

Exhaust Air Module for Ground Heat Pump

Description

FLM 30 is an exhaust air module specially designed to combine recovery of mechanical exhaust air with an energy collector in the ground or in rock.

FLM 30 is designed to connect to the FIGHTER 1110/1210 type of ground heat pump.

The built-in fan extracts the air from the wet areas of the house to the recovery unit. Energy is transferred to the heat pump from the ground or rock collector. The heat transfer fluid increases in temperature and enhances the heat pump heat factor. When the heat pump is not in operation, energy is stored in the ground or rock collector, which utilises the exhaust air energy to the full.

The heat pump capacity is not bound by the amount of air as with an exhaust air heat pump, but the output can be optimally adapted to suit the size of the house.

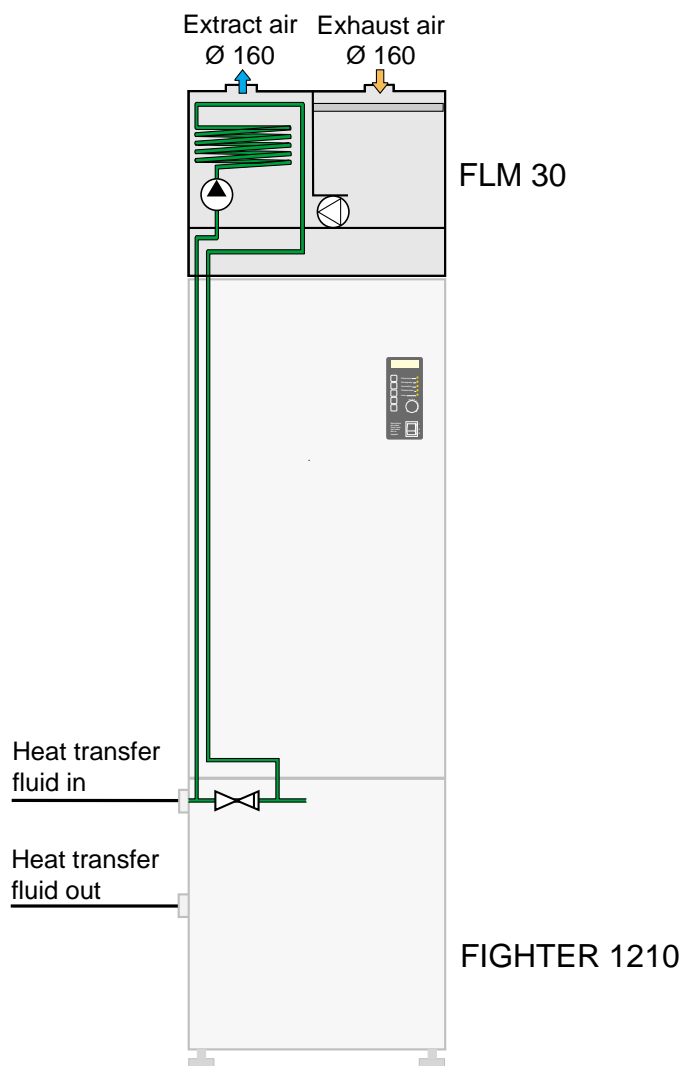
FLM 30 is best connected directly to FIGHTER 1210 but can also be wall mounted.

Advantages

- Provides a total solution for exhaust air, and ground and rock heating.
- FLM 30 can be connected to FIGHTER 1110/1210 irrespective of output size.
- Exhaust air energy is accumulated in the ground.
- The collector length can be reduced when required.
- Easy to install.
- High fan capacity and low sound level.



Outline diagram



Technical Specifications

Height	400 mm
Width	600 mm
Depth	600 mm
Max airflow	approx. 400m ³ /h
Max refrigerating capacity	approx. 2kW

We reserve the right to make changes in design and dimensions without prior notice.



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