

TROPICAL Ducted Units inverter

Model	Indoor Unit		TDI3D-18000	TDI3D-24000	TDI3D-30000	TDI3D-36000	TDI3D-48000	TDI3D-60000
	Outdoor Unit		TODI3D-18000U	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	220-240 / 1 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Capacity	Cooling	kW	5.28 (2.55 - 5.86)	7.03 (3.28 - 8.16)	8.79 (2.23 - 9.85)	10.55 (2.75 - 11.14)	14.07 (3.52 - 15.53)	15.24 (4.10 - 17.29)
	Heating	kW	5.57 (2.20 - 6.15)	7.62 (2.81 - 8.49)	9.38 (2.70 - 10.02)	11.72 (2.78 - 12.78)	16.12 (4.10 - 18.17)	18.17 (4.40 - 20.52)
Power Input	Cooling	kW	1.53 (0.71 - 2.15)	2.19 (0.75 - 2.96)	2.50 (0.19 - 3.05)	3.95 (0.90 - 4.15)	4.80 (0.88 - 6.00)	5.25 (1.03 - 6.65)
	Heating	kW	1.51 (0.74 - 1.76)	1.90 (0.64 - 2.58)	2.25 (0.43 - 2.45)	3.25 (0.80 - 3.95)	4.50 (0.95 - 5.70)	5.15 (0.95 - 6.60)
SEER	Cooling	W/W	6.5	6.2	6.5	6.2	6.1	6.1
SCOP	Heating	W/W	4.0	4.0	4.0	4.0	3.8	4.0
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	A++
	Heating		A+	A+	A+	A+	A	A+
Static Pressure	Nominal	Pa	25	25	37	37	50	50
	Range		0 ~ 100	0 ~ 160	0 ~ 160	0 ~ 160	0 ~ 160	0 ~ 160
Running Current	Cooling	A	7.1 (3.2 - 9.56)	10.2 (4.2 - 13.2)	11.0 (2.0 - 13.5)	17.5 (4.2 ~ 18.5)	8.4 (1.9 - 10.4)	9.6 (3.1 - 11.5)
	Heating	A	6.8 (3.3 - 7.70)	9.2 (3.8 - 11.6)	10.0 (3.0 - 10.7)	14.5 (3.5 - 17.5)	8.0 (2.0 - 9.80)	9.5 (2.0 - 11.5)
Air Flow (indoor unit)		m3/h	911 / 706.3 / 515.2	1229 / 1035 / 825.1	2100 / 1800 / 1500	2100 / 1800 / 1500	2400 / 2040 / 1680	2600 / 2210 / 1820
Sound Pressure(indoor unit)		dB(A)	41 / 38 / 34 / 26	42 / 40 / 37 / 27	50 / 46.5 / 45 / 40.5	49.5 / 48 / 46 / 42	50 / 49 / 47 / 42	52.5 / 49 / 47
Sound Power (indoor unit)		dB(A)	58	62	64	61	66	66
Air Flow (outdoor unit)		m3/h	2100	3500	3800	4000	7500	7500
Sound Pressure (outdoor unit)		dB(A)	56	60	62	63	63.5	64
Sound Power (outdoor unit)		dB(A)	65	69	70	70	74	75
Dimentions W x D x H Weight	Indoor Unit	mm	880 x 674 x 210	1100 x 774 x 249	1360 x 774 x 249	1360 x 774 x 249	1200 x 874 x 300	1200 x 874 x 300
		kg	24.4	32.3	40.5	40.5	47.6	47.4
	Outdoor Unit	mm	805 x 330 x 554	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	32.5	43.9	52.8	66.9	103.7	107
Refrigerant piping (liquid / gas)		mm	6.35 / 12.7	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	30	50	50	75	75	75
Max. difference in level		m	20	25	25	30	30	30
Operation Temperature	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant / Charged (kg)			R32 / 1.15	R32 / 1.50	R32 / 2	R32 / 2.40	R32 / 2.90	R32