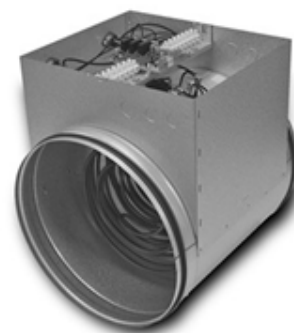




ELECTRIC POST-HEATING BATTERY ENERGY PLUS

DESCRIPTION

The electric post-heating battery ensures that the temperature of the supply air can be controlled (heated) by an electric resistance. The resistance operates and is controlled by the temperature of the supply air or the discharge air.



OPERATION

The system switches ON/OFF to achieve the heating setting of the supply air. The standard setting is 20°C. The electric post-heating battery can be switched on if the following settings on the printed circuit board of the Energy Plus ventilation unit are configured as follows:

- DIP-switch 4 is ON
- DIP-switch 5 is OFF
- DIP-switch 10 is ON: Post-processing controlled by the supply temperature (after the heat exchanger)
- DIP-switch 10 is OFF: Post-processing controlled by the discharge temperature (before the heat exchanger)

If the system is controlled by the supply temperature, it will be necessary to reposition the PT1000 sensor installed on this supply air (T2) (See technical drawing under chapter "Dimensional Drawing and Connections") to ensure it is positioned after the electric post-heating battery. This PT1000 sensor must be supplied separately.

TECHNICAL SPECIFICATIONS

- To be fitted externally, in the air duct with airflow 'towards the home'
- Pipe section of high-quality galvanised sheet steel
- ON/OFF 230V control
- Electric control in housing
- Dual safety thermostat with automatic and manual reset
- Safety class IP43

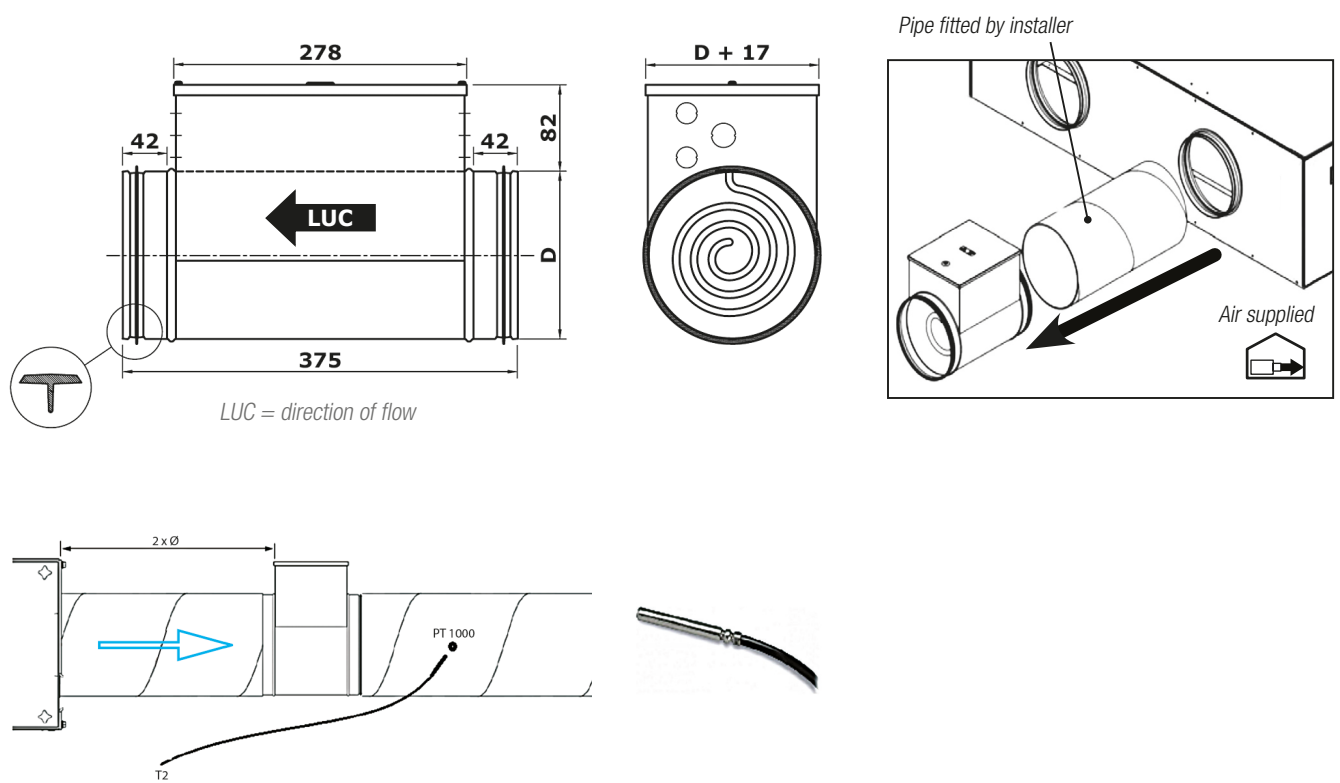
		ENY-P1	ENY-P2	ENY-P3	ENY-P4
Nominal electric power	kW	2,1	3,0	4,5	6,0
Supply voltage	V/Hz/f	230V 50Hz 1f+PE		400V 50Hz 3f+PE	
Power consumption	A	9,1	13,0	7,2	8,7
Connection (ø)	mm	250	250	355	400
Minimum airflow	m³/h	270	300	600	690



ELECTRIC POST-HEATING BATTERY ENERGY PLUS

DIMENSIONAL DRAWING AND CONNECTIONS

Dimensions in mm



DIAGRAM

Pressure losses by electric post-heating battery

