



Heat Pump Water Heater (Commercial type)

Photo



S.No.	Model No.	RS-019TA1	RS-038TA1	RS-050TA1	RS-100TA1
1	Power Supply	380~415V/3/50Hz	380~415V/3/50Hz	380~415V/3/50Hz	380~415V/3/50Hz
2	Heating Capacity (kW)	17.5	36.1	50.0	100.0
3	Rated Power Input (kW)	4.1	8.3	11.47	22.6
4	COP	4.27	4.35	4.36	4.42
5	Max Power Input(kW)	6.9	13.2	16.77	36.5
6	Max Current(A)	12.3	23.5	31.5	68.1
7	Rated Hot Water Production (L/h)	375	775	1050	2100
8	Water Temp. Range (°C)	Default 55, 28~60			
9	Working temp. range(°C)	-15~43	-15~43	-25~43	-25~43
10	Anti-electric chock class	I			
11	Water proof grade	IPX4			
12	Refrigerant	R410A			
13	Compressor	Linda(Gree)/ Scroll	Linda(Gree)/ Scroll	Copeland /Danfoss/ Scroll	Copeland /Danfoss/ Scroll
14	Compressor qty.	1	2	1	2
15	Heat Exchanger(Condenser)	Coaxial Heat Exchanger(tube in tube) / 0.8mm/ copper			
16	Evaporator	Copper+ AL fin			
17	Fan	Aluminium			
18	Fan qty.	1	2	1	2
19	Expansion Valve	Electronic			
20	Outer Body	Galvanized sheet steel/ 1.0mm~3.0mm/ electroplate			
21	Controller	Wire controller with 15 meters wire (Easily Extendable)			
22	Defrosting	Auto			
23	Safeties	LP & HP Cutout, Current & Voltage, Overheat, Temperature, Pressure safeties			
24	Spare parts given with Order	For full container, will provide 0.5% of total amount spare parts by free of charge			
25	Warranty	Compressor 5 Yrs & Full Product 3 Yrs & Control system 2Yrs			
26	List of Accessories	Rubber shock absorber, Wire controller, Waterproof box, User Manual, controller power adaptor			
27	Max. working temp. water/gas(MPa)	0.8 / 4.4	0.8 / 4.4	0.8 / 4.4	0.8 / 4.4
28	Air Flow Direction	Vertical			
29	Water flow volume(L/h)	3,200	6,500	8,600	17,000
30	Water Pressure Drop(kPa)	50	60	65	75
31	Dimensions(L*W*H)(mm)	752×691×1055	1410×748×1050	1252×1076×1865	2248×2148×2176
32	Noise(dB)	≤65	≤65	≤65	≤70
33	Net Weight(kg)	160	259	450	800
34	Water connection(mm)	male 25	female 32	female 40	female 50
35	Gross Weight(kg)	168	269	462	665
36	Packing Dimensions(L*W*H)(mm)	792×741×1215	1460×798×1210	1252×1076×1865	2150×1078×2258
37	Loading QTY (20GP/40HQ)	22/88	11 / 44	8 / 18	5 / 10

Note * Heating Capacity at Air 20°C/15°C, Water Temperature from 15°C to 55°C