

costruzioni elettroniche telesine

COELTOP RLX



User Manual and instructions
for programming



IDRO
FIREPLACES



SOLAR
THERMIC

Manual COELTOP RLX
Code: 1630
Item: 201RLX

COELTE.NET

Made by: coelte.net

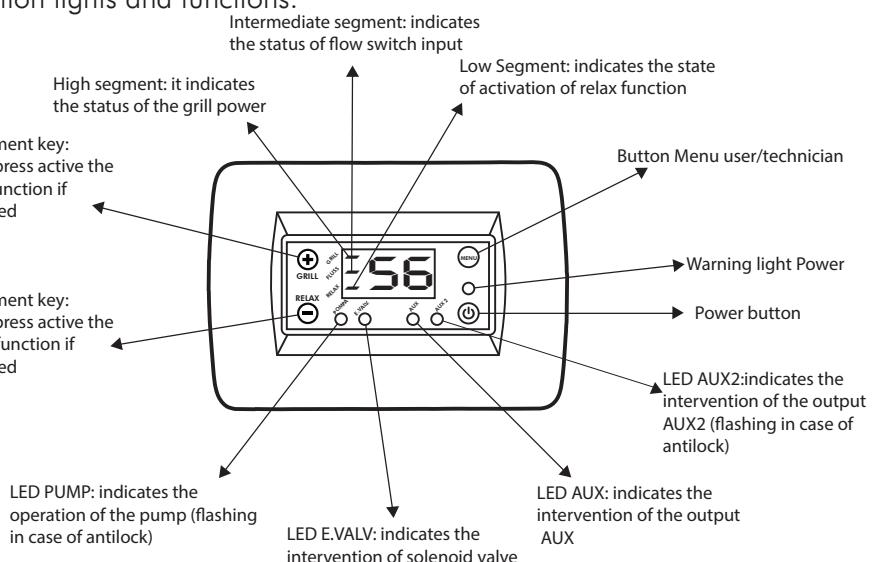
COELTOP RLX

The control unit **COELTOP RLX** comes up with simple design, and has a clear and intuitive controls. The control unit has a button **RELAX**, that allows to exclude the heating to promote the availability of sanitary hot water. **COELTOP RLX** has several operation programs to make the product applicable to different system types.

The control unit consists of 2 inputs and 4 relay output

| | TERMINAL | DESCRIPTION |
|--------|------------|----------------------------------|
| INPUT | S1 | INPUT SONDE |
| | S2 | INPUT SONDE OR SENSORS |
| | LINEA | INPUT 220VOLT |
| OUTPUT | CIRC | OUTPUT 220VOLT |
| | E.VALVOL | OUTPUT 220VOLT |
| | AUX | RELAY OUTPUT WITH CLEAN CONTACTS |
| | AUX2/CIRC2 | OUTPUT 220 VOLT |

Activation lights and functions:



Main Functions

Relax function

Relax function allows to momentarily turn off the heating by the pressure of the RELAX key, in this way it is possible to use all the hot water for the health. To activate the heating just press RELAX again otherwise the function will remain active until the water temperature is between the temperature values defined by the **TAC** e **TRF** parameters. The function is signaled by the turn on of the display segment RELAX.

Standby Function

The Standby function is activated by pressing the **Power** button, it has the effect of turning off outputs led and turning on **Power** led. To reactivate the control panel, press the **Power** button again. If you feed the fire without having rekindled the control unit, this will automatically activate when reaching the safety temperature (**T_{S1}**). Standby status is maintained even after a power outage.

⚠IMPORTANT: In the technical menu there are 4 parameters available (**P01**, **EV_**, **RU1**, **RU2**) by means of which it defines the state of **ON / OFF** of each relay in the phase of **Standby**.

Antilock circulator function

In the case in which the circulators do not share over the days set in parameter **DRB** (7 days by default) they are activated for the seconds set in **SRB** parameter. The function is also active in standby. If you experience a power failure, whereby the unit is restarted, an anti-lock loop is done because it is not possible to know how long it had no power. When you enable this feature the **PUMP** led will light up intermittently.

Circulator pump test function

simultaneously pressing the + and - you make a circulators pump test, they will remain on for the time **SRB**.

Common functions

In any program where you see this symbol  you can view the temperature of the second sonde by pressing the - (minus) for about 5 seconds.

User menu

To access the user programming, just press the **MENU** button.

The parameters displayed in the user menu can be different for each program, for which the details are shown in each of the following system boards, at the voice parameters.



The **CO.EL.TE.** reserves the right to make changes both software and hardware to the control unit without the need for prior formal acceptance.

