

Electric preheater in GES Energy

Due to the high heat recovery rate of the Genvex heat exchangers it is often necessary to install an electric preheater in the GES Energy units.

The preheater of the type PTC is to be installed in the fresh air duct, just before the unit.

Optima 250

Connect the heating element in the main board to terminal H3 (230 V) and to the earth bar.

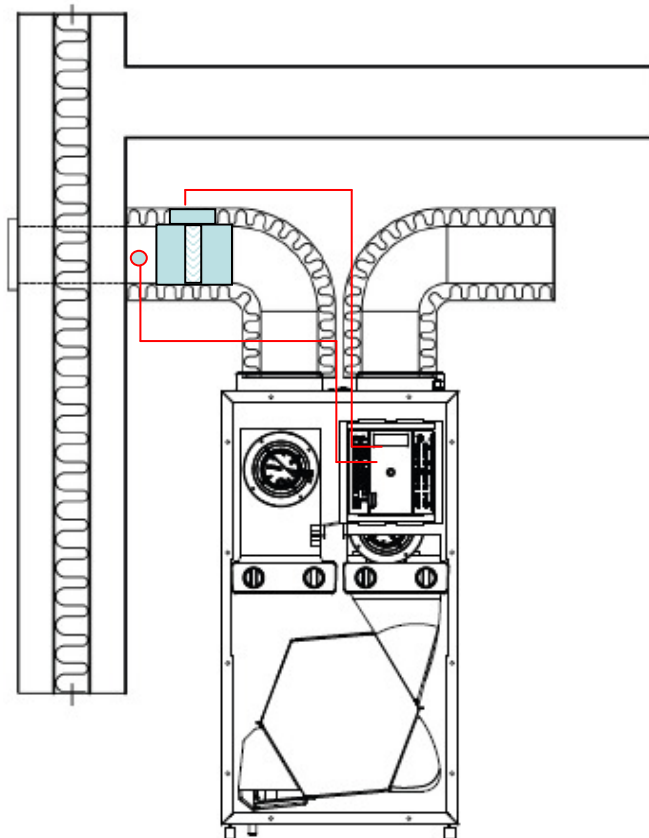
Remove sensor T3 from terminal block L3, terminal 3 & 4.

Connect new sensor (accessory) and place it before the preheater in the fresh air duct.

Optima 100

Connect the heating element in the main board to terminal H3 (230 V) and to the earth bar.

Connect new sensor (T9) (accessory) to terminal block L2, terminal 3 & 4 and place it before the preheater in the fresh air duct.



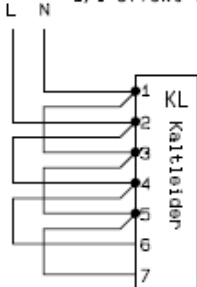
Genvex A/S recommends the use of electric preheater in GES Energy.

Heating capacity of the preheater

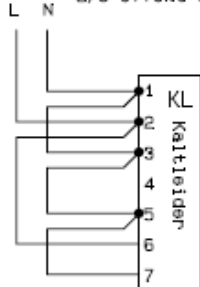
By changing the terminals connected, the power of the preheater can be changed.

Below values apply for an air flow of 200 m³/h.

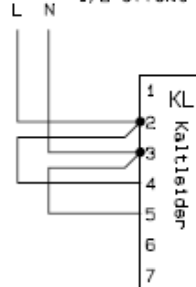
Kaltleder
1/1 effekt 1200W



Kaltleder
2/3 effekt 800W



Kaltleder
1/2 effekt 600W



Kaltleder
1/3 effekt 480W

