

TROPICAL Cassette Units inverter

Model	Indoor Unit		TCI3D-24000	TCI3D-30000	TCI3D-36000	TCI3D-48000	TCI3D-60000
	Outdoor Unit		TODI3D-24000U	TODI3D-30000U	TODI3D-36000U	TODI3D-48000U	TODI3D-60000U
Power Supply	V/O/Hz		220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Capacity	Cooling	kW	7.03 (3.30 - 7.91)	8.79 (2.23 ~ 9.38)	10.55 (2.70 - 11.43)	14.07 (3.52 - 15.83)	15.24 (4.10 - 16.71)
	Heating	kW	7.62 (2.81 - 8.94)	9.38 (2.70 ~ 9.73)	11.14 (2.78 - 12.30)	16.12 (4.10 - 17.29)	18.17 (4.40 - 19.93)
Power Input	Cooling Heating	kW	2.32 (0.78 - 2.74) 1.90 (0.61 - 2.70)	2.75 (0.19 ~ 3.00) 2.45 (0.43 ~ 2.55)	3.95 (0.90 - 4.20) 3.00 (0.80 - 3.95)	4.65 (0.80 - 5.90) 4.58 (0.90 - 5.50)	5.00 (0.98 - 6.20) 5.55 (1.02 - 6.70)
SEER	Cooling	W/W	6.2	6.6	6.7	6.1	6.3
SCOP	Heating	W/W	4.0	4.2	4.0	4.0	4.0
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++
	Heating		A+	A+	A+	A+	A+
Running Current	Cooling Heating	A	10.20 (4.20 - 12.00) 8.50 (3.60 - 12.10)	12.00 (2.00 ~ 13.00) 11.00 (3.00 ~ 11.50)	17.50 (4.20 - 18.50) 13.50 (3.50 - 17.50)	8.10 (1.80 - 10.20) 8.00 (1.90 - 9.50)	8.60 (2.10 - 10.70) 9.60 (2.10 - 10.70)
Air Flow (indoor unit)		m3/h	1300 / 1140 / 1000	1720 / 1550 / 1400	1700 / 1550 / 1380	1970 / 1780 / 1580	2000 / 1850 / 1650
Sound Pressure (indoor unit)		dB(A)	45.5 / 42.5 / 39.5 / 27	49.5 / 47 / 44 / 38.5	50 / 47.5 / 44.5 / 39	51 / 48.5 / 46.5 / 37.5	53 / 50.5 / 48 / 40
Sound Power (indoor unit)		dB(A)	59	63	64	66	66
Air Flow (outdoor unit)		m3/h	3500	3800	4000	7500	7500
Sound Pressure (outdoor unit)		dB(A)	60	62	63	63.5	64
Sound Power (outdoor unit)		dB(A)	69	70	70	74	75
Dimentions W x D x H Weight	Indoor Unit	mm	830 x 830 x 205	830 x 830 x 245	830 x 830 x 245	830 x 830 x 287	830 x 830 x 287
		kg	21.6	24.6	27.2	29.3	29.3
	Outdoor Unit	mm	890 x 342 x 673	946 x 410 x 810	946 x 410 x 810	952 x 415 x 1333	952 x 415 x 1333
		kg	43.9	52.8	66.9	103.7	107
Refrigerant piping (liquid / gas)		mm	9.52 / 15.9	9.52 / 15.9	9.52 / 15.9	9.52 / 15.9	9.52 / 15.9
Max. refrigerant pipe length		m	50	50	75	75	75
Max. difference in level		m	25	25	30	30	30
Operation Temperature	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant / Charged (kg)			R32 / 1.50	R32 / 2	R32 / 2.40	R32 / 2.90	R32