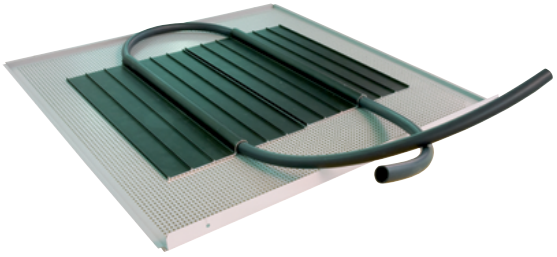
# K6A PANEL FOR RADIANT CEILING INSTALLATION ON EXPOSED T-SHAPED SUPPORT STRUCTURE WITH 24 mm BASE - GK PSV SERIES



K6A

## Description

K6A is a painted steel sheet for installation on exposed T-shaped support structure with 24 mm base for 600x600 mm modular false-ceilings.
K6A is an active panel equipped with n.2 220 mm thermal anodized aluminium diffusers factory-glued to the panels. The hydraulic circuit is made by a 16x1,5 mm plastic pipe with anti-oxygen barrier. Thermal insulation needs may be satisfied using the K820 polyester fibre thermoacoustic panel.

## Versions and product code

| Product code | Panel finish | Color | Activation | Module [mm] | Dimensions [mm] |
|---|---|---|---|---|---|
| K6AX300 | micro-holes R2516 | white RAL9003 | Type A220, 2 diffusers | 600 x 600 | 575 x 575 |
| K6LAX300 | smooth | white RAL9003 | Type A220, 2 diffusers | 600 x 600 | 575 x 575 |
| K6AX200 | micro-holes R2516 | silver RAL9006 | Type A220, 2 diffusers | 600 x 600 | 575 x 575 |
| K6LAX200 | smooth | silver RAL9006 | Type A220, 2 diffusers | 600 x 600 | 575 x 575 |

### Optionals and spare parts

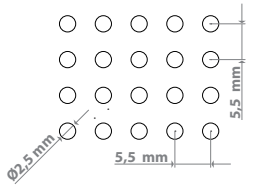
**K820:** polyester fibre thermoacoustic panel (optional)
**PGK06X002:** metal suspension wire (spare part)
**RC900:** reinforcement bush for plastic pipes (spare part)

## Technical data

- A220 activation (2 anodized aluminium thermal diffusers)
- Anchoring to T-shaped support structure
- Piping: 16x1,5 mm plastic material with BAO
- Panel: 6/10 galvanized steel
- Panel dimensions: 575x575 mm and 0,6 mm thick
- False-ceiling module: 600x600 mm
- Fire reaction class: 0
- Kv = 2,30
- Panel water content: 0,31 l

### Standard micro-holes

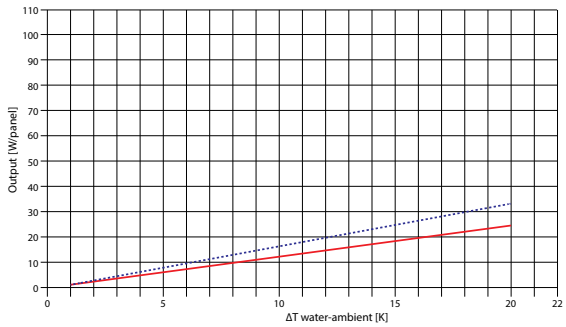
Available as smooth and with micro-holes; the latter presents 2,5 mm micro-holes on the entire surface, except for a 15 mm wide perimetral area (16 % micro-holes).




### Nominal output

- Heating (according to EN14037): 46,3 W/m² with a 10 K water-ambient ΔT.
- Cooling (according to EN14240): 44,1 W/m² with 8K water-ambient ΔT.

Note.
Output for single panel compliant with tests in thermostatic chamber according to EN14240 and EN14037.

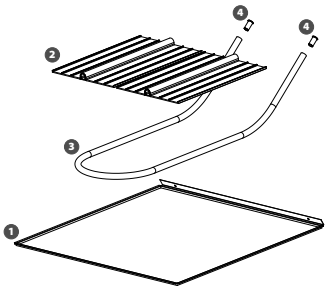



Legend

| Heating | Cooling |
|---|---|

### A220 activation

Active panels are equipped with n. 2 220x350 mm factory-glued thermal diffusers. RC900 reinforcement bushes are already inserted in the piping end.

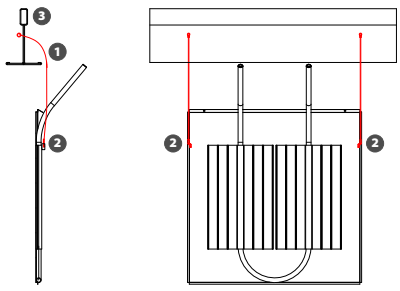



Legend

| | |
|---|---|
| 1 | 6/10 galvanized steel panel |
| 2 | 220x350 mm anodized aluminium thermal diffusers |
| 3 | 16x1,5 mm plastic piping with BAO |
| 4 | RC900 reinforcement bush |

### Anchoring to T-shaped support structure

The panel provides for connection of two PGK suspension wires to be anchored to the T-shaped support structure during assembly. The panel can be detached and left hanging from the two suspension wires to access the false-ceiling and plenum for inspection or maintenance of other installations also when the system is running.




Legend

| | |
|---|---|
| 1 | Metal suspension wire |
| 2 | Reinforced tab for wire fitting |
| 3 | T-shaped support profile |

## Connection

Panel-panel and panel-manifold connections are fitted with RC push-fittings and a 16x1,5 mm plastic pipe (R986-1 series).

RC102X007 (16 x 16 mm)

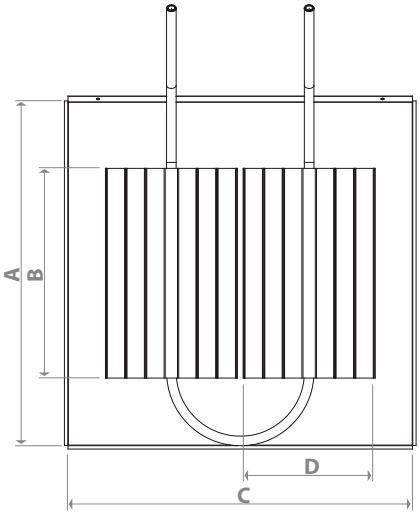
RC122X007 (16 x 16 mm)

R986SY120 (16 x 1,5 mm)

RC900Y016 (16 x 1,5 mm)

**Warning.**
RC push-fittings connections are irreversible. The plastic pipe end section must be fitted with an RC900 reinforcement bush before inserting the RC fitting.

## Dimensions




| A [mm] | B [mm] | C [mm] | D [mm] |
|---|---|---|---|
| 575 | 350 | 575 | 220 |

## Product specifications

**K6A**

Galvanized and painted 6/10 steel active panel sheet for installation on exposed T-shaped support structures with 24 mm base. Activation consisting of two 220x350 mm anodized aluminium thermal diffusers. 16x1,5 mm plastic pipe hydraulic circuit with anti-oxygen barrier. Smooth or with micro-holes. Panels can be suspended by two wires fitted to the T-shaped support structure. Dimensions: 575x575 mm.