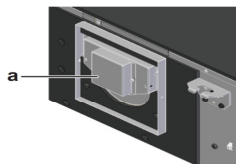


·BS· unit installation

A damper at the air inlet of the ·BS· unit enables a choice between 3 types of configurations (see below).

The damper opens when a refrigerant leak has been detected in the ·BS· unit. This creates an airflow path from the leaking ·BS· unit to the extraction fan.



a Damper

When a ventilated enclosure is required, the following requirements apply.

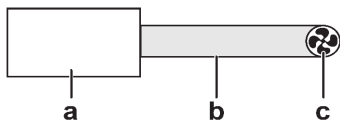
- Pressure inside the ·BS· unit has to be more than ·20· Pa below the ambient pressure.
- Minimum airflow rate

Model	Minimum airflow rate [m ³ /h]
BS4A	90
BS6-8A	87
BS10-12A	77

External fan needs to be selected in order to meet these requirements. The available calculation method depends on the configuration.

Possible configurations

One ·BS· unit – one extraction fan



- a BS unit
- b Ductwork
- c Extraction fan

Calculation method for selection of external fan

- Manual calculation: see ·BS· unit manual for details
- VRV Xpress: see <https://vrvxpress.daikin.eu/>