Switch - External Input	●		
Economy/Comfort Switch - Modbus	✗		
Open Window Detection	●		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	●
External Schedule remote setting	✗
Room controller setpoint remote setting	✗
Fault indication - Circulation Pump or Room Controller	✗

CASE 22: ANDIVI ROOM CONTROLLER, VENTILATION SYSTEM - ZONE COOLING, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

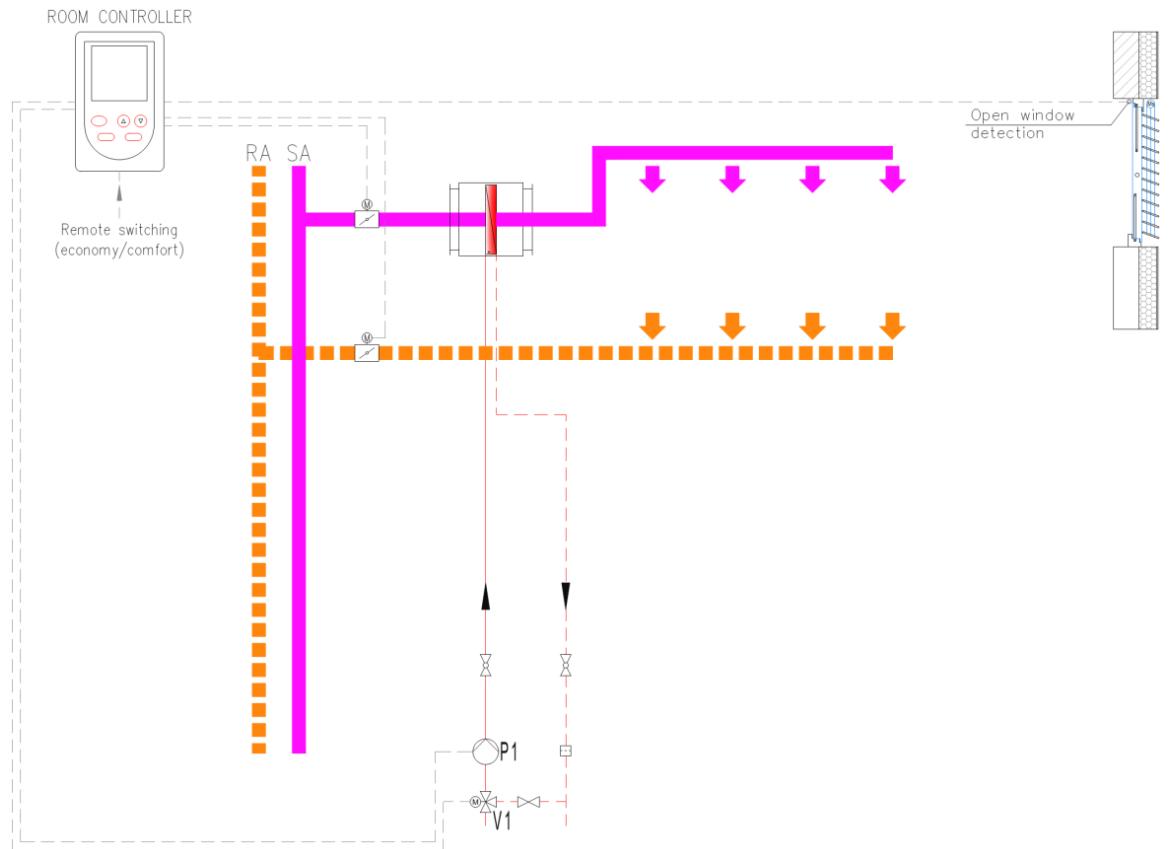
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Cooling Valve V2 control	•		•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Circulation Pump or Room Controller	•

CASE 23: ANDIVI ROOM CONTROLLER, VENTILATION SYSTEM - ZONE HEATING, REMOTE ACCESS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