TECHNICAL MENU PROGRAMMING

⚠ CAUTION: The access and modification of the following parameters is intended only to qualified personnel. To access the technical menu must hold for about 5 seconds the **MENU** button.

| MENU | DEFAULT | RANGE | FUNCTION |
|---------|---------|---------|--|
| TSI | 70 | 65-99 | IT CHANGES THE VALUE OF SAFETY THERMOSTAT |
| TEM | 90 | 65-99 | IT CHANGES THE VALUE OF EMERGENCY THERMOSTAT |
| IST | 2 | 1-10 | IT CHANGES THE HYSTERESIS THERMOSTATS |
| DEL | 4 | 2-20 | DIFFERENTIAL DELTA SONDES |
| TRG | 4 | 1-6 | IT CHANGES THE ANTIFREEZE THERMOSTAT |
| TRC | 65 | 20-80 | IT CHANGES THE HOT WATER THERMOSTAT (RELAX) |
| TRF | 40 | 20-80 | IT CHANGES THE COLD WATER THERMOSTAT (RELAX) |
| DRB | 7 | 1-30 | DAYS OF ANTILOCK CYCLE |
| SRB | 20 | 0-59 | SECONDS OF ANTILOCK |
| PO1 | OFF | | SETTING OUTPUT STATE AT TURNED OFF CONTROL UNIT |
| OFF-EV | ON | | SETTING OUTPUT STATE AT TURNED OFF CONTROL UNIT |
| OFF-RU1 | ON | | SETTING OUTPUT STATE AT TURNED OFF CONTROL UNIT |
| OFF-RU2 | OFF | | SETTING OUTPUT STATE AT TURNED OFF CONTROL UNIT |
| BEEP | ON | | ENABLING BUTTONS BEEP |
| PRG | PR3 | | |
| | PR0 | | SUITABLE FOR 2 PUMPS PLANT AND INTERNAL AS COIL |
| | PR1 | | SUITABLE FOR 2 PUMPS PLANT AND EXTERNAL AS EXCHANGER |
| | PR2 | | SUITABLE FOR 1 PUMP PLANT AND INTERNAL AS COIL |
| | PR3 | | SUITABLE FOR 1 PUMP PLANT AND EXTERNAL AS EXCHANGER (SAME PREVIOUS COELTOP PROGRAM) |
| | PR4 | | SUITABLE FOR 2 SONDES PLANT WITH BOYLER FOR SANITARY WATER |
| | PR5 | | SUITABLE FOR SOLAR PLANT WITH INTEGRATED FORCED CIRCULATION |
| | PR6 | | SUITABLE FOR PLANT WITH FAN COIL (SEE LINKS IN PLANTS TABLES) |
| | PR7 PR8 | | SUITABLE FOR PLANT WITH FAN COIL CONTROLLED BY AMBIENT TEMPERATURE (DETAILS IN THE TABLES SYSTEMS, REQUIRES DOUBLE SONDE) |
| | PR9 | | SUITABLE FOR PLANT WITH HEATING MANAGEMENT WITHDRAWAL FROM PUFFER |
| | PR10 | | SYSTEM THAT PROVIDES THE DUAL PLANT MANAGEMENT (SEE TABLES SYSTEMS) |
| | PR11 | | WATER LEVEL SENSORS+CIRC+E.VALV (THERMOSTAT AUX2 OR GRILL) |
| OU4 | GRL | GRL/TER | OUTPUT DEFINITION CIRC2/GRL AT THERMOSTAT CIRC 2 OR AT GRILL (available only if PRG= 2, 3, 4,10,11) |
| RES | OFF | | RESTORING CONTROL SETTINGS FACTORY/RESET. TO COMMUTE ON PRESS THE BUTTON + 5 TIMES, THEN THE MENU BUTTON. YOU GET CONFIRMATION THROUGH THE WRITTEN ROY. |

⚠ ALARMS

The alarm situations that may occur are the following:

| ALARM | CAUSE | VISUALIZATION |
|-------|-----------------------------|---|
| 1 | SONDE IN SHORT CIRCUIT | BLU ALTERNATING THE WRITTEN SCH |
| 2 | OPEN SONDE OR NOT CONNECTED | BLU ALTERNATING THE WRITTEN SAP |
| 3 | EMERGENCY ALARM | BLU ALTERNATING THE VALUE OF READING TEMPERATURE |

Each alarm is accompanied by beep that can be turned off by pressing any key. If the alarm condition persists for more than 4 minutes, the beep is reactivated again.

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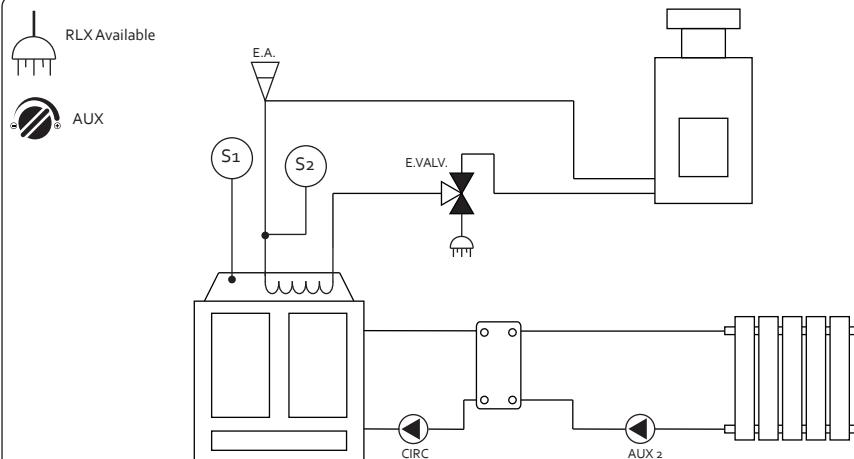
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SYSTEM WITH INTERNAL WINDING AS AND ANTICONDENSATION CIRCUIT

