Solamander®
SOLAR THERMAL BATTERY
Keep your power ™

Solamander HT

High Temperature Air Source Heat Pumps

Efficient high-temperature heating for retrofit and new-built applications.

Key Highlights

- High output even under very low outside temperature
- Produces heating water up to 75°C, even at low outdoor temperatures.
- Suitable for radiator retrots
- Domestic hot water and space heating in one system
- Smart modulation helps improve eciency and reduce running costs
- Remote internet access for troubleshooting
- High-quality components
- Natural R290 refrigerant with low global warming potential
- Installer-friendly design for simpler installation and maintenance
- Comprehensive warranty coverage*

UP TO 75°C | NATURAL R290 | LOW GWP | HIGH EFFICIENCY

3-year unit & parts warranty | 5-year compressor warranty

Solamander HT

High Temperature Air Source Heat Pumps

High performance.
High temperature.
Natural choice.

The **Solamander HT** is a high temperature air-to-water heat pump delivering efficient heating and domestic hot water with water temperatures up to 75°C.

Built with high-quality components and using natural R290 refrigerant for a lower environmental impact, Solamander HT is the smart choice for retrofit and new build applications.

Up to 75°C
high temperature output

Natural R290
refrigerant with low global warming potential

Smart Modulation
adapts to demand for improved efficiency and lower running costs

High Quality Components
for reliable, long-term performance

Installer Friendly
designed for simplified setup and servicing

Remote Access
via the internet

Ideal for Retrofit
and new build applications

Product Overview

The Solamander HT Heat Pump is engineered with high-quality components to deliver reliable, efficient and consistent performance — even in demanding conditions. Key components include:

- **Compressor** GMCC
- **Plate Heat Exchanger** Danfoss
- **High Efficiency Water Pump** Grundfos
- **Fan Motor** Welling

Available Models

Solamander HT Heat Pump - 6kW
Solamander HT Heat Pump - 9kW
Solamander HT Heat Pump - 12kW
Solamander HT Heat Pump - 16kW

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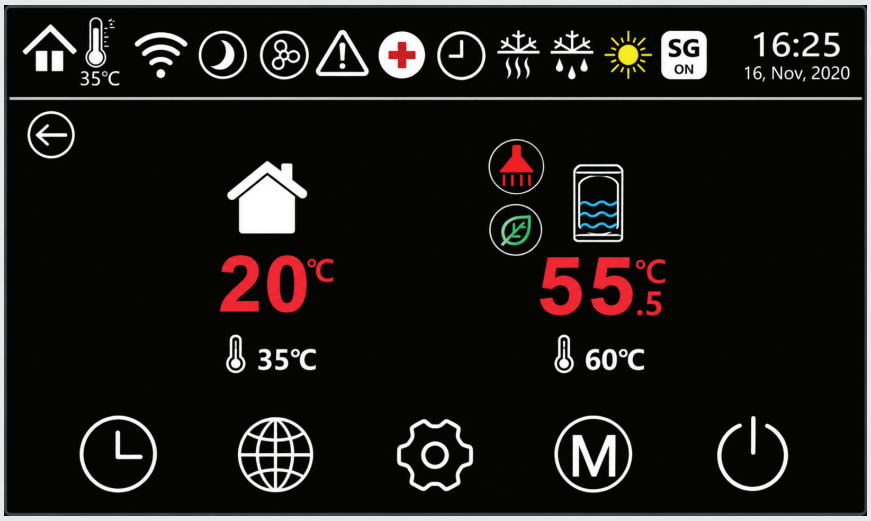
Underfloor Heating
Even, comfortable warmth throughout the room

Radiator Heating
Efficient heat for radiators and hydronic systems

Hot Water
Reliable hot water for everyday household use

Heating & Cooling
Year-round comfort in every season



Technical Specification

Solamander HT High Temperature Air Source Heat Pump

Simplified model comparison and key product information.

Specification	6 kW	9 kW	12 kW	16 kW
Heating capacity – A7/W35	6.27 kW	9.15 kW	12.15 kW	16.17 kW
Power input – A7/W35	1.36 kW	2 kW	2.63 kW	3.54 kW
COP – A7/W35	4.62	4.58	4.62	4.57
SCOP – 35°C application	4.71	4.89	4.81	4.77
Maximum water temperature	75°C	75°C	75°C	75°C
Minimum water flow	7 L/min	10 L/min	14 L/min	18 L/min
Sound pressure level at 1 m*	36.7 dB(A)	44.7 dB(A)	42.4 dB(A)	54.4 dB(A)
Electrical supply	220–240 V, 1 phase	220–240 V, 1 phase	220–240 V, 1 phase	220–240 V, 1 phase 50 Hz
Dimensions – W × D × H	976 × 450 × 690 mm	1106 × 445 × 835 mm	1106 × 450 × 1135 mm	1110 × 450 × 1600 mm
Net weight	80 kg	82 kg	125 kg	175 kg
Water connection	G1 / DN25	G1 / DN25	G1 / DN25	G1 / DN25
Refrigerant	R290	R290	R290	R290

* Acoustic figures are for heating operation at approximately A7/W35. Sound pressure is the corrected average measured at 1 m. Tested in accordance with EN 12102-1:2022 and EN ISO 3744:2010.

Devex systems
heating eXcellence

Devex Systems specialises in heating solutions for new or existing buildings in residential, commercial and industrial environments.

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