



The hybrid surface heating system concealed under plaster (1,5 cm) has been designed on the basis of many years of research on the use of the active radiator technology in heating applications. 3THERMO eliminates all the current disadvantages of wall heating solutions:

- the water is not introduced under the plaster,
- has the lowest inertia among all surface heating systems,
- no specialist plasters are required,
- is safe in use and easy to install,
- improves the central heating system hydraulics, reducing the flow resistance and the amount of heating water,
- has high heating power,
- the thermal resistance to the interior is minimised.

### Technical parameters of the 3THERMO radiator

Material	Alloy	EN AW - 6060T6
	Dimensional tolerances	PN - EN 755-9
	Mechanical properties	PN - EN 755-9
	Chemical composition	PN - EN 573-2
Radiator core thickness		8,5 mm
Radiator core width		30 mm
Radiator core length		1655 mm
Internal diameter of the water manifold		12 mm
External diameter of the water manifold		27 × 18 mm
Water manifold width		440 mm

Water connection (nipple connector)		TECEflex 13,5x2.0
Radiator dimensions (aluminium mesh)		width 600 mm (+/- 5 mm) height 1680 mm (+/- 30 mm)
Radiator weight		1,38 kg
Water capacity		50 ml (0,05 L)
Operating temperature range		PN - EN 442-1:2015-02
Alloy thermal capacity		0,896 J/(g°C)
Alloy thermal conductivity		210 W/mK

Technical approval ITB AT-15-9651/2016