PROGRAM Pr0



| Initial | Name | Terminals |
|---------|--------------------------------|-----------|
| S1 | Fireplace sonde | |
| S2 | Flow switch (FLUSS) | |
| CIRC | Fireplace pump | |
| E.VALV. | Solenoid valve A.C.S. | |
| AUX | Thermostat with clean contacts | |
| AUX 2 | Heating pump | |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|---------|---|---------|-------|------|
| TP1 | CIRC | Chimney pump thermostat | 50 | 20-85 | °C |
| TEH | E.VALV. | Sanitary exchange solenoid valve thermostat | 52 | 20-85 | °C |
| TRU | AUX | Thermostat with clean contacts | 54 | 20-85 | °C |
| TP2 | AUX 2 | Heating pump thermostat | 54 | 20-85 | °C |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF((RLX=ON) OR (FLUSS=CLOSED)) | RISC=OFF | |
| IF((RLX=OFF) AND (FLUSS=OPENED)) | RISC=ON | |
| IF(S1>= TP1) | | CIRC |
| IF(S1>= TEH) | | E.VALV. |
| IF(S1>= TAU) | | AUX |
| IF((S1>= TP2) AND (RISC=ON)) | | AUX 2 |

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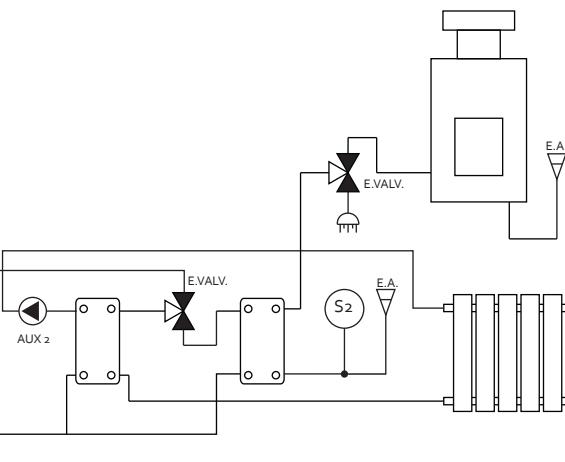
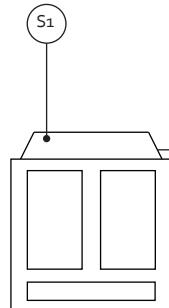
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SYSTEM WITH EXTERNAL EXCHANGER AS WITH ANTCONDENSATION CIRCUIT
AND EV OF HEATING CLOSURE

PROGRAM Pr1



| Initial | Name | Terminals |
|---------|--------------------------------|-----------|
| S1 | Fireplace sonde | |
| S2 | Flow switch (FLUSS) | |
| CIRC | Fireplace pump | |
| E.VALV. | Solenoid valve A.C.S. | |
| AUX | Thermostat with clean contacts | |
| AUX 2 | Heating pump | |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|---------|---|---------|-------|------|
| TP1 | CIRC | Chimney pump thermostat | 50 | 20-85 | °C |
| TEH | E.VALV. | Sanitary exchange solenoid valve thermostat | 52 | 20-85 | °C |
| TRU | AUX | Auxiliary thermostat | 54 | 20-85 | °C |
| TP2 | AUX 2 | Heating pump thermostat | 54 | 20-85 | °C |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF((RLX=ON) OR (FLUSS=CLOSED)) | RISC=OFF | |
| IF((RLX=OFF) AND (FLUSS=OPENED)) | RISC=ON | |
| IF(S1>=TP1) OR E.VALV._active | | CIRC |
| IF((S1>= TEH) AND (RISC=ON)) | | E.VALV. |
| IF(S1>= TAU) | | AUX |
| IF((S1>= TP2) AND (E. VALV. turned off)) | | AUX 2 |

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SYSTEM WITH INTERNAL WINDING AS AND OPTIONAL ENABLING GRILL FUNCTION

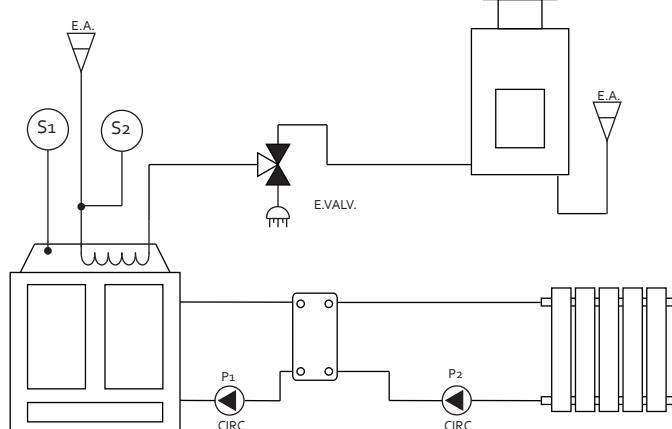
PROGRAM Pr2

RLX Available

Grill Available

AUX

AUX2



| Initial | Name | Terminals | |
|---------|--------------------------------|-----------|--|
| S1 | Fireplace sonde | | |
| S2 | Flow switch (FLUSS) | | |
| CIRC | Fireplace pump | | |
| E.VALV. | Solenoid valve A.C.S. | | |
| AUX | Thermostat with clean contacts | | |
| AUX 2 | Heating pump | | |

