

## **Automatic regulated air volume steel panel for raised floors**

Delivery and assembly of raised floor tile for precise regulated air volumes for server racks.

The raised floor panels made of steel with a free surface of 39% are conductive, powder coated and equipped with a regulation device at the bottom of the panel.

The regulation is automatic changing depending on the temperature development in the server rack and the therefore pre set parameters. The control of the panel is being executed by the central control unit which is specified separately. The ventilation panels must be compatible with standard raised floor panels raster of 600x600 mm. Existing installations must be flexible and able to be retrofitted.

The raised floor covering, when finished, part of the raised floor is specified separately.

The installation must be according to the test and classification of raised floors (DIN EN 12825 raised floors and DIN EN 13213 cavity floors)

Dimension of panel: 600 x 600 mm  
Thicknes of panel: 38 mm  
Pointload acc. DIN EN 12825: 5 kN  
Conductiveness: < 10<sup>8</sup> Ohm  
Conections: 2 x RS 232, 1 x Temperaturesensor  
Voltage: 6 V  
Power: 0.24 W  
Leading brandt: Weiss, EcoLogic Panel or similar

**Pcs**

**SP.....**

**TP.....**

### **Specification of central control unit for pos. Xxx**

Delivery and assembly as well as configuration of central control unit in combination with the above specified panels (EcoLogic Panel)

The control unit has the dimension 48.6 mm (19") and 44.45 mm (1U) and is containing a power supply unit (24 V; 1A) sufficient to supply up to 100 panels.  
Dimensions: 482.6 mm (19") x 300 mm x 44.45 mm (1U)

Voltage 220 V in ; 6 V out

Connectors: 2 x RS 232, 5 x RJ 45

**Pcs**

**SP.....**

**TP.....**

**Specification Temperature Sensor**

Delivery of shielded temperature sensors

Assembly to the specified ventilation panels in Pos. Xxx

Length of cable: 3m

Measuring tolerance +/- 0.1° C

**Pcs**

**SP.....**

**TP.....**

**Specification of cover for Pos. Xxx**

Type of cover

**Pcs**

**SP.....**

**TP.....**

