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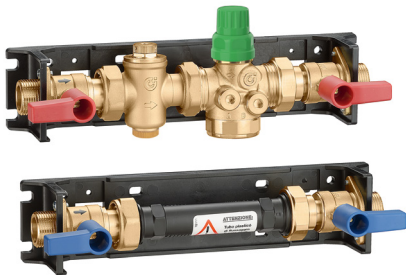# PLURIMOD EASY universal user module with pressure independent control valve (PICV) - Fitted for heat metering

Code 700255 ...

Code	Flow rate range
700255 H20	20–200 l/h
700255 H40	80–400 l/h
700255 1H2	120–1200 l/h

Technical specifications

Materials: Body: brass EN 12164 CW602N EN 12165 CW602N
Spacer: technopolymer (T max 55°C)

Performance: Max. working pressure: 10 bar
Working temperature range: 3÷90°C
Medium:water, glycol solutions max 30%
Connections: 3/4" M

The module includes:

1 - Strainer + connection for M10 immersion temperature probe
2 - Spacer template for DN20 heat meter (130 mm length)
3 - PICV control valve
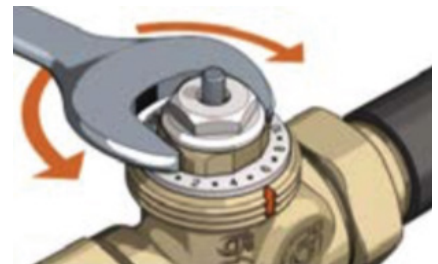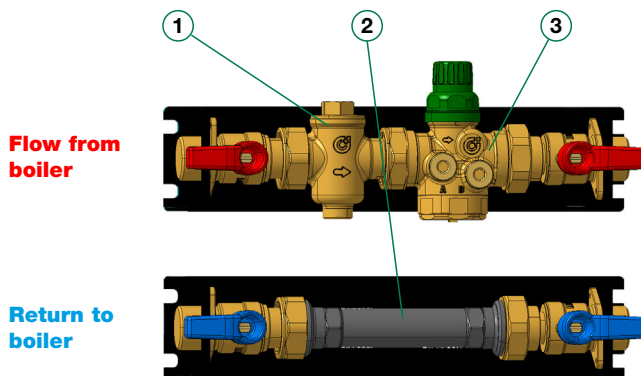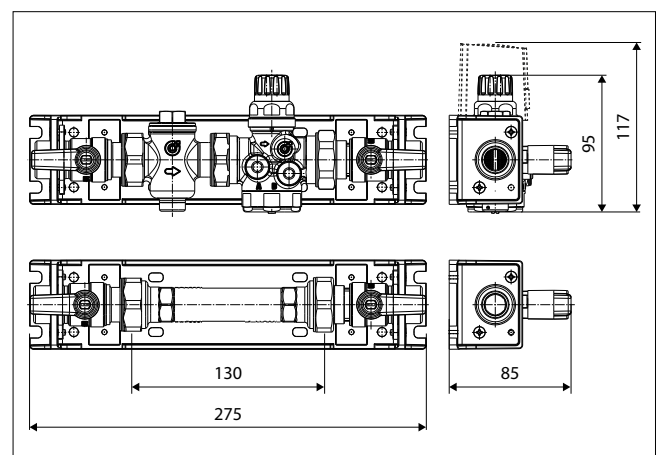
Setting of the flow rate
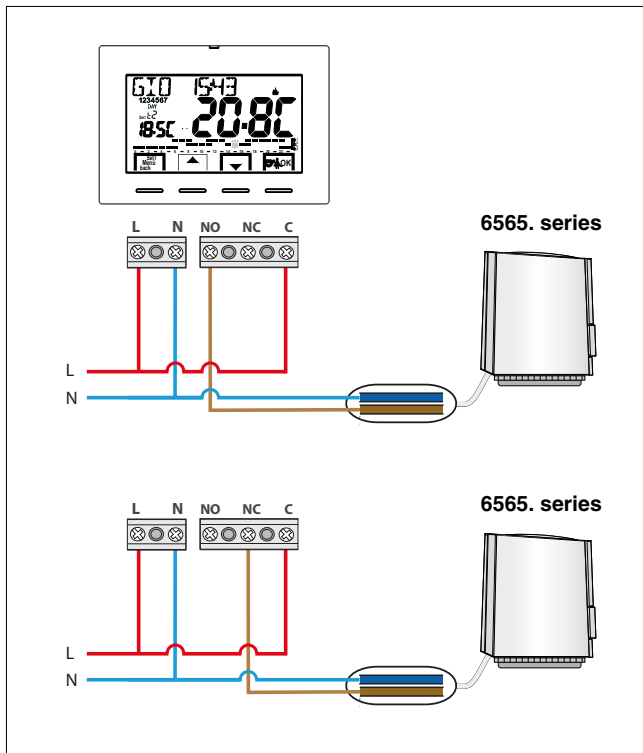
By manually unscrewing the protection cap, you can access the flow adjustment ring using an open-end wrench.
The ring is attached to a graduated scale up to 10.
Each graduation corresponds to 1 / 10th of the maximum flow rate, also indicated on the ring.
Turn the ring to the number corresponding to the desired flow rate value, using the table below.
The notch on the valve body serves as a positioning reference.