PARAMETERS

| Display | Led | Descrizione | Default | Range | Unit |
|---------|---------|---|---------|---------|------|
| TP1 | CIRC | Chimney pump thermostat | 50 | 20-85 | °C |
| TEH | E.VALV. | Sanitary exchange solenoid valve thermostat | 52 | 20-85 | °C |
| TRU | AUX 1 | Auxiliary thermostat | 54 | 20-85 | °C |
| TP2 | AUX 2 | Additional thermostat | 54 | 20-85 | °C |
| OU4-TER | | Output function AUX 2 Thermostat | GRL | GRL-TER | |
| OU4-GRL | | Output function AUX 2 Grill | GRL | GRL-TER | |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF((RLX=ON) OR (FLUSS=CLOSED)) | RISC=OFF | |
| IF((RLX=OFF) AND (FLUSS=OPENED)) | RISC=ON | |
| IF((S1>=TP1) AND (RISC=ON)) | | CIRC |
| IF(S1>= TEH) | | E.VALV. |
| IF(S1>= TAU) | | AUX |
| IF((S1>= TP2) AND (OU4=TER)) | | AUX 2 |

Manual TOP RLX

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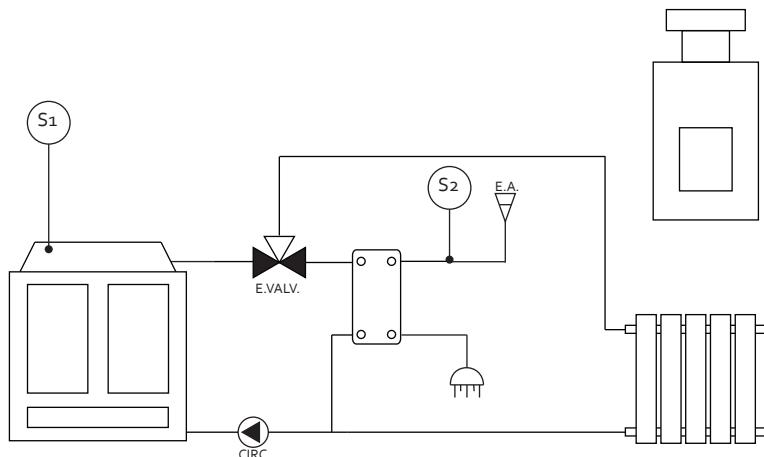
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SYSTEM WITH EXTERNAL EXCHANGER AS AND OPTIONAL ENABLING GRILL FUNCTION

PROGRAM Pr3



| Initial | Name | Terminals |
|---------|--------------------------------|-----------|
| S1 | Fireplace sonde | |
| S2 | Flow switch (FLUSS) | |
| CIRC | Fireplace pump | |
| E.VALV. | Diverter solenoid valve | |
| AUX | Thermostat with clean contacts | |
| AUX 2 | Furnace integration | |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|---------|---|---------|---------|------|
| TP1 | CIRC | Fireplace thermostat | 50 | 20-85 | °C |
| TEH | E.VALV. | Solenoid valve sanitary exchange thermostat | 52 | 20-85 | °C |
| TRU | AUX 1 | thermostat with clean contacts | 54 | 20-85 | °C |
| TP2 | AUX 2 | Furnace integration thermostat | 54 | 20-85 | °C |
| OU4=TER | | Output function AUX 2 Thermostat | GRL | GRL-TER | |
| OU4=GRL | | Output function AUX 2 Grill | GRL | GRL-TER | |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF((RLX=ON) OR (FLUSS=CHIUSO)) | RISC=OFF | |
| IF((RLX=OFF) AND (FLUSS=APERTO)) | RISC=ON | |
| IF((S1 >= TP1) AND (RISC=ON)) | | CIRC |
| IF(S1 >= TAU) | | E.VALV. |
| IF((S1 >= TP2) AND (OU4=TER)) | | AUX |
| | | AUX 2 |

Manual TOP RLX

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SYSTEM WITH EXTERNAL SANITARY WATER BOYLER AND OPTIONAL ENABLING GRILL FUNCTION

