

Technical Data Sheet

Thermostatic Heads



28/02/2018

TT3051 - TT3061



Function

Thermostatic heads with built-in control and remote sensor may be installed on any Luxor thermostatic valve.

This kind of heads is usually employed in fixed point heating systems where the fluid heat carrier flowing through the radiant panels has to be kept constant. The immersion remote sensor is put in a probe housing and placed so as to be constantly immersed in the fluid. According to the values it measures, the sensor actuates the obturator of the valve and opens or closes it so as to guarantee the set temperature.

Technical data

Max. working pressure:	10 bar
Max. differential pressure:	1 bar
Max. working temperature:	120 °C
Temperature range of adjustment:	20 ÷ 65 °C
Stroke of sensor:	0.105 mm/K
Inalterability range:	-15 °C ÷ +60 °C
Length of capillary:	2m
Working fluids:	Water in compliance with UNI 8065:1989

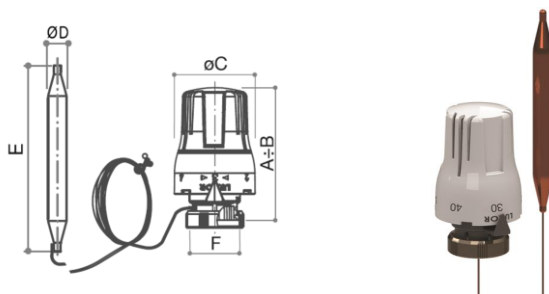
Materials

Sensor:	Liquid
Head:	RAL9016 white ABS
Collar:	CW 614 N UNI-EN 12164-2016
Housing:	CW 614 N UNI-EN 12164-2016
Gaskets:	Peroxide cured EPDM

Dimensional Drawings

TT 3051

Thermostatic head for underfloor heating with remote probe.

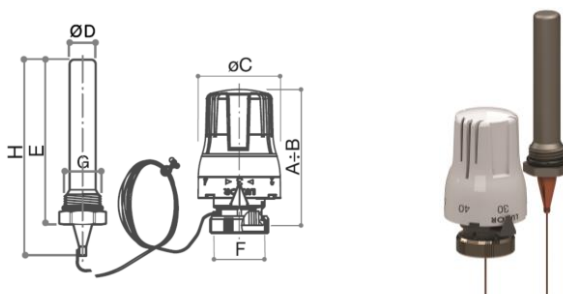


Code	Size	A	B	C	D	E
69100005	-	80	75	47	11	110

Code	Size	F	G	H	L
69100005	-	M30x1,5	-	-	-

TT 3061

Thermostatic head for underfloor heating with G1/2 M housing for remote probe.



Code	Size	A	B	C	D	E
69100006	-	80	75	47	15	95

Code	Size	F	G	H	L
69100006	-	M30x1,5	G1/2	110	-

PS 540

Probe housing.



Code	Size	C	D	E	F	G
9446950	G 1/2	-	15	95	-	G1/2

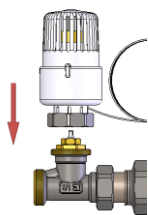
DT 242

Probe fastening device for art. TT 3051



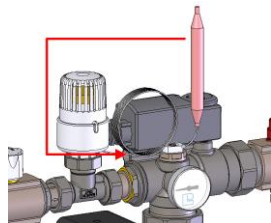
Code	Size	A	B	C	D	E
69010500	-	-	-	-	-	-

Working Instructions



How to install the thermostatic head for fixed point heating:

- Remove the protection cap from the thermostatic valve.
- Set the head to the maximum value so as to facilitate the installation and screw the head to the valve.



- Place the bulb of the head in the most suitable location.

Item Specifications

TT 3051

Low thermal inertia thermostatic head with built-in control and remote probe. Length of capillary 2 metres. Expandable liquid thermostatic element. Adjustment range 20°C to 65°C. Connection to valve screw via M30x1,5 collar. Possibility to limit and block the temperature.

TT 3061

Low thermal inertia thermostatic head with built-in control and remote probe. Length of capillary 2 metres. Expandable liquid thermostatic element. Adjustment range 20°C to 65°C. Connection to valve screw via M30x1,5 collar. Possibility to limit and block the temperature. Probe housing included.



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