

Duct Type

MODEL			TTBIT-96HWN1	TTA-120HRN1	THA-192HWN1
Indoor power supply			220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz
Cooling	Capacity (T1/T3)	Btu/h	96,000 / 87,860	119,400 / 102,400	192,00
		kW	28.1 / 25.75	35.0 / 30.0	56.3
	Input (T1/T3)	kW	9.6 / 15.00	12.0 / 13.25	22.0
	EER (T1)	W/W	2.93	2.92	2.56
Heating	Capacity	Btu/h	106	130,00	200,00
		kW	31.1	38.0	58.6
	Input	kW	10.3	12.6	19.3
	COP	W/W	3.02	3.02	3.04
Max. power input		kW	1,400 (IDU)	17,300 (Whole units)	4,690 (Indoor unit)
Max. current		A	5.8 (IDU)	28.6 (Whole units)	20.9 (Indoor unit)
Air flow (Hi)		m3/h	5,100 (3,000CFM)	6,375 (3,750CFM)	10,800 (6,350CFM)
Standard external static pressure		Pa	100	150	196
Noise level (Hi)		dB(A)	56	63	65
Fan type / Drive type			Centrifugal / Direct	Centrifugal / Direct	Centrifugal / Direct
Coil			Copper tube and aluminum fin	Copper tube and aluminum fin	Copper tube and aluminum fin
Controller			Wired controller	Wireless controller	Wired controller
Dimension	Net (W×H×D)	mm	1452×462×797	1,988×669×906	1,988×669×906
	Packing (W×H×D)	mm	1,555×500×875	2,095×800×964	2,095×800×964
Net / Gross weight		kg	97 / 109	188 / 220	215 / 230
Outdoor unit model			TOVTA-96HN1-R	TOV-120HN1-C	TOV-192HN1-R
Outdoor unit power supply			380-415V, 3Ph~, 50Hz	380-400V, 3Ph~, 50Hz	380-415V, 3Ph~, 50Hz
Max. power input		kW	14.4 (ODU)	17.3 (Whole units)	32.2 (Outdoor unit)
Max. current		A	23.7 (ODU)	28.6 (Whole units)	53.8 (Outdoor unit)
Air flow rate		m3/h	12,5	13	16.000
Noise level		dB(A)	68	69	73
Compressor(Type / Quantity)			Scroll / 1	Scroll / 1	Scroll / 3
Refrigerant(Type / Quantity)			R410A / 6.0kg	R410A / 7.2kg	R410A / 11.8kg
Fan type / Drive type			Axial / Direct	Axial / Direct	Axial / Direct
Coil			Copper tube and aluminum fin	Copper tube and aluminum fin	Copper tube and aluminum fin
Refrigerant piping size		mm	Ø12.7(Liquid), Ø25(Gas)	Ø 12.7(Liquid), Ø 28.6(Gas)	Ø 16 (Liquid), Ø 35 (Gas)
Ambient temperature	Cooling	°C	17~52	17~52	17~46
	Heating	°C	-7~24	-7~24	-7~24
Dimension	Body (W×H×D)	mm	1,312×919×658	1,260×908×700	1,390×1,615×765
	Packing (W×H×D)	mm	1,320×1,060×730	1,320×1,060×730	1,455×1,790×830
Net / Gross weight		kg	177 / 192	201 / 217	320 / 336

Indoor Unit



Outdoor Unit



Commercial series