PROGRAM Pr4



RLX Available



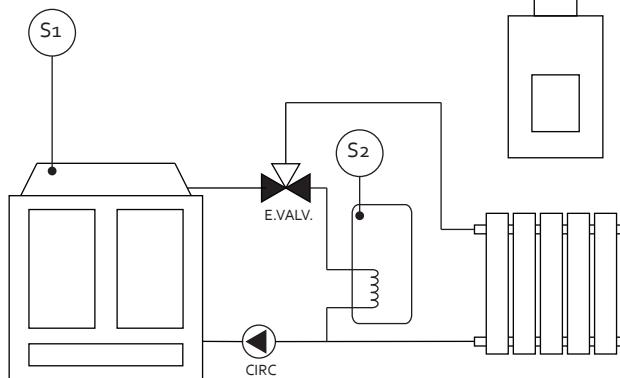
Grill Available



AUX



AUX2



| Initial | Name | Terminals | | | | |
|---------|--------------------------------|-----------|----|----------------|---------------|------------------|
| S1 | Fireplace sonde | S1 | | | | |
| S2 | Boyler sonde | | S2 | | | |
| CIRC | Fireplace pump | | | LINEA 220 V | CIRC 220 V | E.VALV. 220 V |
| E.VALV. | Diverter solenoid valve | F | N | N | F | N |
| AUX | Thermostat with clean contacts | ○ | ○ | ○ | ○ | ○ |
| AUX 2 | Grill or furnace integration | S1 | S2 | LINE | Eon | Foff |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|---------|--|---------|---------|------|
| TP1 | CIRC | Chimney pump thermostat | 50 | 20-85 | °C |
| TEH | E.VALV. | Max temperature boyler solenoid valve thermostat | 54 | 20-85 | °C |
| TEL | E.VALV. | Min temperature boyler thermostat | 56 | 20-85 | °C |
| TRU | AUX | Chimney integration thermostat | 54 | 20-85 | °C |
| TP2 | AUX 2 | Boyler or grill integration thermostat | 54 | 20-85 | °C |
| OU4-TER | | Output function AUX 2 Thermostat | GRL | GRL-TER | |
| OU4-GRU | | Output function AUX 2 Grill | GRL | GRL-TER | |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF((RLX=ON) OR (FLUSS=CLOSED)) | RISC=OFF | |
| IF((RLX=OFF) AND (FLUSS=OPENED)) | RISC=ON | |
| IF(S2<= TEL) | (CAR=1) | |
| IF(S2>= TEH) | (CAR=0) | |
| IF(CAR_1) AND (S1>S2) AND (S1>TEL) | | CIRC |
| IF(S2<= TEL) ON OR (S2>= TEH) OFF | | E.VALV. |
| IF(S1>= TAU) | | AUX |
| IF(S2>= TP2) AND (OU4=TER) | | AUX2 |

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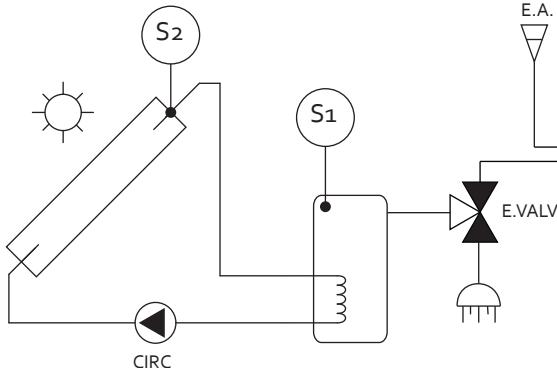
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SYSTEM MANAGEMENT SOLAR GATHERER WITH FORCED CIRCULATION

PROGRAM Pr5



| Initial | Name | Terminals |
|---------|-----------------------|-----------|
| S1 | Boyer sonde | |
| S2 | Gatherer sonde | |
| CIRC | Fireplace pump | |
| E.VALV. | Solenoid valve A.C.S. | |
| AUX | Auxiliary thermostat | |
| AUX 2 | Furnace integration | |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|---------|---|---------|-------|------|
| TEH | E.VALV. | Solenoid valve sanitary exchange thermostat | 52 | 20-85 | °C |
| TRU | AUX | Thermostat with clean contacts | 54 | 20-85 | °C |
| TP2 | AUX2 | Furnace integration thermostat | 54 | 20-85 | °C |
| DEL | | Sondes Delta Differential (Technical Menu) | 4 | 2-20 | °C |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF(S2>=(S1+DEL)) | | CIRC |
| IF(S1 >= TEH) | | E.VALV. |
| IF(S1 >= TAU) | | AUX |
| IF(S1 >= TP2) | | AUX 2 |

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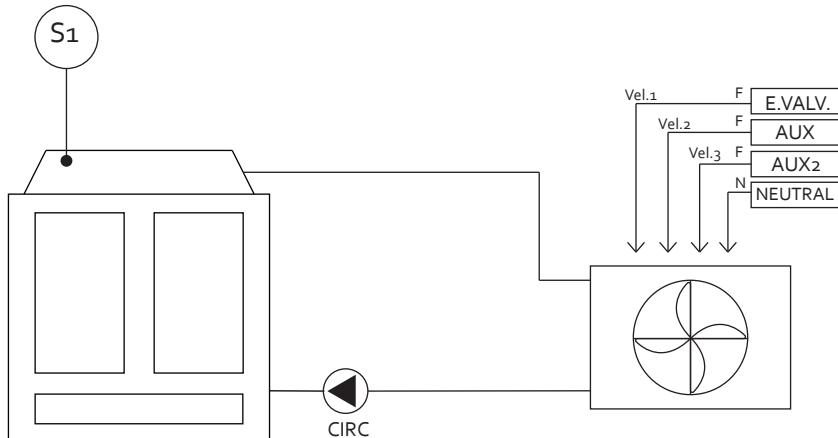
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SYSTEM WITH RADIATOR FANCOIL

