

R290 HeatGreen Model Heat Pump

Features:

- R290 refrigerant
- A+++ High Efficiency Energy Level
- Noise Reduction Technology
- All-in-one Heat Pump
- ASA Material
- Full DC inverter technology
- Hot water outcome up to: 75°C | 25°C cold climate running
- 4G-DTU Cloud Server Technology
- Full water heater inverter
- RS485 Modbus Protocol



Model:	Product Code	28 kW Three Phase	50 kW Three Phase
		TS-HP28-290T-PH01	TS-HP50-290T-PH01
Heating Condition -Ambient Temp.(DB/WB): 7°C/6°C, Water inlet/outlet 30/35°C			
Heating Capacity Range	kW	8.18-28.0	13.63-50.00
Heating Power Input Range	kW	2.29-8.27	4.36-16.00
COP	W/W	3.29-4.69	3.12-4.62
CURRENT INPUT Range	A	3.74-13.72	6.97-25.6
Heating Condition -Ambient Temp.(DB/WB):2°C/1 , Water inlet/outlet 30/35°C			
Heating Capacity Range	kW	6.27-23.00	11.07-40.60
Heating Power Input Range	kW	2.14-7.84	3.77-13.83
COP	W/W	2.94-3.51	2.94-3.51
CURRENT INPUT Range	A	3.26-11.97	5.76-21.13
Heating Condition -Ambient Temp.(DB/WB):-7°C/- , Water inlet/outlet 50/55°C			
Heating Capacity Range	kW	4.87-17.00	8.47-30.00
Heating Power Input Range	kW	2.96-8.88	5.34-16.29
COP	W/W	1.83-2.85	1.83-2.79
CURRENT INPUT Range	A	4.52-13.57	8.01-23.95
Cooling Condition -Ambient Temp.(DB/WB):35°C/24°C , Water inlet/outlet 12/7°C			
Heating Capacity Range	kW	5.03-18.5	9.27-34.00
Heating Power Input Range	kW	2.49-9.24	3.91-14.35
COP	W/W	1.99-3.39	1.95-3.45
CURRENT INPUT Range	A	4.136-13.65	6.26-22.96
Heating Condition -Ambient Temp.(DB/WB): 20°C/15°C, Water inlet/outlet 15/55°C			
Hot Water Capacity Range	kW	8.9-38	16.36-70.00
Hot Water Power Input Range	kW	2.75-10.50	5.29-19.40
COP	W/W	3.31-4.58	3.21-4.65
CURRENT INPUT Range	A	4.60-17.00	8.22-30.14
Max.Hot Water capacity	L/h	817	1505
ERP Level (35°C)	/	A+++	
ERP Level (55°C)	/	A++	
SCOP @65°C		2.8	2.75
Max.Power Input	kW	12.6	24
Max. Current Input	A	17	30
Power Supply	V/Ph/Hz	380-415V/3N~50-60Hz	

Refrigerant	/	R290	
Sound Pressure (1m)	dB(A)	53	62
Sound Power Level EN12102	dB(A)	68	77
Operating Ambient Temperature	°C	-25~43	
Max. Outlet Water Temperature	°C	73	
Fan Motor Quantity	/	2	1
Fan Motor Type	/	DC Fan Motor	
Water Connection	inch	G1"	G1.5"
Max. Water Head	m	6.5	/
Refrigerant/Proper Input	g	1800	1500*2
CO2 Equivalent	Ton	0.0055	0.0092
Rated Water Flow	m3/h	3.4	5.85
Rated Water Pressure Drop	kpa	50	20
Circulation Pump Water Head	m	12.5	/
Net Weight	kg	202	490
Gross Weight	kg	223	560
Unit Dimension (L/W/H)	mm	1350/540/1330	1195/980/1900
Ship Dimension (L/W/H)	mm	1370/560/1350	1320/1100/2150
Loading Quantities in 40HQ	pcs	32	18
Display	/	5-inch color display	
Certifications	  		