

Duct Pre-heater

HRV Accessories

For use with Titon HRV units

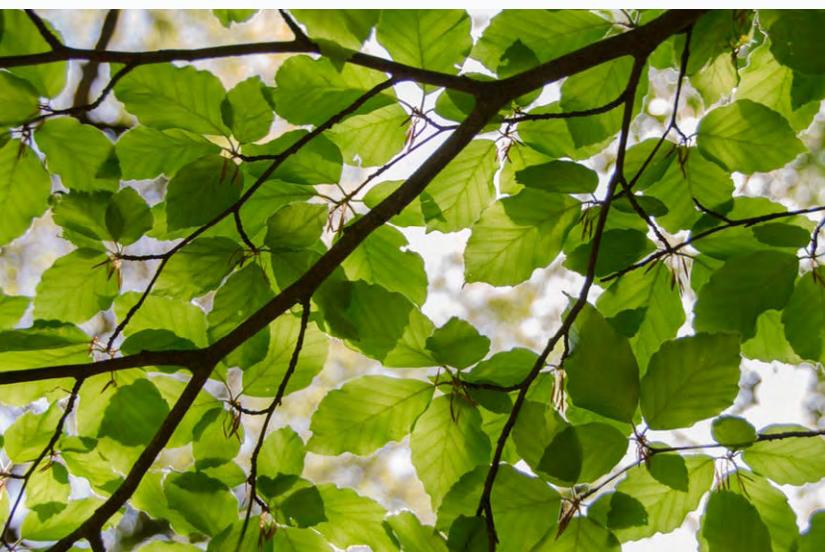
Titon's Duct Pre-Heaters are designed to heat clean air in conjunction with Titon's HRV cold climate ventilation units.

Duct Pre-Heaters uses include tempering fresh air in ventilation systems, supplying heated air to rooms and boosting supply air temperature in heat recovery units - including Titon's Passivhaus approved MVHR unit.

Casings are made from aluzinc coated steel, which is ideal for high temperature. Heating elements tubing is made from stainless steel AISI 304.

All Duct Pre-Heaters are installed with 2 protection thermostats, screw terminals for easy connection and rubbers seals to fit to ducting.

Heater



Features & Benefits

- Built in temperature control
- Aluzinc casing
- Stainless steel heating elements
- Rolled rubber seals for duct connection
- Two stage overheat protection
- Built in temperature control
- Manual reset button when temperature reaches 100°C
- Compatible with Titon's cold climate HRV units
- IP44 Rating
- To be used with metal ducting only

All Duct Pre-Heaters have two-stage overheat protection:

1. The first stage switches on when the temperature reaches 50°C (resets automatically).
2. The second stage switches on when the temperature reaches 100°C (is reset manually with push button on the casing).

Heaters can be installed vertically or horizontally. Maximum output air temperature 50°C.

Designed for installation in metal ducting. There must be a minimum clearance of 50mm to any combustible material.



Temperature control



Temperature Sensor

Product Codes

EKA-NV125-0.9 – Ø125mm 0.9kW electric Duct Pre-heater with temperature control, including remote duct temperature sensor

EKA-NV125-1.5 – Ø125mm 1.5kW electric Duct Pre-heater with temperature control, including remote duct temperature sensor

EKA-NV150-1.5 – Ø160mm 1.5kW electric Duct Pre-heater with temperature control, including remote duct temperature sensor

EKA-NV160-1.2 – Ø160mm 1.2kW electric Duct Pre-heater with temperature control, including remote duct temperature sensor

EKA-NV160-1.5 – Ø160mm 1.5kW electric Duct Pre-heater with temperature control, including remote duct temperature sensor

Specification

Dimensions: 370mm length, diameter plus 32mm height.

