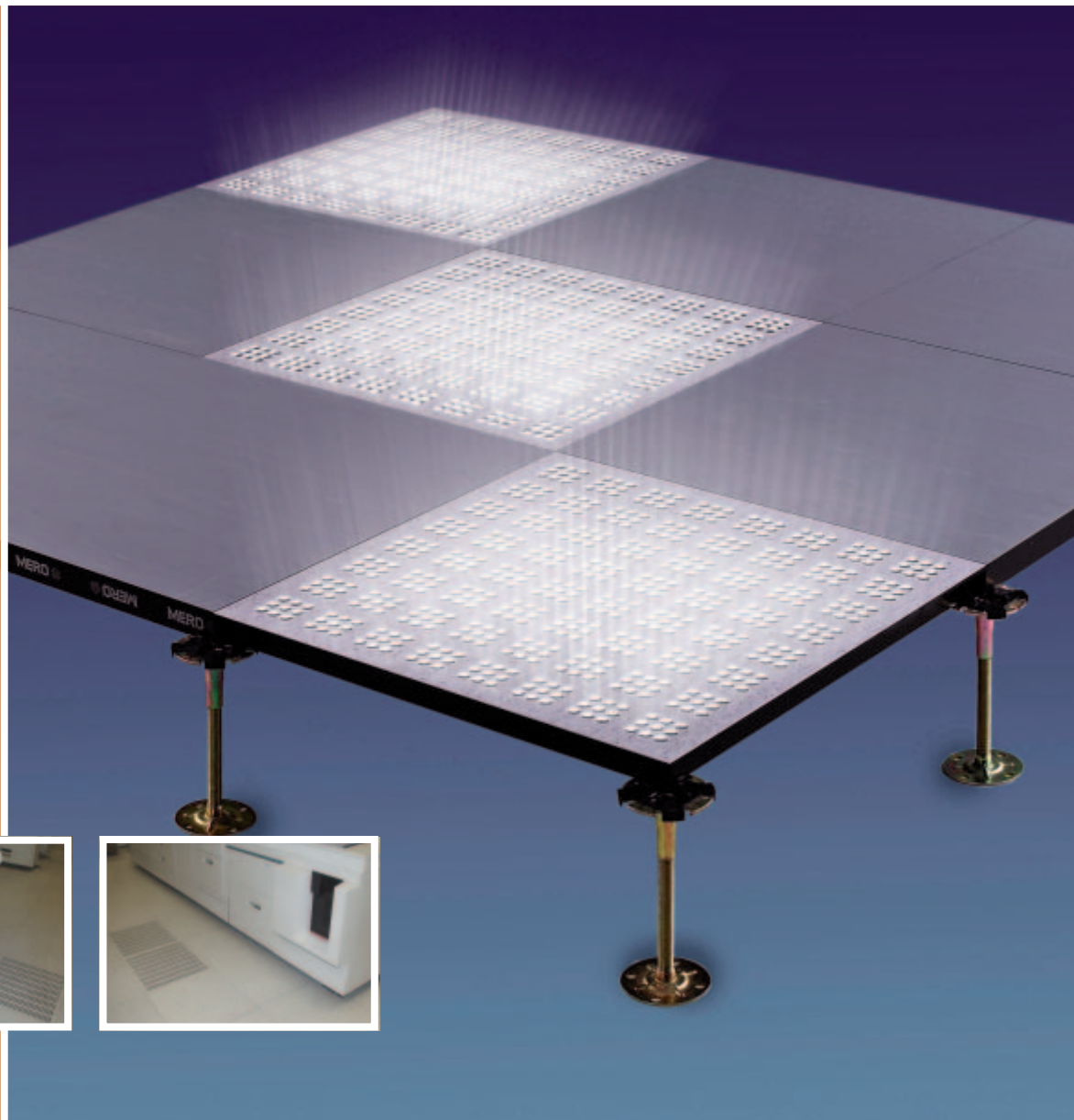


MERO Access Floor / Air Conditioning Panels

Innovative solutions out of one hand

Development
Consulting
Planning
Manufacturing
Installation

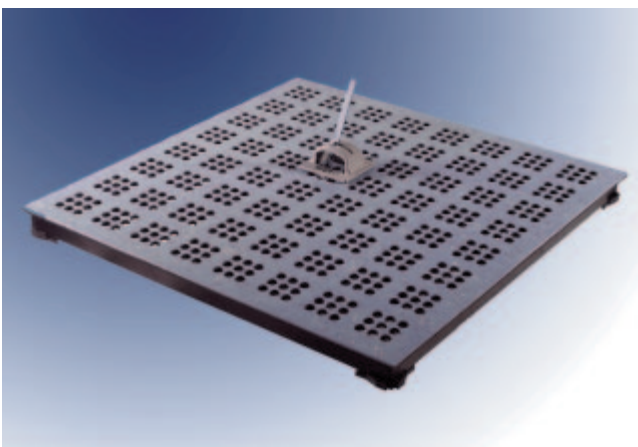
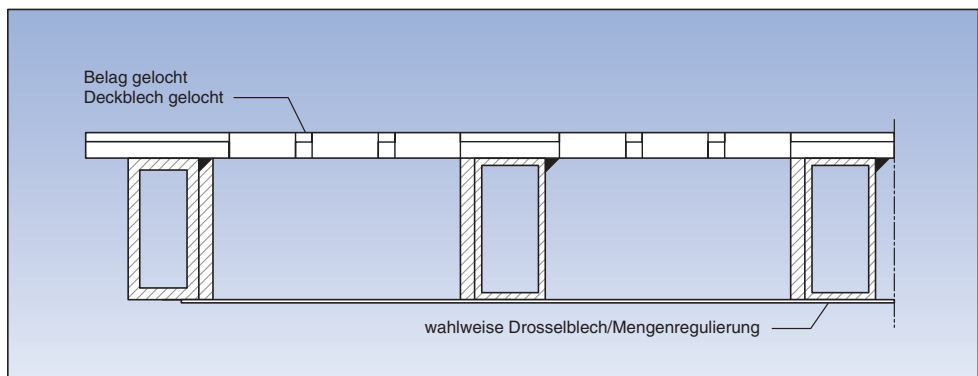
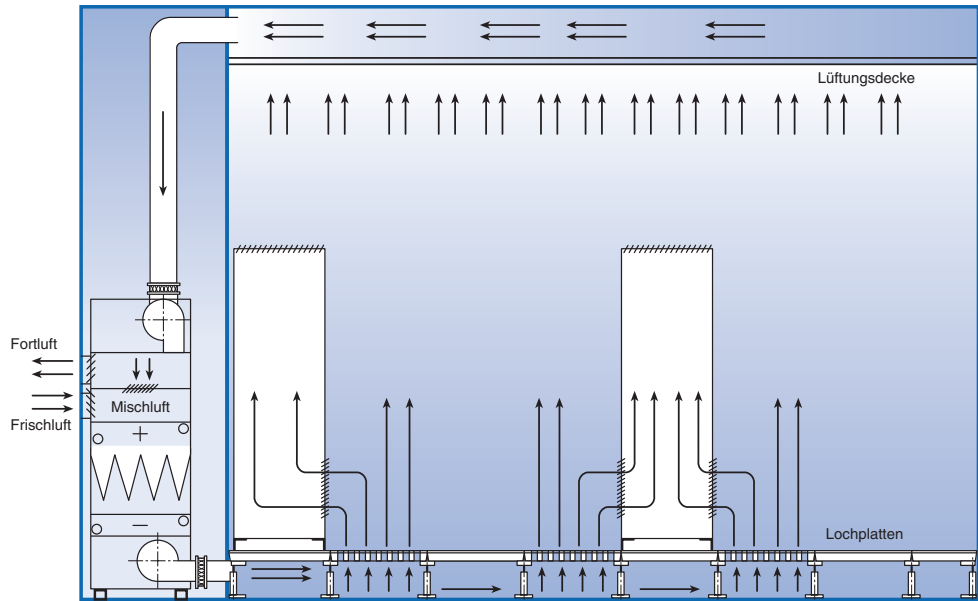
Access floor
Hollow floor
Floor covering and
Installation
Services



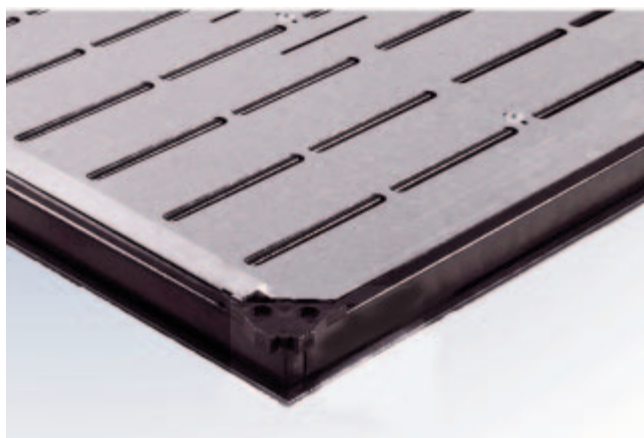
MERO Air conditioning panels

Air conditioning for rooms and machines

The use of the cavity as an air plenum - allowing air in through the access floor - is ideal for improving the quality of ventilation in data processing centers and offices. This air-conditioning process takes advantage of the natural reactions of warmed air. Exhaust air is absorbed directly through the ceiling without causing any drafts, even when large quantities of air are extracted. Special arrangement of the air conditioning panels makes it possible to adjust the panels to the specific air conditioning requirements of any room.



