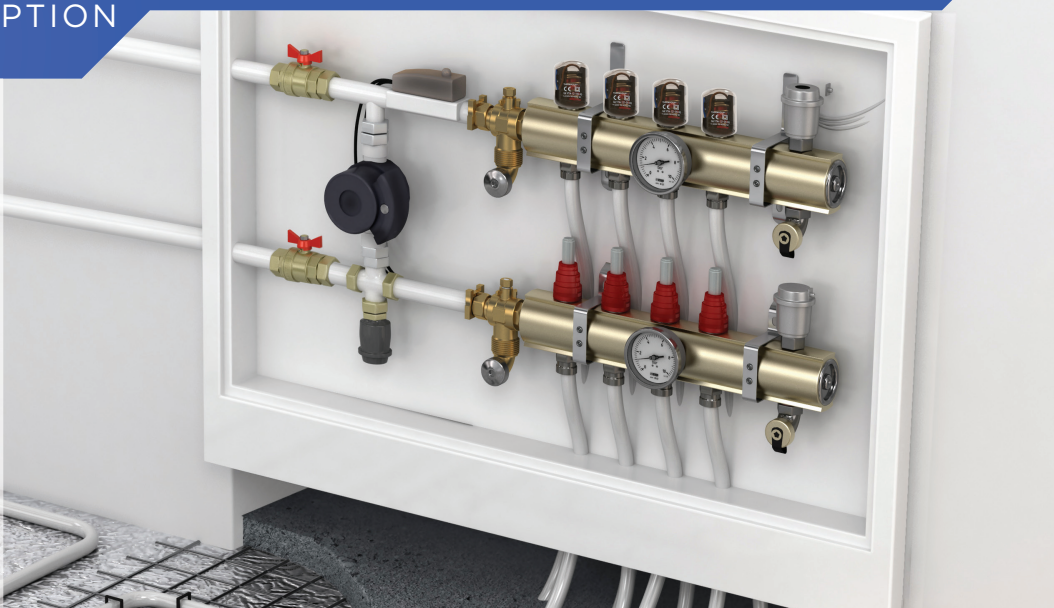


LOW POWER CONSUMPTION
COMPACT DESIGN



AET LPC 4.5

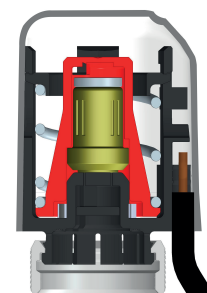


A NEW & OPTIMIZED SOLUTION

AET LPC 4.5 is the new generation of Vernet Low Power Consumption Thermo-Electric Actuators. The smallest in the range, it has an optimised design to efficiently actuate a heating valve.

Vernet Actuators are **thermostatic wax elements with ceramic discs**. They control temperature by **transforming electrical energy into force and movement** thanks to the wax expansion and contraction.

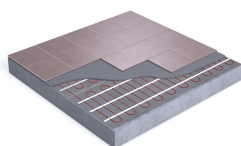
The energy is **supplied by a 24 or 230 Volts** PTC heater (Positive Temperature Coefficient resistor).



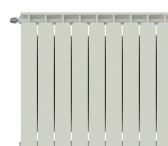
MAIN ADVANTAGES

- / **Energy saving**
20% better than classical products
- / **Compact size**
The smallest of the range
- / **Silent movement**
Perfect for comfort applications
- / **Vernet wax element inside**
The smartest investment

APPLICATIONS



Underfloor, Wall and Ceiling Heating / Cooling Systems

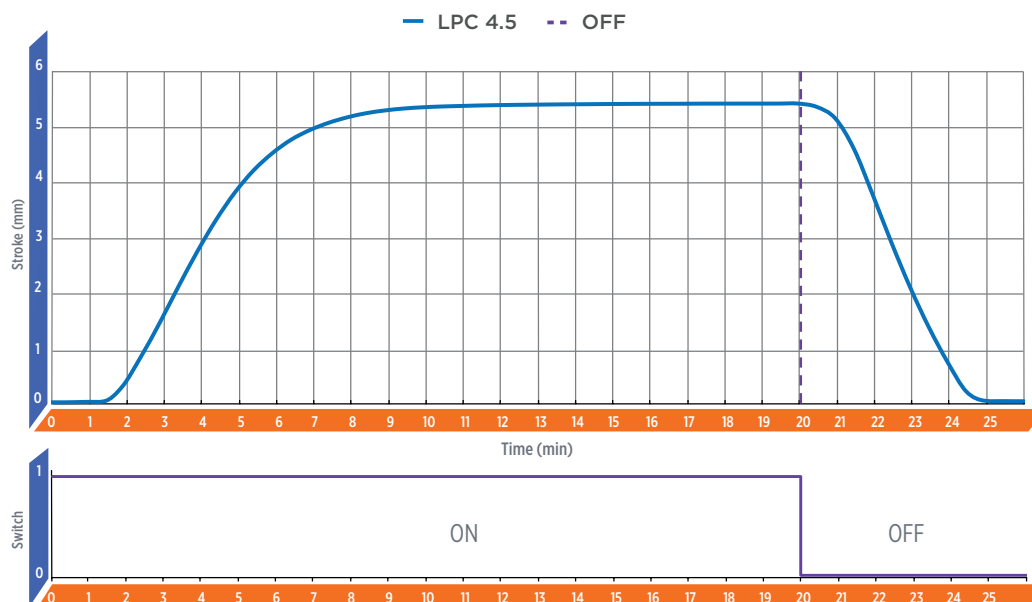


Radiators

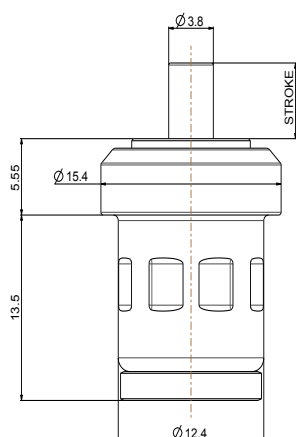


Valve Controls

OPERATING CURVE



DIMENSIONS (in mm)



TECHNICAL INFORMATIONS

Operating voltage	24V, 230V
Power consumption	< 1w
Ambient operating temperature	Up to 60°C
Stroke	5.5mm
Stroke after endurance (100 000 cycles)	4.5mm
Minimum load	40N
Maximum load	200N
Response time	Start to move: approx. 2 min 2/3 stroke: approx. 3 min

Technical drawings are available on request