



TURQUOISE 18 SERIES

Protection. Calm. Healing.

As the turquoise is the stone of warriors, its strength is unsurpassed...



Pan Heater



Wifi Included



Dehumidifying



Intelligent Defrosting



Comfortable Sleep Mode



LED Display



Self-Diagnosis



Multiple Fan Speeds



Heated Belt Around Compressor



Optional Wired Controller



Intelligent Pre-Heating



Memory Function



Fan Delay Function



Control Lock

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TURQUOISE 18 SERIES



MODEL		TW09HQ3C2A	TW12HQ3C2A	TW09HQ3C2D	TW12HQ3C2D	TW18HQ3C2D	TW24HQ3C2D	
Function		Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	
Power Supply	Ph / V / Hz	1/115/60	1/115/60	1/208-230/60	1/208-230/60	1/208-230/60	1/208-230/60	
Rated Current	Cooling	10.87	13	4	5.1	8.1	8.92	
	Heating	10.65	13.8	6	6.88	13	12.2	
SYSTEM PERFORMANCE								
Dehumidification	pt/h	1.69	2.96	1.69	2.96	3.8	4.23	
Capacity	Cooling	BTU/h 9000 (2764-9724)	12000 (3753-12500)	9000 (3100-9600)	12000 (3753-12500)	18000 (3412-20472)	22000 (8600-24000)	
	Heating	BTU/h 9500 (2081-12283)	13000 (3412-15013)	9500 (3100-12000)	13000 (3924-14000)	19800 (3412-21837)	24000 (8600-26000)	
SEER/ER		18/10	18/10.05	18/10.6	18/10.4	18/9.89	18/10.95	
HSPF/COP		9/3.2	9/3.05	9/3.28	9/3.05	9/2.78	10/3.30	
AHRI Rating		201759128	201760718	201760719	201760720	201760928	201761397	
INDOOR UNIT		TW09HQ3C2AI	TW12HQ3C2AI	TW09HQ3C2DI	TW12HQ3C2DI	TW18HQ3C2DI	TW24HQ3C2DI	
Airflow Volume	CFM	171-318	194-400	171-318	194-400	294-500	441-706	
Sound Pressure Level	dB(A)	28-43	29-43	28-43	29-43	35-47	36-49	
Unit Dimensions	WxHxD	mm	790×275×200	845×289×209	790×275×200	845×289×209	970×300×224	1078×325×246
		inch	33.1×10.8×7.9	33.3×11.4×8.2	31.1×10.8×7.9	33.3×11.4×8.2	38.2×11.8×8.8	42.4×12.8×9.7
Net Weight/ Gross Weight	kg	9.5/11.5	10.5/12.5	9.5/11.5	10.5/12.5	14/17	17/20.5	
	lb	20.9/25.4	23.2/27.6	20.9/25.4	23.2/27.6	30.9/37.5	37.5/45.2	
OUTDOOR UNIT		TW09HQ3C2AO	TW12HQ3C2AO	TW09HQ3C2DO	TW12HQ3C2DO	TW18HQ3C2DO	TW24HQ3C2DO	
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Sound Pressure Level	dB(A)	52	53	52	53	57	58	
Unit Dimensions	WxHxD	mm	848×540×320	848×540×320	776×540×320	776×540×320	955×700×396	955×700×396
		inch	33.4X21.3X12.6	33.4X21.3X12.6	30.6X21.3X12.6	30.6X21.3X12.6	37.6X27.6X15.6	37.6X27.6X15.6
Net Weight/ Gross Weight	kg	28.5/31	30.5/33	29/31.5	31.5/34	44/48.5	47/51.5	
	lb	62.8/68.4	67.3/72.8	63.9/69.5	69.5/75	97/106.9	103.6/113.6	
Refrigerant/Charge	oz.	R410a/24.7	R410a/31.8	R410a/24.7	R410a/31.8	R410a/45.86	R410a/56.4	
INSTALLATION REQUIREMENTS								
Line Set Size (Liquid x Gas)	in	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 1/2"	1/4" x 5/8"	
Max. Pipe Length	ft.	65.6	98.4	100	100	100	100	
Max. Elevation	ft.	32.8	49.2	65	65	65	65.6	
MCA	A	17	20	9	9	16	16	
MOCP	A	25	25	15	15	25	25	
Wire Size/# Wires		AWG12	AWG12	AWG16	AWG16	AWG14	AWG14	

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