

Pfannenberg Air Duct System for top mounted cooling units

NEW

PAD: Pfannenberg Air Duct System in combination with top mounted cooling units is designed to serve applications with limited space in the enclosure.

Installation frame

Sturdy frame for quick and easy installation of top mounted cooling units.

Industrial standard

The frame is made of steel with powder coating to meet industrial standards.

Flexible

Air hose offers very flexible positioning of exhaust.

Long air tube

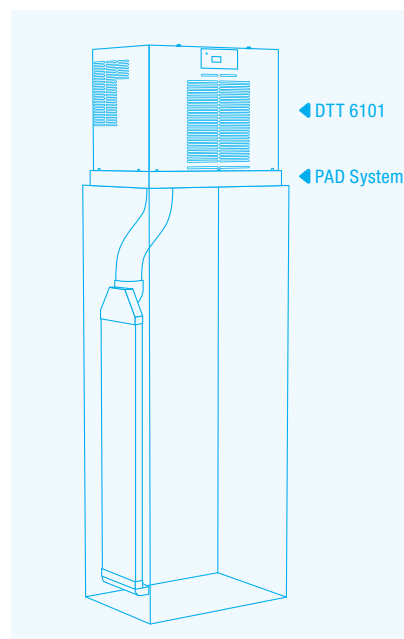
Allows easy delivery of cool air to the very bottom of the electrical enclosure, if the free airstream to the bottom is blocked.

Optimal cooling

The system provides an optimal air distribution in the whole enclosure.

Improved convection

Cooling from bottom to top supports the natural convection of warm air.



Application example with top mounted cooling unit DTT 6101 and PAD System Size 1

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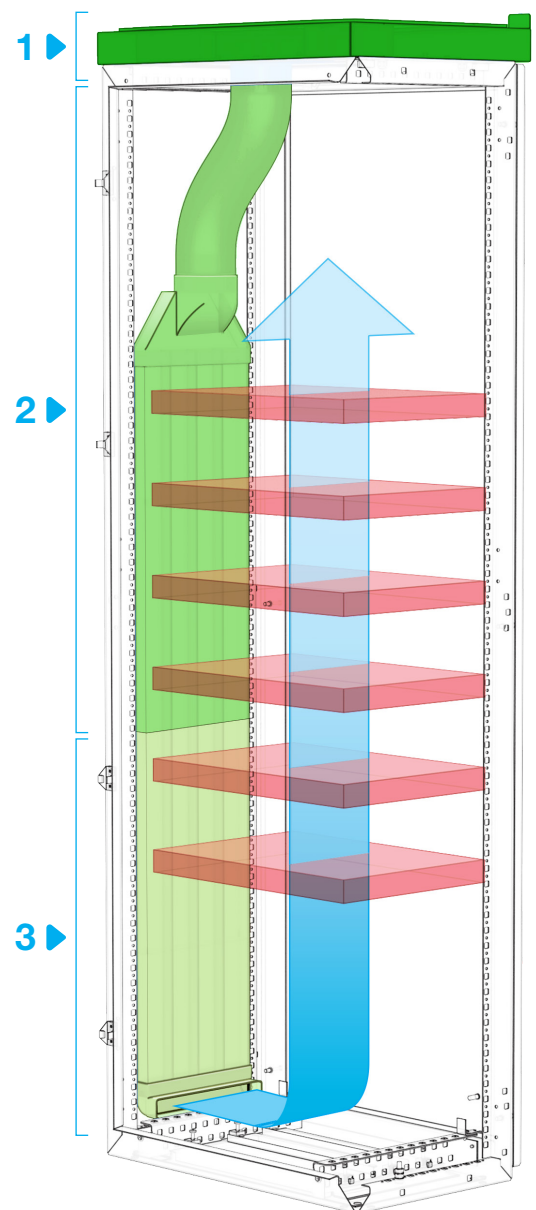
Application example

Even though our top mounted DTT units do not need any air ducts to cool down an electrical enclosure, there are special applications which might get challenges, such as:

Enclosures with a lot of components, several intermediate floors and also IT server usually have no sufficient space for perfect cooling air distribution. This can lead to local hot spots in the lower parts of enclosure, thus effecting negatively the life span of components.

To counter this issue “Pfannenberger Air Duct” System has been developed. The system consists of a metal frame, air hoses and sturdy plastic air tubes, which provide secure and efficient air distribution to any place inside the enclosure.

The system is used to provide cool air directly to the bottom of the enclosure and makes it possible to focus the air stream on specific electrical components, which have exceptionally high heat emission.



PRODUCT	Size 1	Size 2	Size 3
SUITABLE FOR UNITS	DTT 6101 DTT 6201	DTT 6301 DTT 6401	DTT 6601 DTT 6801
DATA			
1 ► PAD Frame	18315000005	18315000000	18315000001
2 ► PAD System (Air hose and 1m tube)	1x 18315000002	2x 18315000002	2x 18315000002
3 ► PAD Optional tube extension (1m)	1x 18315000004	2x 18315000004	2x 18315000004