

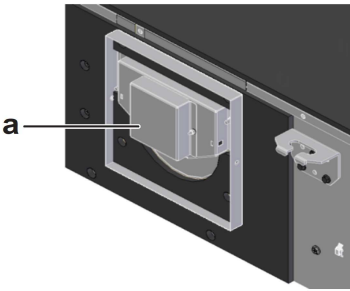
·SV· unit installation

The information in the table below must be taken into account in case a ventilated enclosure is used as a safety measure.

Ductwork	The evacuation ductwork MUST vent outside the building or to another room with minimum room area requirements. Refer to the installation and operation manual of ·SV unit· for details. Avoid that dirt and small animals can enter the ductwork and lead to an obstruction. Example: install a non-return valve, grille, filter or other component in the evacuation duct.
Extraction fan	The extraction fan must have a CE marking and cannot act as an ignition source during normal operation. This requirement is met if the fan motor has an IP4X rating or better.
Replacement air	Make sure that sufficient air is available for the extraction of a refrigerant leak. The extraction airflow rate must be maintained for at least ·8· hours. This is achieved by providing a sufficiently large air volume around the ·SV· unit, or by providing sufficient replacement air around the ·SV· unit (e.g. natural openings or a dedicated opening in the false ceiling).
Maintenance	Maintain the evacuation channel to avoid dust and dirt from building up and obstructing the flow path.

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

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



a Damper

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

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

Model	Minimum airflow rate [m³/h]
SV1A	82
SV4A	82
SV6-8A	84