Material: Aluzinc casing

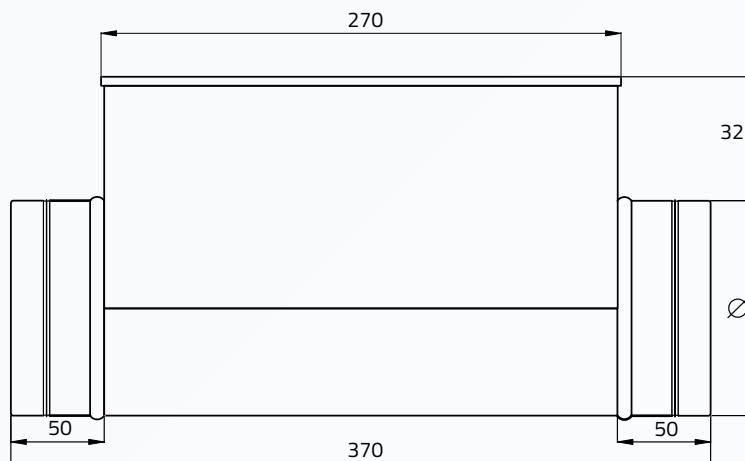
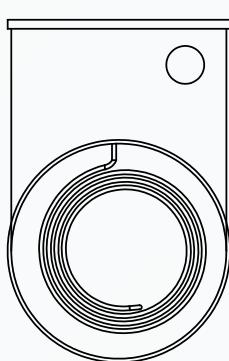
Guarantee period: 2 years

Electrical: 230V ~ 50/60Hz

Installation: Install in accordance with regulatory requirements, such as the Ventilation: Approved Document F and the Residential Ventilation Association recommendations.

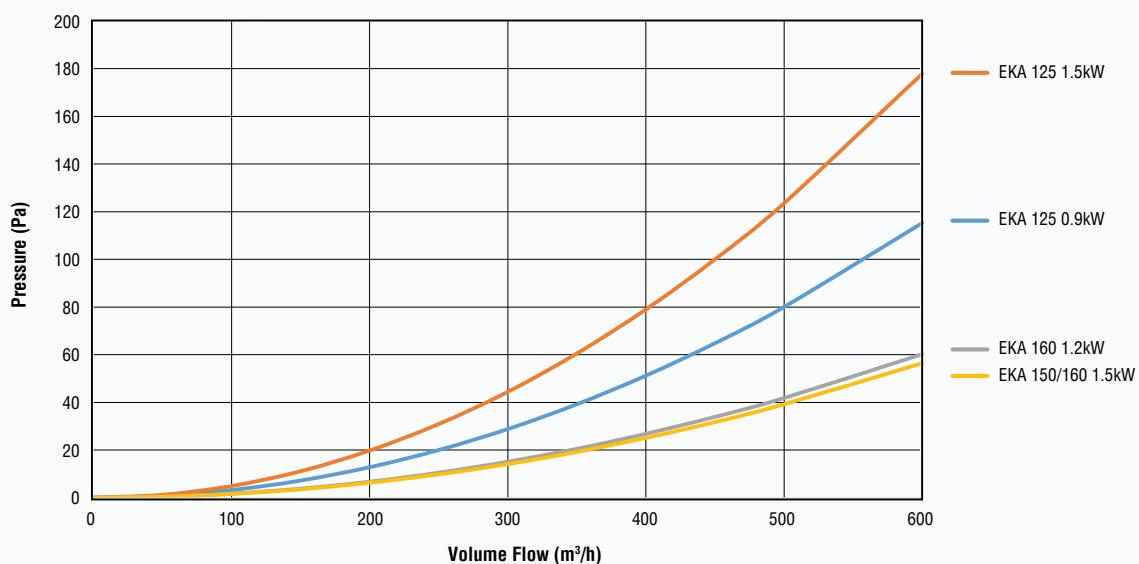
Please refer to our cold temperature MVHR product manual for further guidance on installation.

Drawing & Dimensions



Dimensions in mm

Performance Details



Product Type	Diameter	Min. Airflow (m³/h)	Min. Airflow (l/s)	Voltage (50 Hz)	Power kW
EKA-NV125-0.9	125	70	19	1~230	0.9
EKA-NV125-1.5	125	70	19	1~230	1.5
EKA-NV150-1.5	160	110	30	1~230	1.5
EKA-NV160-1.2	160	110	30	1~230	1.2
EKA-NV160-1.5	160	110	30	1~230	1.5