



Cooling

Power supply without ventilation

The way of mounting is very important for the power supply with an conventional cooling. Do not install the device with the louvers directly to the wall.

The aroused warmth from the power supply needs to rise up freely. This is important to guarantee an optimal cooling of the power supply.

For this reason there must be a minimum distance of 5cm to the power supply.

If the device is not installed properly it could cause an accumulation of heat, especially for components like capacitors.

It could lead to malfunctioning or even destroy the power supply.

Power supply with fan

There are different alternatives for the way of mounting power supplies with fan.

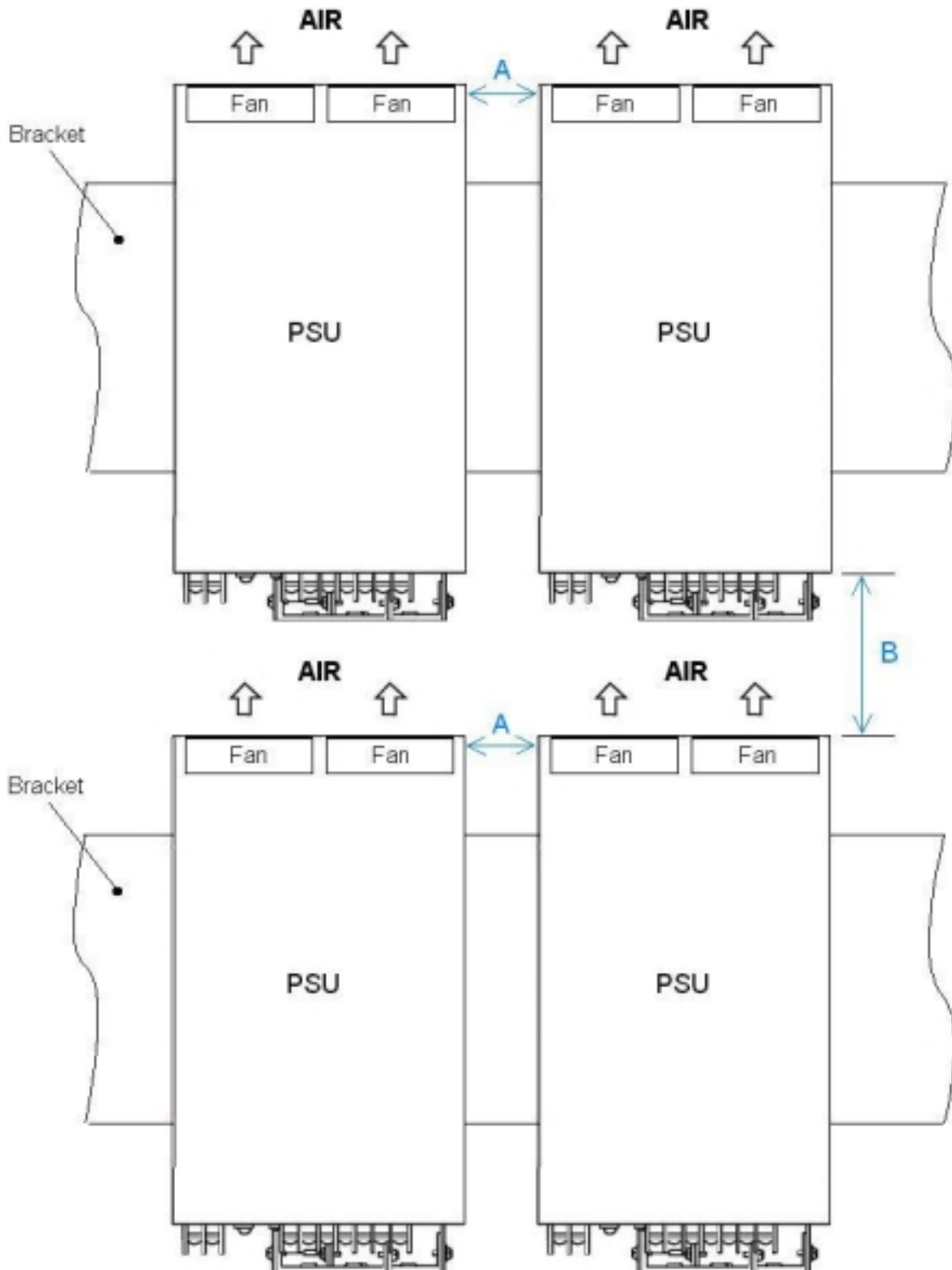
It is important that there is a sufficient space between the final application and the power supply or between two power supplies.

The ventilation always needs a free channel for the fresh air and the used air.

There are two different blower systems. One of them blows the air into the power supply. The other one pulls the air out of the power supply.

A fresh air channel of the device (ventilation opening) must be open and indicate a minimum distance of minimum 10cm to the application or the other units.

There must be a gap (at least 2cm), at the point where the warm air withdraws (louvers) to cause as there does not appear an accumulation of heat.



- A : 2cm (minimum)
- B : 10cm (minimum)