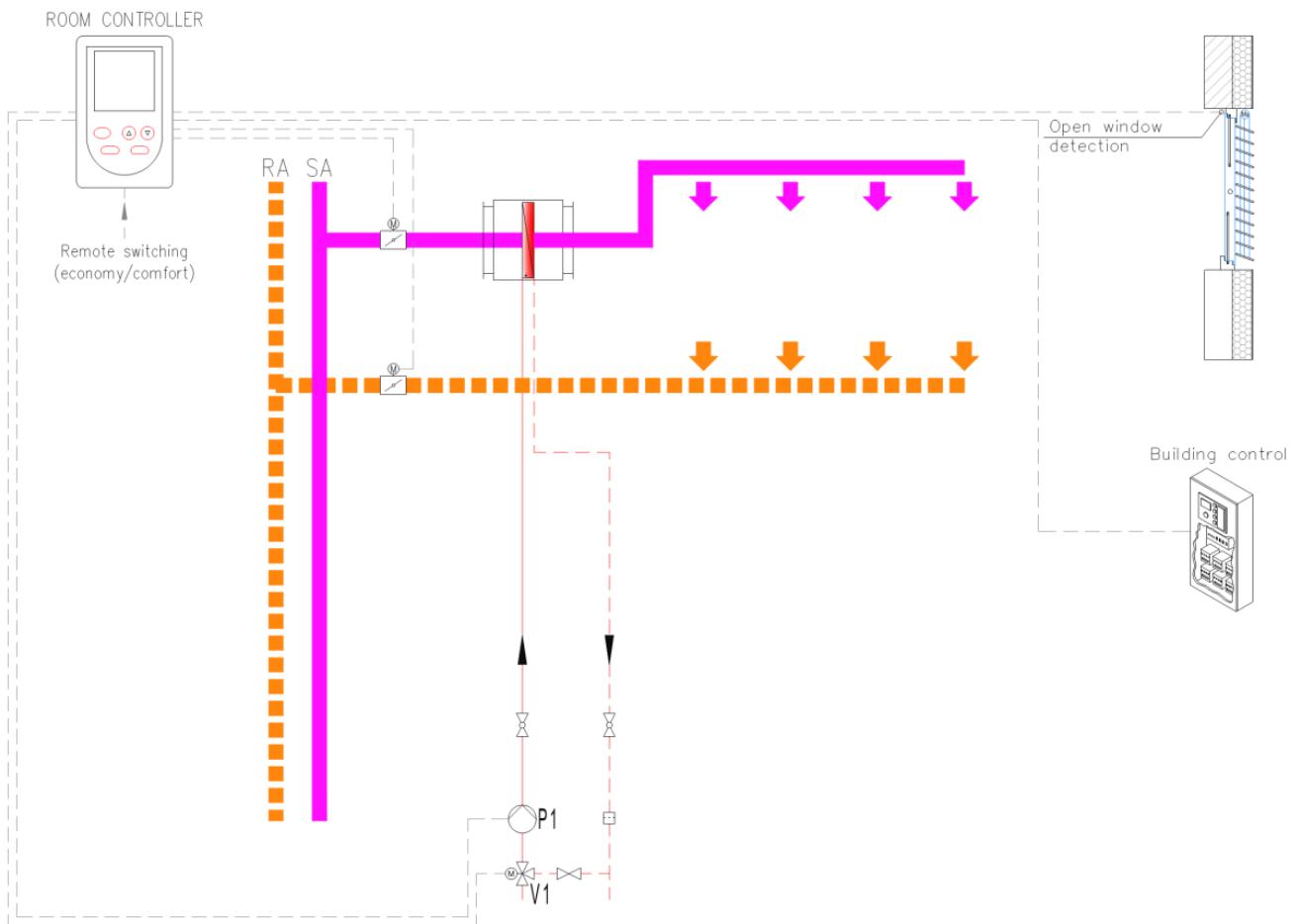
INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•		
Setpoint	•		
Heating Valve V1 control		•	
Circulation Pump P1 On		•	
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	x		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	x
Room controller setpoint remote setting	x
Fault indication - Circulation Pump or Room Controller	x

