



### SunHeater Smart Heat Pump

Minimal noise, maximum efficiency  
- Comfort your daily life.

R290



- Faster and Quieter Comfort
- A+++ Energy Efficiency
- Unmatched Heating Performance
- Seamless Smart Integration
- Real-Time Control with the myLumenHaus App
- Precise Heating with Zone Division



Garantie



## Technical Data



Model name			10kW	12kW
Model			LH-HHP-TE10K0ICE	LH-HHP-TE10K0ICE
Power Supply		V/Ph/H	380-415/3/50	
Heating2	Capacity	kW	10	14.9
	Rated Input	kW	2.08	3.33
	COP		4.8	4.5
Heating3	Capacity	kW	9.5	14.7
	Rated Input	kW	2.92	3.42
	COP		3.3	4.3
Cooling4	Capacity	kW	10	13.0
	Rated Input	kW	2.11	2.77
	EER		4.8	4.7
Cooling5	Capacity	kW	8.9	12.2
	Rated Input	kW	2.74	2.97
	EER		3.3	4.1
Seasonal Space Heating Energy Efficiency Class7	LWT at 35°C		A+++	A+++
	LWT at 55C		A+++	A+++
SCOP6	LWT at 35°C		5.15	4.98
	LWT at 55°C		3.93	3.84
Water Pump	Pump Head	m	9	
	Max Flow	m³/h	4.5	
	Adapter Diameter		DN25	
Sound Pressure Level	Monobloc Unit	dB(A)	49	46
Sound Power Level	Monobloc Unit	dB	57	57
Packed Dimensions (WxDxH)	Monobloc Unit	mm	1355*545*1210	
Body Dimensions (WxDxH)	Monobloc Unit	mm	1280*450*1040	
Net Weight	Monobloc Unit	kg	140	154
Gross Weight	Monobloc Unit	kg	153	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	
Stuffing Quantity	40H/40/20	Unit	68/33/16	