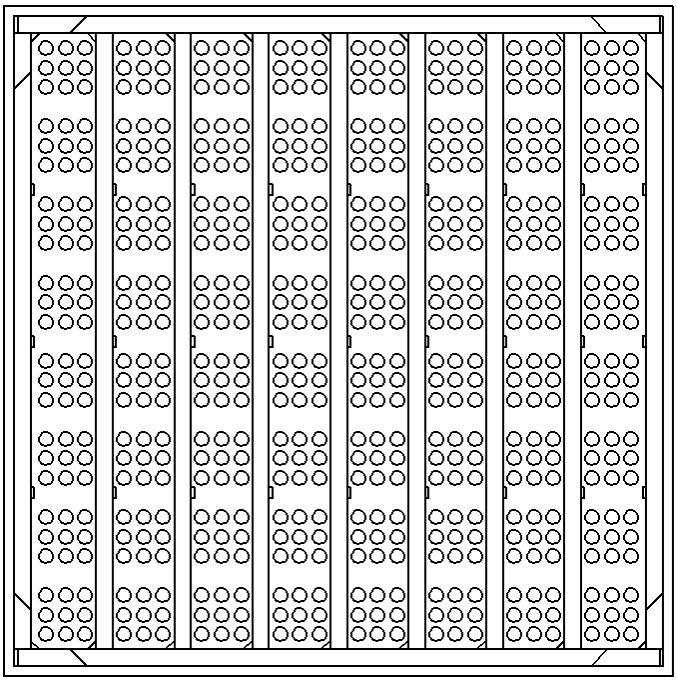
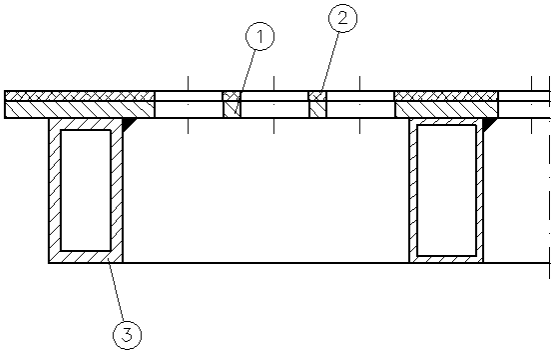
Product data sheet	Type LPL 24-RR30-3	Air conditioning panels

System sketch:





1 perforated steel sheet
2 floor covering
3 load bearing tube construction

Panel:

Dimensions:	600 x 600 mm
Panel thickness:	Depending on floor system
Panel weight:	~ 15,1 kg (without covering)
Panel material:	Steel, conductive powder coated

Air conditioning data:

Perforation:	576 circular holes
Free airflow:	~ 24 % (circular holes ∅ ~ 13,7 mm)
Air volume:	~ 1.100 m³/h per panel at pressure drop of 10 Pa
Damper:	possible

Load values:*

Concentrated load:	5.000 N
Tested acc. to DIN EN 12825:	Class 5

Electrostatic: (DIN EN 1081; DIN 54345)

Depending on floor covering	R_2 or $R_{EF} > 10^5$ Ohm

Fire protection: (DIN 4102)

Building material class:	A1

* The load values are depending on the test conditions, decisive is the mock-up and the size of the pressure stamp.

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Volume pressure
Air conditioning panel ~ 24% with and without airflow control (AC)