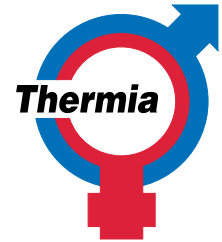


Thermia Comfort



Comfort

The complete climate control system.

Thermia Comfort is a perfect climate control system that ensures a pleasant indoor climate all year round. The combination of a heat pump and a cooling system provides you with warmth in the winter, coolness in the summer and hot water every day of the year. You simply select the temperature you want in your home and Comfort will do the rest.

The total energy consumption is low: the pump's high annual efficiency (SPF)* makes it possible for you to lower your heating costs by more than 70%, the cooling function consumes as little energy as a normal 100-watt bulb, and the TWS** technology built into the water tank allows great amounts of hot water to be produced with minimal energy consumption.

The pump utilises rock, surface ground, ground water or lake water as its heat sources.

Using the Thermia Online optional feature, you can control your heat pump via the Internet. In the unlikely event that something needs rectifying, you will be alerted automatically via text message or e-mail.



* SPF = (Seasonal Performance Factor) is the measurement of how efficiently the heat pump operates over the whole year.

** TWS = Patented heating technique for water heaters, developed by Thermia.

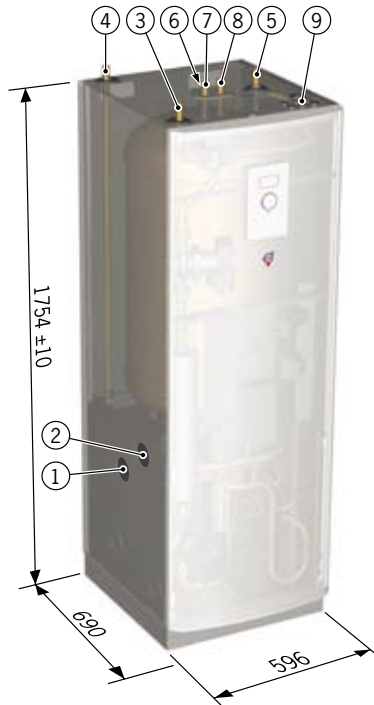
Technical data Comfort

Connection

The brine lines can be connected on either the left or right hand sides of the heat pump.

- 1 Brine supply line (Brine out), 28 Cu
- 2 Brine return line (Brine in), 28 Cu
- 3 Heating system supply line, 22 Cu
- 4 Heating system return line, 22 Cu
- 5 Expansion pipe, 22 Cu
- 6 Lifting point
- 7 Hot water pipe, 22 Cu or stainless steel*
- 8 Cold water pipe, 22 Cu or stainless steel*
- 9 Lead-in for incoming power supply, sensors and communication cable

* H-models are not available in stainless steel.



Comfort	6	8	10
Refrigerant, R407C	1.2 kg	1.3 kg	1.45 kg
Mains supply	400V 3-N	400V 3-N	400V 3-N
Auxillary heater	3/6/9 kW	3/6/9 kW	3/6/9 kW
Output capacity ¹⁾	4.9 kW	7.2 kW	8.9 kW
Heat factor (COP) ¹⁾	2.79	3.08	3.17
Circuit breaker	10 ²⁾ /16 ³⁾ /20 ⁴⁾ A	16 ²⁾ /16 ³⁾ /20 ⁴⁾ A	16 ²⁾ /16 ³⁾ /20 ⁴⁾ A
Volume, hot water heater	180 litres	180 litres	180 litres
Weight	229 kg	229 kg	229 kg
Comfort	4H	5H	7H
Refrigerant, R134a	0.9 kg	1.0 kg	1.1 kg
Mains supply	400V 3-N	400V 3-N	400V 3-N
Auxillary heater	3/6/9 kW	3/6/9 kW	3/6/9 kW
Output capacity ¹⁾	3.2 kW	4.5 kW	5.5 kW
Heat factor (COP) ¹⁾	2.7	2.9	2.9
Circuit breaker	1x16 A 10 ²⁾ /10 ³⁾ /16 ⁴⁾ A	10 ²⁾ /16 ³⁾ /20 ⁴⁾ A	10 ²⁾ /16 ³⁾ /20 ⁴⁾ A
Volume, hot water heater	180 litres	180 litres	180 litres
Weight	229 kg	229 kg	229 kg

- 1) Tested according to EN14511 at BOW45 (including circulation pumps)
- 2) Heat pump with 3 kW auxiliary heater
- 3) Heat pump with 6 kW auxiliary heater
- 4) Heat pump with 9 kW auxiliary heater