Air conditioning panel with gradual air flow control from the top

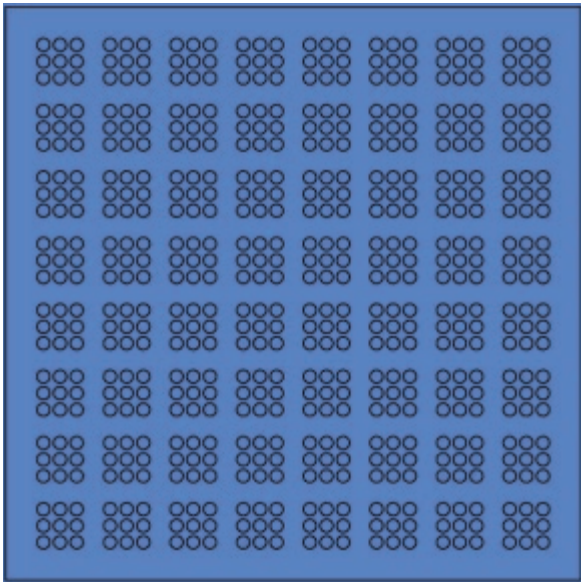


Air conditioning panel with gradual air flow control from the bottom

MERO air conditioning panel

The MERO air conditioning panel consists of a welded and conductive powder coated frame of steel tubes and a covering sheet. The standard program consists of panels with free airflow from 16% to 40%. They can be provided with elastic floor coverings as well as needle felt carpet suitable for access floors.

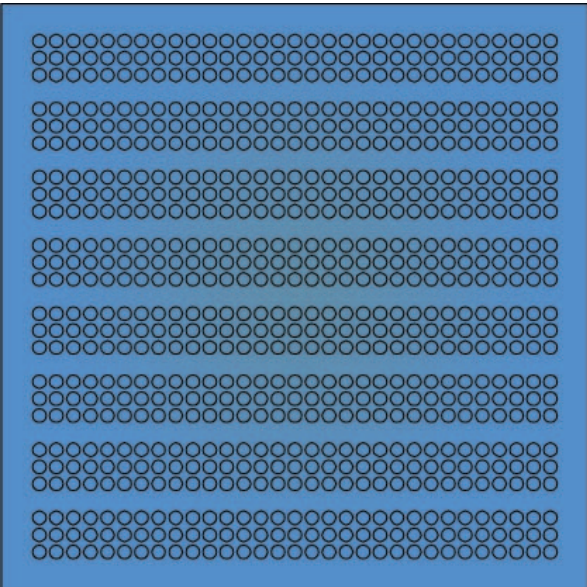
Module:	600 x 600 mm
Material:	steel, conductive powder coated
Building material class:	A1
Concentrated load acc. to:	DIN EN 12.825: 5.000 N – load step 5



Free airflow (FQ) of MERO air conditioning panel

FQ: 16% or 24%

Panel thickness (without covering):	33 mm a/c panel can be combined with all access floor systems
Weight:	15.9 kg/unit or 15.1 kg/unit
Gradual air flow control:	possible
Blade damper:	2.96% or 7.10%

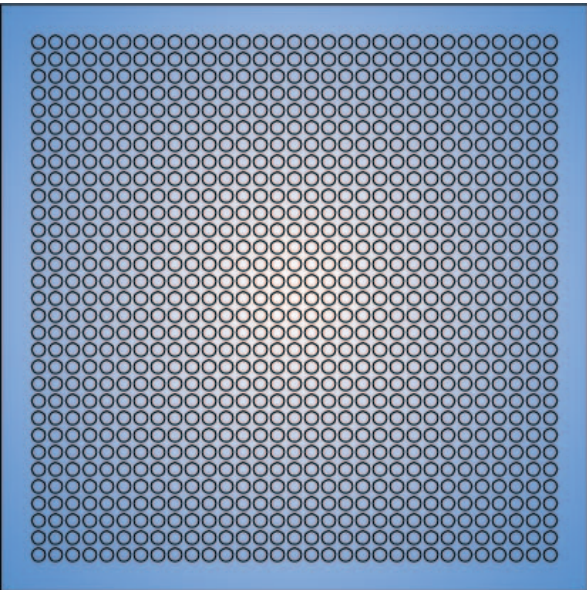


FQ: 32%

Panel thickness (without covering):	33 mm a/c panel can be combined with all access floor systems
Weight:	14.3 kg/unit
Gradual air flow control:	possible
Blade damper:	2.96% or 7.10%

FQ: 40%

Panel thickness (without covering):	44 mm
Weight:	20.3 kg/unit
Gradual air flow control:	not possible
Blade damper:	not possible



Air conditioning panels for cleanrooms

Our air conditioning panels are also used in clean rooms.

