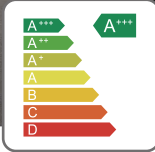




Eco-Efficient Heat Pump SunHeater

Efficient and stylish - for cozy warmth throughout your home.



- Whisper-Quiet Comfort**
Only 35 dB(A) at a distance of 3 meters
- Peace of Mind for Years**
Backed by one of the longest warranties on the German market
- Real Time Control**
Manage everything LIVE with myLumenHaus App
- Heat at THE BEST Price**
AI-powered Smart-Heating with dynamic tariff automatically supplies your heat pump with power at the most economical rate available



Technical Data



Model Name			8 kW	10 kW	12 kW	14 kW	16 kW
Model			LH-HHP-TE8K01CE	LH-HHP-TE10K01CE	LH-HHP-TE12K01CE	LH-HHP-TE14K01CE	LH-HHP-TE16K01CE
Power Supply		V/Ph/H	380-415/3/50				
*Heating A7W35	Capacity	kW	8.4	10.0	12.0	14.0	15.1
	Rated Input	kW	1.68	2.08	2.45	2.92	3.21
	COP		5.0	4.8	4.9	4.8	4.7
*Heating A7W55	Capacity	kW	7.8	9.5	12.0	14.0	15.1
	Rated Input	kW	2.36	2.92	3.69	4.38	4.79
	COP		3.3	3.25	3.25	3.2	3.15
*Cooling A35W7	Capacity	kW	8.3	10.0	12.0	14.0	16.0
	Rated Input	kW	1.61	2.11	2.67	3.89	4.10
	EER		5.15	4.75	4.5	3.6	3.9
*Cooling A35W18	Capacity	kW	7.5	8.9	11.5	12.7	14.0
	Rated Input	kW	2.17	2.74	3.80	4.38	5.09
	EER		3.45	3.25	3.05	2.9	2.75
Seasonal Space Heating Energy Efficiency Class7	LWT bei 35°C		A+++	A+++	A+++	A+++	A+++
	LWT bei 55°C		A+++	A+++	A+++	A+++	A+++
SCOP6	LWT bei 35°C		5.025	5.15	4.725	4.725	4.775
	LWT bei 55°C		3.875	3.925	3.825	3.825	3.825
Water Pump	Pump Head	m	9				
	Max. Flow	m³/h	4.5				
	Adapter Diameter		DN25				
Sound Pressure Level	Monobloc Unit	dB(A)	44	44	45	46	47
Sound Power Level	Monobloc Unit	dB	57	57	58	59	60
Packed Dimensions (W x D x H)	Monobloc Unit	mm	1355 × 545 × 1210				
Body Dimensions (W x D x H)	Monobloc Unit	mm	1280 × 420 × 1040				
Net Weight	Monobloc Unit	kg	139		154		
Gross Weight	Monobloc Unit	kg	152		167		
Operating Temperature Range	Cooling	°C	-5 ~ 48				
	Heating	°C	-25 ~ 35				
	DHW (tank)	°C	-25 ~ 43				
Setting Water Temperature Range	Cooling	°C	5 ~ 25				
	Heating	°C	25 ~ 80				
	DHW (tank)	°C	30 ~ 75				
Water Circuit	Piping Connections	inch	G1" BSP				
	Safety Valve Set Pressure	MPa	0.3				
	Flow Switch	m³/h	0.6				
	Expansion Tank Volume	L	5				
	Capacity of The Back-Up Heater	kW	9				

*Heating A7W35: Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.

*Heating A7W55: Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.

*Cooling A35W7: Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C.

*Cooling A35W18: Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C.