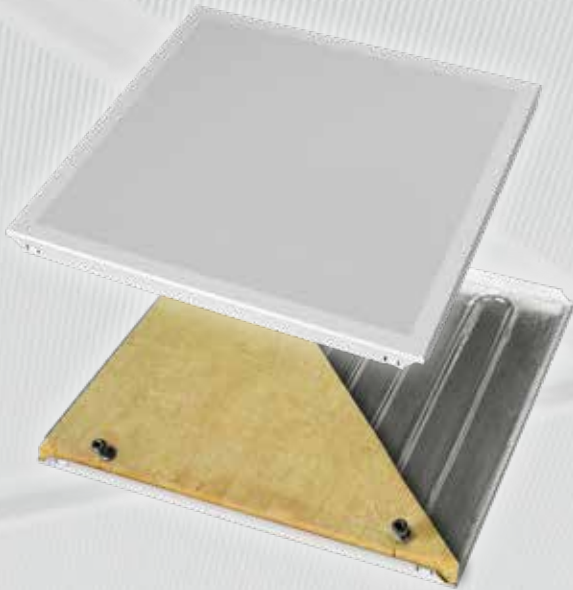


600X600 COPPER 8 METAL RADIANT PANEL WITH GLASS WOOL INSULATION



High output Copper 8 radiant panel, size 600x600 mm, or ceiling mounting on hidden modular structure. It consists in 5/10 steel post-painted (RAL 9016) tiles with a swinging ("trap-door") opening system, with micro-perforated surface, plain border of 30 mm and bevelled edge. The panel is fixed by means of an aluminium diffuser to the Ø 8 mm copper pipe, equipped with push-fit fittings and suitably shaped with a flattened elliptical design to increase the thermal output. The ceiling tile is available either with glass wool insulation (reaction to fire classification: A1). Panel size with glass wool: 600x600x40 mm.



Copper 8 metal radiant panel	Weight (Kg)	Code
600x600 Copper 8 metal radiant panel	2.6	6145625

Thermal performance			
Features	Value	Unit	Standard
Heating (Δt : 15K)	120	W/m ²	DIN EN 14037
Cooling (Δt : 8K)	91	W/m ²	DIN EN 14240

Plafond			
Features	Value	Unit	Standard
Type	Bevelled-edge panel with trap-door opening		
Material	Post-painted steel		
Length	600	mm	
Width	600	mm	
Height	27	mm	
Thickness	0.5	mm	
Emission of dangerous substances	nothing		EN 13964
Bending resistance	class 1		
Duration	class C		

Glass Wool Panel			
Features	Value	Unit	Standard
Size of the panel	596x596	mm	UNI EN 822
Standard thickness	30	mm	UNI EN 823
Density	30	Kg / m ³	
Thermal conductivity at 50°C	λ 0.039	W/(m · K)	
Water vapour diffusion resistance factor	μ Limitless from a practical point of view		UNI EN 12086
Melting temperature	900	°C	DIN 4102/T17
Specific heat	1030	kJ/kg K	EN 12524
Reaction to fire	Euroclass A1		UNI EN 13501
Limit of operating temperature	≤ 250	°C	

Pipe		
Features	Value	Unit
Material	EN 12735-2 Annealed Copper Cu-DHP CW24A EN 12735-2 Light Y040	
Diameter	8	mm
Thickness	0.75	mm
Circuit length	4360	mm

Diffuser		
Features	Value	Unit
Material	Aluminium	
Length	580	mm
Width	580	mm