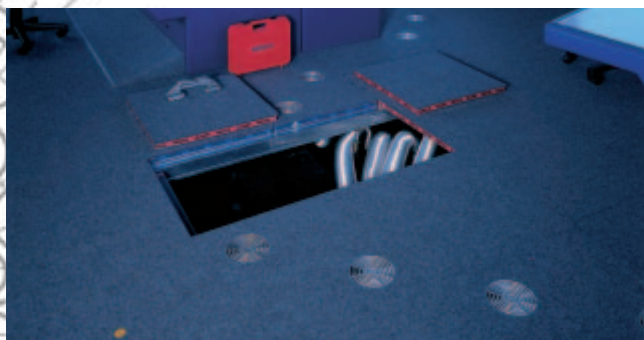
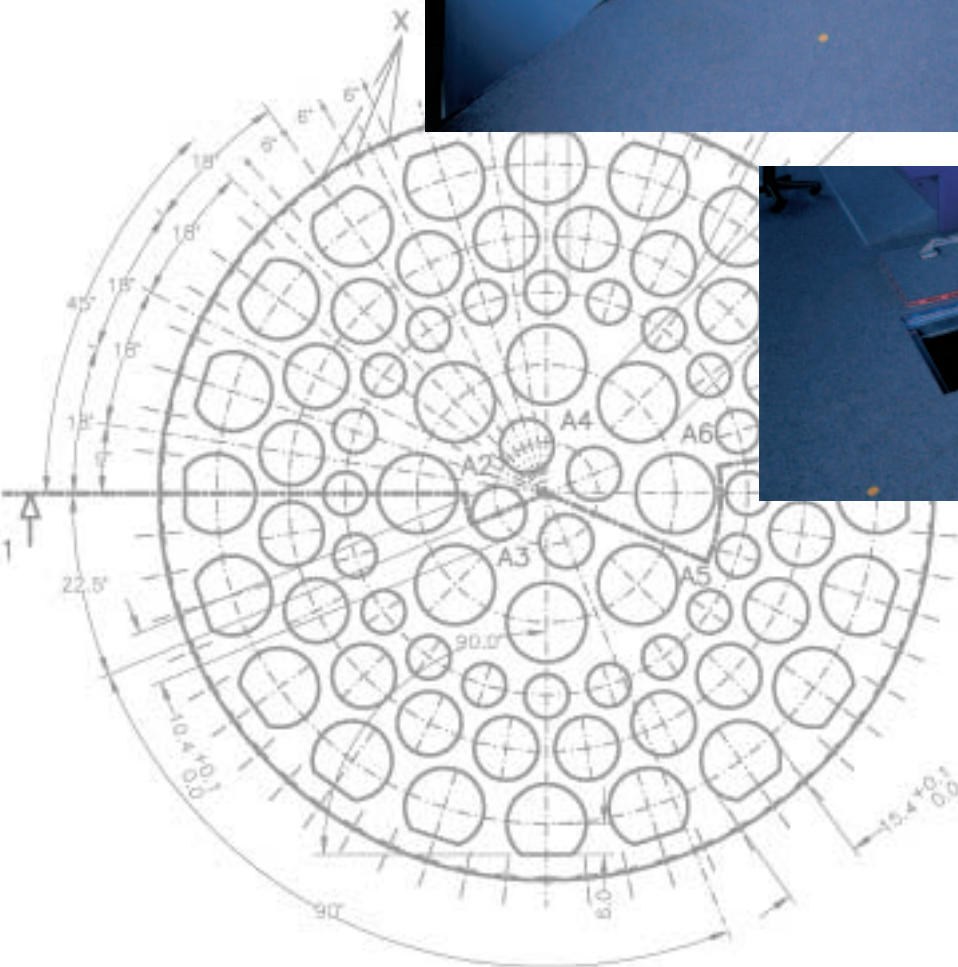
MERO air circulation from bottom to top

This air conditioning system, in which the access floor provides for ventilation, has proved its worth in all kinds of rooms for meetings, assemblies and conferences.

MERO Access Floor / Air conditioning panel

MERO floor panel with air outlets

The MERO air outlets are made of high quality plastic material and are mostly used in office areas. Up to four MERO air outlets can be installed in one floor panel. The necessary cut-outs are made in our factory. The free section of an air outlet is 85 cm² and therefore, suitable for the supply of almost draft-free air. Due to the different "diameters of the holes" an optimal air whirling is produced. On request, air outlets can also be provided with dust basket or air flow control.



For further information please do not hesitate to contact us.

MERO GmbH & Co.KG
Floor System Division
Lauber Strasse 7
D-97357 Prichsenstadt
Germany
Phone: +49(0)9383/203-0
Fax: +49(0)9383/203-369
E-mail: rvertrieb@mero.de
Internet: www.mero.de
www.bodensysteme.de