

Requirements for R32 units

The following R32 requirements are only valid for the compatible air curtains. For more information, refer to the outdoor unit manual.

For R32 requirements in case of an AHU connection, only refer to the ·EKEA· installation and operation manual.

To comply with the requirements of enhanced tightness refrigerating systems of the IEC ·60335-2-40:2022·, this system is equipped with an alarm in the remote controller and natural ventilation can be used as a safety measure.

These safety measures are installation specific and can be determined using the requirements mentioned in the outdoor unit manual.

Outdoor unit installation

The outdoor unit has to be installed outside. For indoor installation of the outdoor unit, additional measures can be necessary to comply with the applicable legislation.

Indoor unit installation

The total amount of refrigerant in the system shall be less than or equal to the maximum allowed total refrigerant amount.

The maximum allowed total refrigerant amount depends on the area of the room being served by the system.

Note: The total refrigerant charge amount in the system MUST always be lower than ·79.8· [kg].

Depending on room size in which the compatible air curtain is installed/conditioning and the total amount of refrigerant in the system, different safety measures can be applied.

Follow the flowchart. Details are described in the manual of the outdoor unit.

Use the graph or table ·1· to determine the required safety measures for the indoor unit.

Note: If the installation height is more than ·2.2· m, different boundaries for the applicable safety measures can apply.

To know which safety measure is required in case the installation height is more than ·2.2· m, refer to VRV Xpress (<https://vrvxpress.daikin.eu/>).