Code ring color/range Q		Position of the pre-setting									
		1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
700255 H20 ○ 0,02÷0,20 m³/h	Flow rate (m³/h)	0,02	0,04	0,06	0,08	0,10	0,12	0,14	0,16	0,18	0,20
	Δp min (kPa)	25	25	25	25	25	25	25,5	25,5	25,5	25,5
700255 H40 ○ 0,08÷0,40 m³/h	Flow rate (m³/h)	-	0,08	0,12	0,16	0,2	0,24	0,28	0,32	0,36	0,40
	Δp min (kPa)	-	25	25,5	26	26	26,5	26,5	27	27	27
700255 1H2 ● 0,12÷1,20 m³/h	Flow rate (m³/h)	0,12	0,24	0,36	0,48	0,6	0,72	0,84	0,96	1,08	1,2
	Δp min (kPa)	25	25	25,5	26	26	26,5	26,5	27	27,5	28

Dimensions

Flow from boiler

Return to boiler

Thermo-electric actuator

Electric supply:	24 Vac or 230 V (~)
Max inrush current:	550 mA for max. 100 ms
Running power consumption:	1 W
Actuating time:	max 240 s
Supply cable length:	1 m

CE

Code	Tension V	
656502	230	Normally closed
656504	24	Normally closed
656602	230	Normally opened
656604	24	Normally opened

Connection of the room thermostat

Connection of the room thermostat code 738427 to the thermo-electric head.

Copper spacer template T max. 90 °C for replacing of the plastic one

Code	
R79112	Copper spacer, length 130 mm

Adapters for DN15 heat meter (length 110 mm)

Code	
700059	Adapters for DN15 heat meter

Mounting of the heat meter and maintenance
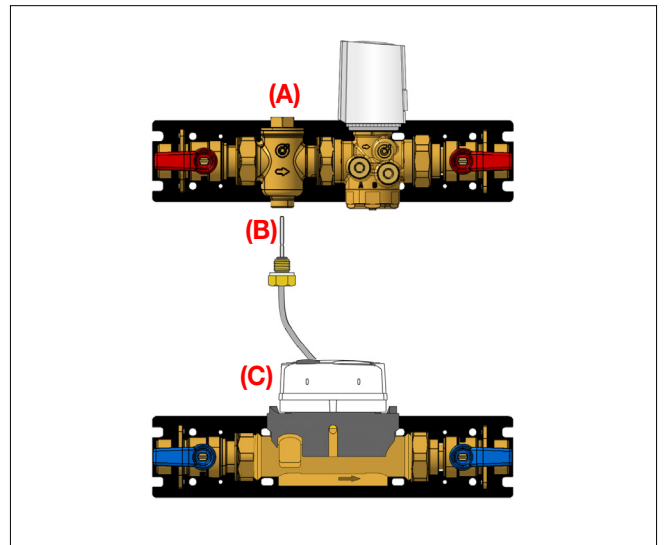
(A) Cleaning the strainer
By unscrewing the cap (A), you can easily access the filter to clean periodically, without intervening on the flow sensor.

(B) Installation of the flow sensor
The location (B) allows to insert a temperature probe on the flow.

(C) Installation of the heat meter
By removing spacer template (C), you can install a heat meter with a center distance of 130 mm and integrated return temperature sensor.