PROGRAM Pr6



| Initial | Name | Ventilator fancoil terminals | |
|---------|-----------------|------------------------------|------|
| S1 | Fireplace sonde | S1 | S2 |
| CIRC | Fireplace pump | LINEA | CIRC |
| E.VALV. | Fase 1 speed | E.VALV. | AUX |
| AUX | Fase 2 speed | AUX | AUX2 |
| AUX 2 | Fase 3 speed | | |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|------|-------------------------|---------|--------|------|
| TPO | CIRC | Chimney pump thermostat | 50 | 20-85 | °C |
| TV1 | | Speed temperature 1 | | 20-85 | °C |
| TV2 | | Speed temperature 2 | | TV1-85 | °C |
| TV3 | | Speed temperature 3 | | TV2-85 | °C |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF(S1 >= TPo) | | CIRC |
| IF(S1 >= TV1) | | E.VALV. |
| IF(S1 >= TV2) | | AUX |
| IF(S1 >= TV3) | | AUX 2 |

Manual **TOP RLX**

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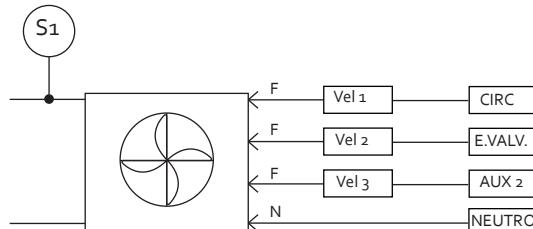
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CONTROLLER FANCOIL THERMOSTAT

PROGRAM Pr7



the fan coil speed are determined by supply water temperature through sonde S1.



| Initial | Name | Ventilator fancoil terminals | | | | | |
|---------|---------------------------|------------------------------|----|-------|-------|---------|-------|
| S1 | Supply temperature sonde | | | | | | |
| S2 | Ambient temperature sonde | S1 | S2 | LINEA | CIRC | E.VALV. | AUX |
| CIRC | Fase 1 speed | O | O | F | N | N | Com |
| E.VALV. | Fase 2 speed | O | O | N | O | Fan | NA |
| AUX | Auxiliary thermostat | S1 | S2 | O | O | Foff | NC |
| AUX 2 | Fase 3 speed | | | LINEA | Vel.1 | Vel.2 | Vel.3 |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|-----|--------------------|---------|--------|------|
| TRH | | Ambient thermostat | 21 | 5-45 | °C |
| TV1 | | Speed thermostat 1 | 50 | 20-85 | °C |
| TV2 | | Speed thermostat 2 | 54 | TV1-85 | °C |
| TV3 | | Speed thermostat 3 | 56 | TV2-85 | °C |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF(S2 < TAH) AND (S1 >= TV1) | | CIRC |
| IF(S2 < TAH) AND (S1 >= TV2) | | E.VALV. |
| IF(S2 < TAH) AND (S1 >= TV3) | | AUX 2 |
| IF(S2 >= TAU) | | AUX |

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CONTROLLER FANCOIL THERMOSTAT

PROGRAM Pr8



the fancoil speed are established as a function of ambient temperature and applied delta.

Ex:

TAH=20 DEL=2

S2=20 vel 0

S2=19 vel 1

S2=18 vel 1

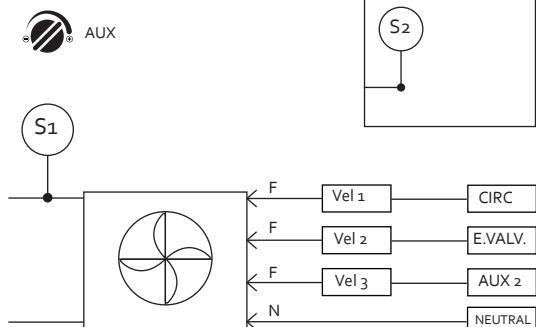
S2=17 vel 2

S2=16 vel 2

S2=15 vel 3

S2=14 vel 3

S2=13 vel 3



| Initial | Name | Ventilator fancoil terminals | |
|---------|---------------------------|------------------------------|--|
| S1 | Sent temperature sonde | | |
| S2 | Ambient temperature sonde | | |
| CIRC | Fase 1 speed | | |
| E.VALV. | Fase 2 speed | | |
| AUX | Auxiliary thermostat | | |
| AUX 2 | Fase 3 speed | | |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|-----|--|---------|--------|------|
| TRH | | Ambient thermostat | 21 | 5-45 | °C |
| TST | | Start fancoil thermostat | 50 | 20-85 | °C |
| DEL | | thermostat | 4 | TV1-85 | °C |
| TRU | | Auxiliary thermostat with clean contacts | 56 | TV2-85 | °C |

