

Solar Industrial Solutions



Let us help you with the best solution

Solar Industrial Solutions is a special unit working with project planning and sales of industrial heat pumps.

We offer the expertise you need in terms of inspection, project management, planning, sales, recording, implementation, technical support, applying for subsidies and approvals by the authorities.

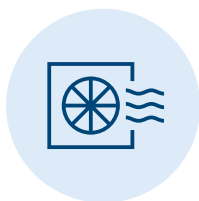
Let us be your partner throughout the entire process and help you with the best solution.

Why choose ThermoNova?

ThermoNova develops and delivers a new type of modular heat pump, which allows large and energy-efficient heating solutions, particularly for industry, warehouses, and large office buildings. ThermoNova's heat pumps are the obvious choice for new construction, when making energy renovations, as well as in places where high temperatures are required (+70 degrees Celsius). The products are manufactured in Denmark and run on propane, which is typically more efficient and lower on global warming potential, GWP.



Finding the right solution together



Choosing the right products and installation



Calculating your energy savings and carbon footprint



Guiding you through the entire process



Monitoring, operating and maintaining the solution through the entire guarantee period



If you need to know more, we are always ready to talk!
Contact Solar Industrial Solutions at (+45) 76 52 78 90 or sis@solar.eu

Learn more at <https://www.solar.eu/climate-energy/industrial-solutions/>

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Natural refrigerant



We persistently work to minimise the climate impact, but since emissions are always a small risk, the cooling circuit of the Nova series is equipped with the natural refrigerant propane gas. The environmental impact of emissions is negligible and compared to a traditional synthetic refrigerant, it is as follows:

GWP factor (CO₂ equivalent)

Natural refrigerant propane gas (R290)
CO₂ per kg refrigerant: 3 kg CO₂

Synthetical refrigerant e.g. R410A
CO₂ per kg refrigerant: 2088 kg CO₂

Nova 110 - 220 - 330 - 440

			NOVA 110			NOVA 220			NOVA 330			NOVA 440		
			Min.	Nom.	Max	Min.	Nom.	Max	Min.	Nom.	Max	Min.	Nom.	Max
Effect and COP	Heat effect nom. +7/45	kW	41	77	110	41	155	220	41	232	330	41	309	440
	COP nom. +7/45	W/W	4.3	4.4	4.3	4.3	4.4	4.3	4.3	4.4	4.3	4.3	4.4	4.3
Energy class	EN14825		A++			A++			A++			A++		
SCOP	Average climate Floor heating/radiator		4.48 / 3.71			4.48 / 3.71			4.48 / 3.71			4.48 / 3.71		
Operating range	Operating range outdoor temp.	°C	-20 to 30			-20 to 30			-20 to 30			-20 to 30		
	Temp. heating system, min./max.	°C	35-70			35-70			35-70			35-70		

A safe collaboration with Solar and ThermoNova

A good collaboration is based on trust and security.

We are a certified and experienced partner, who delivers quality you can count on. We of course follow all applicable regulations within the area of electrical, plumbing, heating and cooling. We hold the following certificates:



ThermoNova:

Cooling certificate
ISO9001:2015 certified
F-Gas company approval Category I
Licensed plumber

Solar A/S

Management system certificate
ISO9001:2015
ISO14001:2015
F-Gas Certificate - Category III + I

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