



Thermia Elve



Powerful performance. Quietly delivered.

The Thermia Elve is a world-class air source heat pump for people who don't want to compromise on comfort and performance. The Elve heat pump is perfect for ensuring that your home is always warm and cosy and that there is plenty of hot water for the whole family, all year round, at low cost, even when it's really cold.

The heat pump is designed for exceptionally quiet operation and maintains a very low sound level even under high load. This provides greater flexibility when choosing where to install Elve.

The Elve is an excellent choice for those who want high volumes of hot water for the family. It can deliver up to 700 litres* of hot water, which is at the absolute top of the market and the hot water recharges very quickly. The heat pump can supply heating up to 75°C and operates at outdoor temperatures as low as – 25°C.

Even in really cold Nordic climates, the Elve works extremely well. Operation is automatically adapted to your needs, and the annual performance is very high (SCOP 4,96**, which is a measure of how much electricity the heat pump consumes in relation to the heat it extracts). Elve has a built-in cooling function. This ensures a pleasant indoor climate, even during the hottest period of the year.

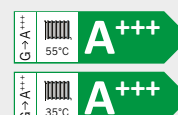
The Elve uses the natural refrigerant R290, which has a GWP of just 0,02. The refrigerant's GWP value and the heat pump's filling amount affect the CO₂ equivalent***. The result is a perfect air source heat pump for those who are thinking about the future while seeking quality and comfort.

The Elve heat pump is excellent for both new installations and replacements. You can choose from different combinations to suit your specific needs, as the heat pump is available in two power sizes: Elve L and Elve XL, and there are four different options for the indoor unit. To get greater output, Elve heat pumps can be linked together. For example, by connecting four Elve XL units together you can get a total heat output of up to 61 kW.

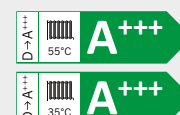
The Thermia Elve's control system is easy to navigate via its highly intuitive and modern display. The heat pump has both integrated Wi-Fi and 4G connectivity and remote control via an app is included. With 4G, there is no need for Wi-Fi via a router or a cable.**** You can also access additional services, such as Smart Price for spot price control.



System:



Product:



Read more about the energy class in footnotes 6–7 on the next page.

* 700 l water applies to the Elve XL with Total 300 indoor unit, average climate according to EN16147 in comfort mode.

** SCOP 4,96 for the Elve L according to the measurement standard EN14825, average climate, floor heating. SCOP 4,46 for the Elve L according to the measurement standard EN 14825, cold climate, floor heating.

*** R290 is a hydrocarbon that occurs in nature and is not fluorinated. The cooling circuit is hermetically sealed and contains refrigerant covered by the F-gas regulation. The GWP for R290, according to EC 573/2024, is 0,02 (Annex VI, AR6 method).

****The 4G connection is free of charge until 30 April 2028.

Technical data Elve and Idun

Connection

- 1 Return line heating system: R32, external thread
- 2 Supply line heating system: R32, external thread
- 3 Power and communication wiring conduits

Idun Indoor unit



W: 400mm
D: 159mm
H: 550mm

W: 598mm
D: 703mm
H: 1 863mm

W: 598mm
D: 703mm
H: 1 863mm

W: 598mm
D: 703mm
H: 1 470mm

► STANDARD

- Intelligent Controller

► TOTAL 300 I

- Intelligent Controller
- Hot water tank, 300 litre
- Circulation pump, Class A
- Three way valve for heating or hot water production
- Immersion heater (3~400 V, 1,5/3/4,5/6/7,5/9 kW)

► TOTAL EQ

- Intelligent Controller
- Hot water tank, 180 litre
- Circulation pump, Class A
- Three way valve for heating or hot water production
- Immersion heater (3~400 V, 1,5/3/4,5/6/7,5/9 kW)
- Total EQ feature extra 60 liters volume tank, 12 liters expansion vessel and an additional circulation pump

► COMPACT

Elve Outdoor unit



W: 1170mm
D: 727mm
H: 1 144mm

W: 1 170mm
D: 727mm
H: 1 365mm

► Elve L

3,7–12,0 kW
3~400V

► Elve XL

5,1–15,3 kW
3~400V

Elve		Elve L 400V		Elve XL 400V	
Heating capacity		kW		kW	
Refrigerant		Type		Type	
		Amount ¹		Amount ¹	
		GWP		GWP	
Compressor		Type		Type	
Electrical data 400V~3N Outdoor unit		Main supply		Main supply	
		Max working power, compressor		Max working power, compressor	
		Fuse ²		Fuse ²	
Performance		SCOP (average climate) floorheating ³		SCOP (average climate) floorheating ³	
		SCOP (average climate) radiator ³		SCOP (average climate) radiator ³	
		SCOP (cold climate) floor heating ⁴		SCOP (cold climate) floor heating ⁴	
		SCOP (cold climate) radiator ⁴		SCOP (cold climate) radiator ⁴	
		Heating capacity A-7/W35 ⁵		Heating capacity A-7/W35 ⁵	
		Heating capacity A-7/W55 ⁵		Heating capacity A-7/W55 ⁵	
		COP A7W35		COP A7W35	
Energy class - system⁶		Floor heating (35°C)		Floor heating (35°C)	
		Radiator (55°C)		Radiator (55°C)	
Energy class - product⁷		Floor heating (35°C)		Floor heating (35°C)	
		Radiator (55°C)		Radiator (55°C)	
Max/min temperatur		Outdoor air		Outdoor air	
Max temperatur		Heating circuit		Heating circuit	
Sound power level		Elve		Elve	
Maximum sound pressure level - free field		1/4/10 m		1/4/10 m	
Maximum sound pressure level in silent mode- free field		1/4/10 m		1/4/10 m	
Hot water performance		Volume 40°C hot water ⁸		Volume 40°C hot water ⁸	
Weight Outdoor unit		Elve		Elve	
Weight Indoor unit		Idun Standard		Idun Standard	
		Idun Total EQ		Idun Total EQ	
		Idun Total 300		Idun Total 300	
		Idun Compact		Idun Compact	
Dimensions		Outdoor unit (WxDxH)		Outdoor unit (WxDxH)	

1) The refrigerant circuit is hermetically sealed and contains refrigerant covered by the F-gas regulation.
The GWP for R290 (propane) according to EU regulation (EU) 2024/573 is 0,02.

2) The minimum recommended fuse size depends on the limitation of the electrical immersion heater. Meets IEC61000-3-2.

3) SCOP according to EN14825, average climate (Strasbourg).

4) SCOP according to EN14825, cold climate (Helsinki).

5) According to EN14511

6) When the heat pump is installed in a heating system that is controlled via the heat pump's control computer. According to EU regulation 811/2013.

7) When the heat pump is not connected to a heating system, and the function of the built-in control computer is not taken into account. According to EU regulation 811/2013.

8) Domestic hot water performance according to EN16147, COP according to XL cycle together with Thermia Idun Total 300.

9) Maximum flow temperature at -15°C to +43°C

10) Sound power level according to energy labeling, measured according to EN12102 and EN3741 (A7W55).