PRINCIPLE OF OPERATION

| IF condition | Logic state | Output |
|---|-------------|---------|
| IF(S2 < TAH) AND (S2 >=(TAH-DEL)) | | CIRC |
| IF(S2 < TAH-DEL) AND (S2 >=(TAH-DEL*2)) | | E.VALV. |
| IF(S2 <(TAH-DEL*2)) | | AUX 2 |
| IF(S2 >= TAU) | | AUX |

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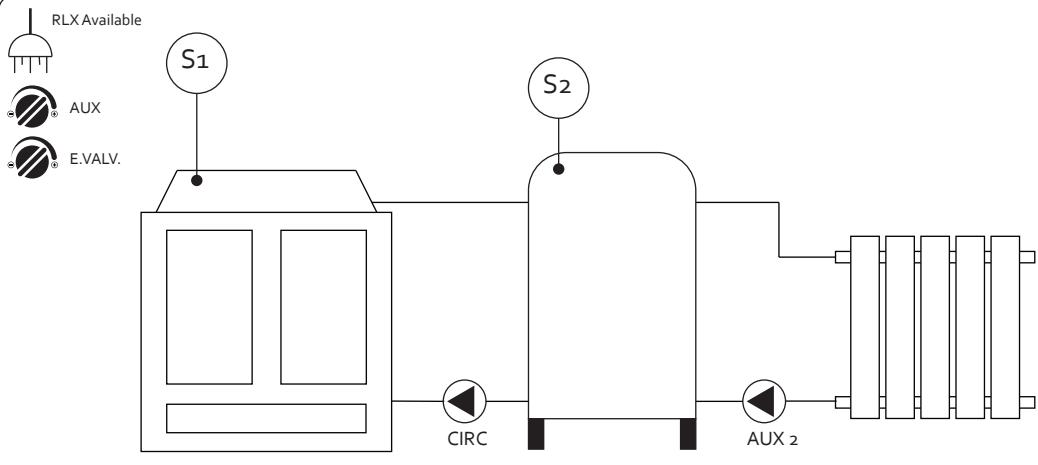
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HEATING SYSTEM MANAGEMENT WITH LEVY PUFFER

PROGRAM Pr9



| Initial | Name | Terminals |
|---------|-----------------------------------|-----------|
| S1 | Fireplace sonde | |
| S2 | Puffer sonde | |
| CIRC | Fireplace pump | |
| E.VALV. | Puffer integration solenoid valve | |
| AUX | Puffer auxiliary thermostat | |
| AUX 2 | Heating pump | |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|---------|---|---------|-------|------|
| TP1 | CIRC | Chimney pump thermostat | 50 | 20-85 | °C |
| TEH | E.VALV. | Sanitary exchange solenoid valve thermostat | 52 | 20-85 | °C |
| TRU | AUX | Thermostat with clean contacts | 56 | 20-85 | °C |
| TP2 | AUX 2 | Heating pump thermostat | 52 | 20-85 | °C |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF((RLX=ON) OR (FLUSS=CHIUSO)) | RISC=OFF | |
| IF((RLX=OFF) AND (FLUSS=APERTO)) | RISC=ON | |
| IF((S1>=TP1) AND (S1>S2)) | | CIRC |
| IF(S2>= TEH) | | E.VALV. |
| IF(S2>= TAU) | | AUX |
| IF((S2>= TP2) AND (RISC=ON)) | | AUX 2 |

Manual TOP RLX

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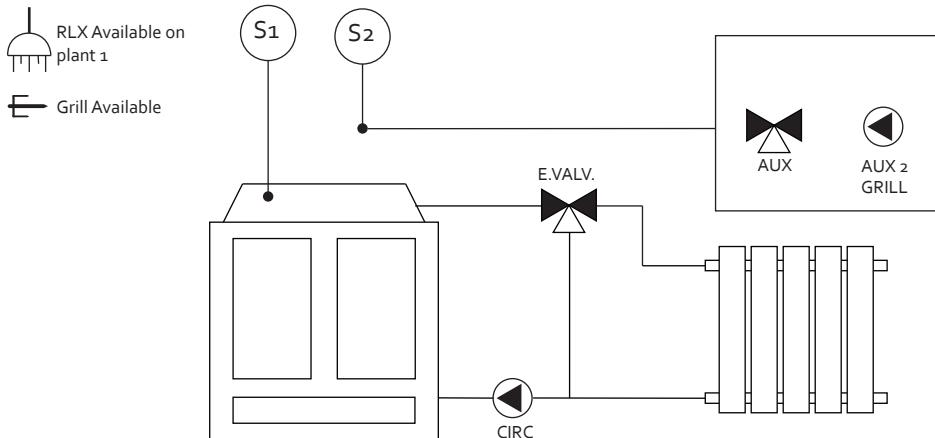
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SYSTEM DUAL PLANT WORKING WITH 2 THERMOSTATS FOR SONDE