CASE 24: ANDIVI ROOM CONTROLLER, VENTILATION SYSTEM - ZONE HEATING, REMOTE ACCESS, REMOTE ACCESS - MODBUS



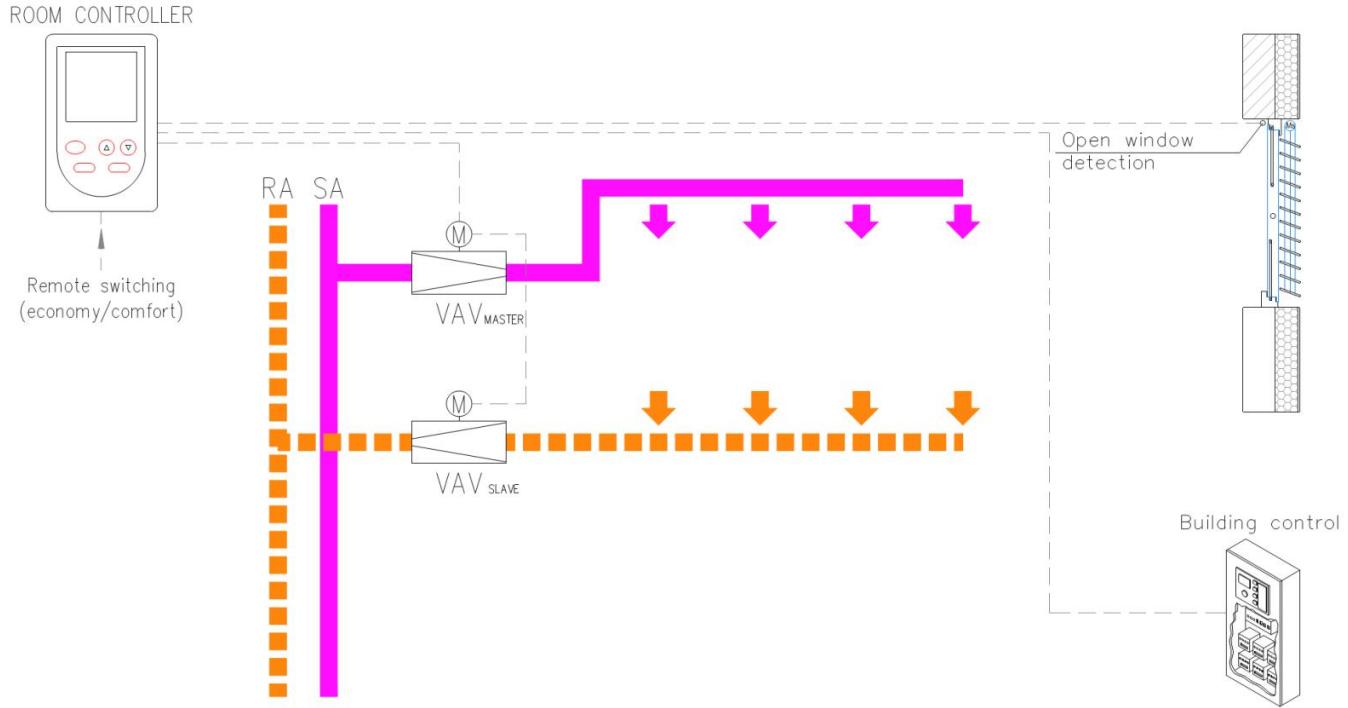
APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Heating Valve V1 control	•		•
Circulation Pump P1 On	•		•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Circulation Pump or Room Controller	•

CASE 25: ANDIVI ROOM CONTROLLER, VAV SYSTEM, REMOTE ACCESS, REMOTE ACCESS - MODBUS



APPLICATIONS AND FUNCTIONALITIES - TRC-A AND TRC-D

INSTALLED IN ROOM

	Remote access	Manual	Automatic
On/Off	•	•	•
Setpoint	•	•	•
Roomtemperature over VAV (Master/Slave) control	•		•
Heating/Cooling Changeover	•		•
Economy/Comfort Switch - External Input	•		
Economy/Comfort Switch - Modbus	•		
Open Window Detection	•		

EXTENSION OPTIONS

Auto Switch - Economy/Comfort	•
External Schedule remote setting	•
Room controller setpoint remote setting	•
Fault indication - Circulation Pump or Room Controller	•