

Tenka Power Heat



Tenka Power Heat - Main benefits



Intelligent Defrost Feature
Automatically prevents frost buildup for efficiency



Modern R32 Refrigerant
Eco-friendly and energy-efficient refrigerant used



High-Quality Energy
Delivers consistent, reliable power output



Panasonic EVI Compressor
Durable, high-performance compressor technology



Sleek & Innovative Design
Stylish and modern aesthetic appeal



Controllable Remote Control
Easily to be operated from a distance

Tenka Power Heat

6KW

10KW

14KW

20KW

Power Supply (V/Ph/Hz)	220 ~ 240 / 1 / 50	380 ~ 415 / 3 / 50	380 ~ 415 / 3 / 50	380 ~ 415 / 3 / 50
Nominal Heating (Max) (A7/6°C, W30/35°C)	2.50 - 8.30	4.20 - 12.20	5.30 - 16.50	6.20 - 20.50
Heating Capacity (k/W)	0.57 - 1.92	0.86 - 2.88	1.15 - 4.15	1.36 - 5.28
Input Power (kW)	2.53 - 8.52	1.46 - 4.89	1.86 - 6.70	2.31 - 8.96
Input Current (A)	4.32 - 5.86	4.23 - 5.39	3.97 - 5.43	3.88 - 5.21
COP (W/W)	4.61 kW	7.68 kW	10.75 kW	12.29 kW
Nominal Heating (Max) (A7/6°C, W47/55°C)				
Heating Capacity (k/W)	2.30 - 7.62	3.85 - 11.20	4.90 - 15.10	6.30 - 19.90
Input Power (kW)	0.75 - 2.61	1.13 - 3.75	1.65 - 5.25	1.65 - 6.82
Input Current (A)	3.32 - 11.58	1.92 - 6.37	1.67 - 8.47	2.80 - 11.58
COP (W/W)	2.92 - 3.33	2.99 - 3.46	2.87 - 3.38	2.91 - 3.34
Nominal Cooling (Max) (A35/24°C, W12/ 7°C)				
Heating Capacity (k/W)	1.80 - 7.10	2.60 - 10.30	4.50 - 13.50	5.50 - 17.50
Input Power (kW)	0.61 - 2.43	0.91 - 3.65	1.45 - 4.85	1.65 - 6.25
Input Current (A)	2.71 - 10.78	1.55 - 6.20	2.34 - 7.82	2.80 - 10.61
General Data				
SCOP (Water temp. at 35°C)	4.58	4.48	4.5	4.53
SCOP (Water temp. at 55°C)	3.23	3.25	3.25	3.28
ERP Leve(l Outlet water temp. at 35°C)	A+++	A+++	A+++	A+++
ERP Leve(l Outlet water temp. at 55°C)	A++	A++	A++	A++
Rated Input Power (kW)	2.71	3.83	6.20	7.50
Rated Input Current (A)	12	6.5	10.5	13
Refrigerant / Weight (Kg)	R32 / 1.25	R32 / 1.8	R32 / 2.8	R32 / 3.5
Rated water flow (m3/h)	1.1	1.75	2.52	3.20
Fan quantity	1	1	1	1
Fan motor type	DC inverter			
Compressor	Panasonic / DC inverter / Rotary / EVI			
Circulating pump	Inverter type / Built-in			
IP Class	IPX4			
Sound pressure at 1m distance (dB(A))	49	52	54	55
Max outlet water temperature (°C)	60	60	60	60
Water piping connections (inch)	G1	G1	G1-1/4	G1-1/2
Pressure drop at rating water flow (kPa)	25	27	30	32
Operating temperature range (Heating mode) (°C)	-25 ~ 45			
Operating temperature range (Cooling mode) (°C)	16 ~ 45			
Product Dimensions (LxDxH) (mm)	1100 × 445 × 850	1100 × 445 × 850	1110 × 480 × 850	1110 × 445 × 1450
Product Weight (kg)	102	107	124	151