PROGRAM Pr10



| Initial | Name | Terminals | | | | |
|---------|--|-----------|--|--|--|--|
| S1 | Fireplace sonde | | | | | |
| S2 | 2° plant sonde | | | | | |
| CIRC | Fireplace pump | | | | | |
| E.VALV. | Diverter or integration solenoid valve | | | | | |
| AUX | 2° plant auxiliary thermostat | | | | | |
| AUX 2 | 2° plant or Grill pump (OU4) | | | | | |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|---------|--|---------|---------|------|
| TP1 | CIRC | Chimney pump thermostat (Imp.1) | 50 | 20-85 | °C |
| TEH | E.VALV. | Solenoid valve thermostat (Imp.1) | 52 | 20-85 | °C |
| TRU | AUX | Thermostat with clean contacts (Imp.2) | 56 | 20-85 | °C |
| TP2 | AUX 2 | Thermostat (Imp.2) | 52 | 20-85 | °C |
| OU4=TER | | Output function AUX 2 thermostat | GRL | GRL-TER | |
| OU4=GRL | | Output function AUX 2 Grill | GRL | GRL-TER | |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF((RLX=ON) OR (FLUSS=CHIUSO)) | RISC=OFF | |
| IF((RLX=OFF) AND (FLUSS=APERTO)) | RISC=ON | |
| IF(S1>=TP1) | | CIRC |
| IF(S1>=TEH) | | E.VALV. |
| IF(S2>=TAU) | | AUX |
| IF((S2>= TP2) AND (OU4=TER)) | | AUX 2 |

Manual TOP RLX

code: 1630

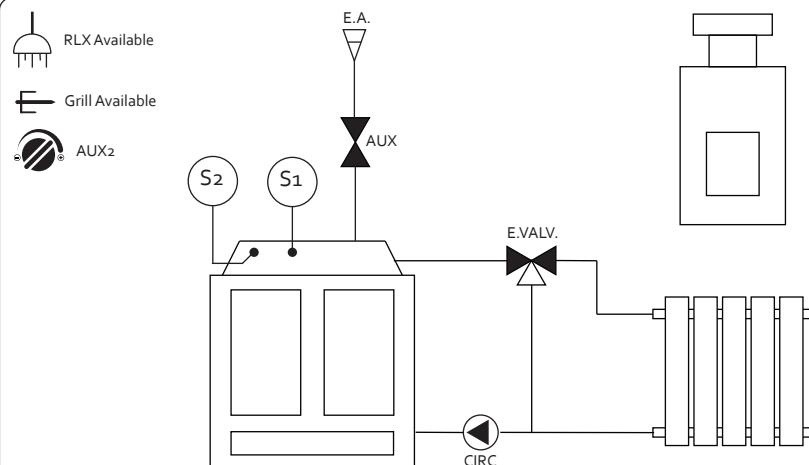
item: 201RLX



Made by: coelte.net

SIMPLE SYSTEM 1 PUMP + 1 EV + THERMOSTAT AUX 2 (OR GRILL) WITH CLOSED LOOP AUTOMATIC FILLING SYSTEM

PROGRAM Pr11



| Initial | Name | Terminals | |
|---------|---------------------------------|----------------|------------------|
| S1 | Fireplace sonde | S1 | LINEA 220 V |
| S2 | Level sonde | S2 | CIRC 220 V |
| CIRC | Fireplace pump | E.VALV. Fon | E.VALV. 220 V |
| E.VALV. | Divertor solenoid valve | Foff | Foff |
| AUX | Filling solenoid valve | Com | AUX |
| AUX 2 | Integration or grill thermostat | NA | NA |
| | | NC | NC |
| | | | AUX2 E- |

PARAMETERS

| Display | Led | Description | Default | Range | Unit |
|---------|---------|---|---------|---------|------|
| TP1 | CIRC | Chimney pump thermostat | 50 | 20-85 | °C |
| TEH | E.VALV. | Sanitary exchange solenoid valve thermostat | 52 | 20-85 | °C |
| | AUX | Filling water solenoid valve thermostat | | | |
| TP2 | AUX 2 | Heating pump thermostat | 52 | 20-85 | °C |
| OU4=TER | | Output function AUX 2 thermostat | GRL | GRL-TER | |
| OU4=GRL | | Output function AUX 2 grill | GRL | GRL-TER | |

PRINCIPLE OF OPERATION

| IF the condition is true, the corresponding output is activated | Logic state | Output |
|---|-------------|---------|
| IF((RLX=ON) OR (FLUSS=CHIUSO)) | RISC=OFF | |
| IF((RLX=OFF) AND (FLUSS=APERTO)) | RISC=ON | |
| IF(S1>=TP1) | | CIRC |
| IF(S1>=TEH) | | E.VALV. |
| IF Level sensor out of the water | | AUX |
| IF[(S1>= TP2) AND (OU4=TER)] | | AUX 2 |