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TOSOT

Technology, Outstanding, Style, Originality & Trust



R410A

Charmo 19

- Fast Cooling With Meticulous Care
- Easy Installation and Cleaning
- Self-cleaning Function
- 3D Air Outlet
- 7 Indoor Fan Speeds

SCAN QR CODE FOR MORE INFO



HEAT PUMP

Model		TW09HXCA5AO	TW12HXCA5AO	TW09HXCA5DO	TW12HXCA5DO	TW18HXCA5DO	TW24HXCA5DO
SYSTEM PARAMETER							
Cooling Temperature Range	°F / °C	0 ~ 118 / -18 ~ 48					
Heating Temperature Range	°F / °C	-13 ~ 75 / -25 ~ 24					
Refrigerant Type		R410A					
Compressor Type		Regular Rotary					
Metering Device		Capilliary					Electronic Expansion Valve
Dimensions (W x H x D)	in	28 13/16 x 21 7/8 x 13				31 5/8 x 21 7/8 x 13 13/16	37 3/4 x 26 x 15 7/8
Weight (Net / Gross)	lbs	59.5 / 65.0	59.5 / 65.0	56.2 / 61.7	57.3 / 62.8	71.7 / 77.2	97.0 / 106.9
Sound Pressure Level	dB(A)	47	48	47	48	54	54
All-match Compatible		No					
REFRIGERANT PIPING							
Refrigerant Pre-charged (R410A)	oz	24.3	24.7	24.7	27.5	44.1	52.9
Line Set Size (Liquid - Gas) - Flared Connections	in	Line Set Sized by Indoor Unit Valve Size					
Pre-Charged Length	ft	25					
Max Distance / Elevation	ft	66 / 40				131 / 82	
ELECTRICAL							
Power Supply		208 - 230V / 1Ph / 60Hz					
MCA / MOCP	A	16 / 20	23 / 30	9 / 15	11 / 15	14 / 20	15 / 20
Main Power Wire Size	AWG	Per Local Code					
Interconnecting Wire Size	AWG	14 / 4					



WALLMOUNT

Model		TW09HXCA5AI	TW12HXCA5AI	TW09HXCA5DI	TW12HXCA5DI	TW18HXCA5DI	TW24HXCA5DI
SYSTEM PARAMETER							
Cooling Capacity	Btu/h	9,100	12,000	9,100	12,000	17,600	22,000
Heating Capacity	Btu/h	10,000	12,000	10,000	12,000	19,100	24,000
SEER2 / EER2		19.5 / 11.3	17.5 / 8.7	19.5 / 11.3	17.5 / 8.7	17.5 / 10.1	18.0 / 11.6
HSPF2 / COP		8.6 / 3.6	8.5 / 3.5	8.8 / 3.8	8.5 / 3.5	8.5 / 3.2	8.5 / 3.4
Heating Capacity at 5°F / -15°C		7,500	8,500	7,500	8,500	11,800	15,000
INDOOR UNIT DATA							
Air Flow (Min - Max)	CFM	159 - 353	182 - 424	159 - 353	182 - 424	283 - 618	412 - 677
Sound Pressure Level (Min - Max)	dB(A)	26 - 41	27 - 47	26 - 41	27 - 47	32 - 50	36 - 51
Dimensions (W x H x D)	in	32 7/8 x 10 7/8 x 7 7/8				37 1/8 x 13 1/8 x 9 11/16	42 7/16 x 13 1/8 x 9 11/16
Weight (Net / Gross)	lbs	19.8 / 24.3				28.7 / 34.2	33.1 / 39.7
REFRIGERANT PIPING							
Line Set Sized by Indoor Unit (Liquid - Gas)	in	1/4" - 3/8"				1/4" - 1/2"	1/4" - 5/8"
ELECTRICAL							
Power Supply		208 - 230V / 1Ph / 60Hz (Powered by the Outdoor Unit)					

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