

Thermia Cooling Module Passive/Active



Cooling Module Passive/Active

Transform your heat pump into a climate control system.

The **Thermia Cooling Module Passive/Active** enables your heat pump to produce cool air for your home in an energy and cost-efficient manner. This gives you a complete climate control system that ensures a pleasant indoor climate all year round – warmth in the winter, coolness in the summer and hot water every day of the year.

The cool air is produced in two steps. The first is called *passive cooling* and is fully sufficient for many applications. By circulating the cool liquid in the collector loop (in the drill hole, ground or lake), cool air is created at a cost equivalent to the energy consumption of a couple of light bulbs.

When passive cooling is not enough to keep the temperature down, step two, or *active cooling*, is activated. In step two, the heat pump compressor is used to produce cool air and this lowers the temperature in the house's cooling/heating loop even more.

The Thermia Cooling Module Passive/Active is standard in the Thermia Atec unit, and optional on the Thermia ground source heat pumps.

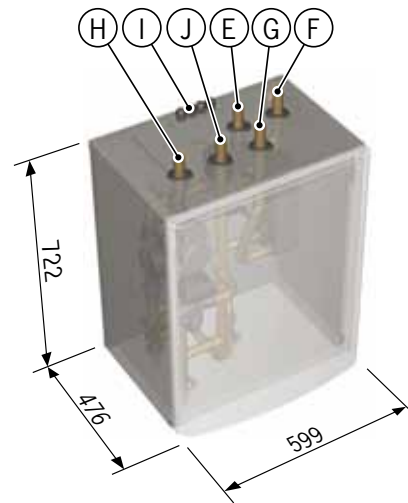
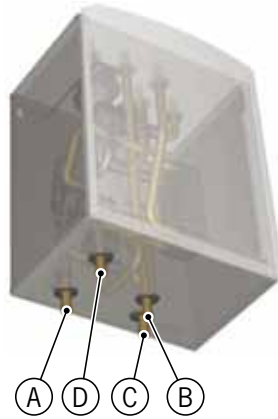


Technical data Cooling Module Passive/Active

Connection

- A** Brine line out 1
- B** Brine line in 1
- C** Brine line out 2
- D** Brine line in 2
- E** Supply line heating system
- F** Heating system supply line heat pump
- G** Return heating system
- H** Cooling supply line
- I** Cable lead-in, sensor cable
- J** Cooling return line

All water connections Cu 28 mm.



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Weight	48 kg
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