

EVI DC Inverter Heat Pump for heating, cooling and DHW (R32)

TOMMATECH Model		HP-TT-EVI-R32-MF-8.4	HP-TT-EVI-R32-TF-13	HP-TT-EVI-R32-TF-18.2	HP-TT-EVI-R32-TF-23
Heating Condition - Ambient Temp.(DB/WB): 7/6 °C, Water Temp.(In/Out): 30/35°C					
Heating Capacity Range (kW)		2.8~8.40	4.40~13.00	5.9~18.2	7.5~23.0
Heating Power Input Range(kW)		0.62~1.97	0.95~3.12	1.28~4.26	1.61~5.38
COP Range		4.26~4.52	4.17~4.63	4.27~4.61	4.28~4.66
DHW Condition - Ambient Temp.(DB/WB): 7/6 °C, Water Temp.(In/Out): 15/55 °C					
Heating Capacity Range (kW)		2.3~6.81	3.52~10.50	4.80~14.72	6.1~18.5
Heating Power Input Range (kW)		0.61~2.23	0.93~3.49	1.25~4.75	1.61~6.12
COP Range		3.05~3.77	3.01~3.78	3.10~3.84	3.02~3.79
Heated Water Output (L/H)		146	225	315	396
Cooling Condition - Ambient Temp.(DB/WB): 35/24 °C, Water Temp.(In/Out): 12/7 °C					
Cooling Capacity Range (kW)		2.1~6.22	2.80~8.20	3.81~11.53	4.73~14.6
Cooling Power Input Range (kW)		0.67~2.28	0.90~3.41	1.19~4.20	1.47~5.29
EER Range		2.73~3.13	2.40~3.11	2.75~3.20	2.76~3.22
Space Heating (According to EN14825:2022) Average Climate Water Outlet 35°C	Rated Heat Output (kW)	4,38	7,20	15,51	16,22
	Seasonal Space Heating Energy Efficiency (ηs)	175,4%	176,7%	179,6%	178,1%
	Seasonal Space Heating Energy Efficiency (SCOP)	4,46	4,49	4,57	4,53
	ErP Level	A+++	A+++	A+++	A+++
	Sound Pressure Level (dB(A)) at 1 meter	41	44	53	55
Space Heating (According to EN14825:2022) Average Climate Water Outlet 55°C	Sound Power Level (dB(A))	55	58	69	70
	Rated Heat Output (kW)	5,09	6,95	14,66	16,52
	Seasonal Space Heating Energy Efficiency (ηs)	129,1%	126,9%	135,0%	130,1%
	Seasonal Space Heating Energy Efficiency (SCOP)	3,30	3,25	3,45	3,33
	ErP Level	A++	A++	A++	A++
Sound Pressure Level (dB(A)) at 1 meter		48	48	57	57
	Sound Power Level (dB(A))	63	62	73	72
Power Supply		230V/1Ph/50Hz/60Hz	380V/3Ph/50-60Hz		
Max. Power Input(kW)		3.6	4.5	6.5	7.35
Max. Current (A)		16.5	8.5	12.3	14
Fuse or Circuit Breaker (A)		25	16	20	25
Wire Diameter (mm ²)		4mm ²	2.5mm ²	4mm ²	4mm ²
Diameter of Pipe (mm)		DN25	DN25	DN25	DN25
Water Flow (m ³ /h)		1,5	2,2	3,2	3,9
Water Pressure Drop (max) kPa		30	35	40	45
Net Weight (kg)		105	115	160	165
Body Size (W*D*H) (mm)		992×488×813	1102×490×964	1075×510×1376	1075×510×1376
Packing Size (W*D*H) (carton)		1020×510×930	1120×505×1075	1110×525×1490	1110×525×1490
Loading Quantity (carton)		48/96	48/96	24/48	24/48
Loading Quantity (plywood)		44/88	44/88	22/44	22/44
IP Grade (Level of Protection)		IPX4			
Anti-electric Shock Rate		I			
Refrigerant		R32			
Compressor	Brand	Panasonic			
Water Pump	Brand	SHIMGE			
Operation Ambient Temp. (°C)		-30~43°C			
Operating Water Temperature (°C)		28~55°C(DHW)			
Operating Water Temperature (°C)		15~55°C(Heating)			
Operating Water Temperature (°C)		7~30°C(Cooling)			

Note:

The above specifications are subject to change without prior notice for product improvement. For final parameters, please refer to the nameplate on the machine.