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TOSOT

Technology, Outstanding, Style, Originality & Trust

R410A

Multi Pular

- High Efficiency
- Up to 21.0 SEER2 / 10.0 HSPF2
- Heat & Cool Up to 5 Zones with Single Outdoor Unit
- Ideal for Residential & Commercial Spaces

The highly versatile Multi GEN2 systems, featuring G10 inverter-driven compressor and eco-friendly R410A refrigerant, are among the most innovative ductless split heat pumps available today. Our advanced G10 inverter technology gives you maximum efficiency to reduce your energy consumption.



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HEAT PUMP

Model		TM18HX4O	TM24HX4O	TM30HX4O	TM36HX4O	TM42HX4O
SYSTEM PARAMETER (NON-DUCTED INDOOR UNITS)						
Cooling Capacity	Btu/h	17,000	23,000	28,000	34,000	36,000
Heating Capacity	Btu/h	18,000	24,000	30,000	36,000	40,000
SEER2 / EER2		21.0 / 12.0	21.0 / 12.5	21.0 / 12.5	21.0 / 12.0	21.0 / 12.0
HSPF2 / COP		10.0 / 3.8	10 / 3.9	10.0 / 3.9	10.0 / 3.6	10.0 / 3.9
SYSTEM PARAMETER (DUCTED INDOOR UNITS)						
Cooling Capacity	Btu/h	17,000	23,000	28,000	34,000	36,000
Heating Capacity	Btu/h	18,000	24,000	30,000	36,000	40,000
SEER2 / EER2		16.0 / 11.0	16.0 / 11.0	16.0 / 11.0	16.0 / 11.0	16.0 / 11.0
HSPF2 / COP		8.0 / 8.3	8.0 / 3.4	8.0 / 3.3	8.0 / 3.3	8.0 / 3.5
SYSTEM PARAMETER (MIXED DUCTED & NON-DUCTED INDOOR UNITS)						
Cooling Capacity	Btu/h	17,000	23,000	28,000	34,000	36,000
Heating Capacity	Btu/h	18,000	24,000	30,000	36,000	40,000
SEER2 / EER2		18.5 / 11.5	18.5 / 11.8	18.5 / 11.8	18.5 / 11.5	18.5 / 11.5
HSPF2 / COP		9.0 / 3.6	9.0 / 3.7	9.0 / 3.7	9.0 / 3.4	9.0 / 3.6
OUTDOOR UNIT DATA						
Cooling Temperature Range	°F / °C	-22 ~ 118 / -30 ~ 48				
Heating Temperature Range	°F / °C	-22 ~ 75 / -30 ~ 24				
Refrigerant Type		R410A				
Compressor Type		High Speed Rotary				
Metering Device		Electronic Expansion Valve				
Sound Pressure Level	dB(A)	47	51	54		
Dimensions (W x H x D)	in	32 3/8 x 21 11/16 x 13 7/8	38 x 26 x 15 7/8	40 13/16 x 32 9/16 x 16 13/16		
Weight (Net / Gross)	lbs	77.2 / 82.7	114.6 / 124.6	152.1 / 167.6	172.0 / 187.4	174.21 / 189.6
Max Indoor Units		2	3	4	4	5
REFRIGERANT PIPING						
Refrigerant Pre-charged (R410A)	oz	45.9	84.6	105.8	130.5	134
Line Set Size (Liquid - Gas) - Flared Connections	in	Line Set Sized by Indoor Unit Valve Size				
Pre-Charged Length	ft	33	98	131		164
Max Distance / Elevation	ft	66 / 49		82 / 82		
ELECTRICAL						
Power Supply		208 - 230V / 1Ph / 60Hz				
MCA / MOCP	A	15 / 20	19 / 25	23 / 25	29 / 45	29 / 45
Main Power Wire Size	AWG	Per Local Code				
Interconnecting Wire Size	AWG	14 / 4				



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WALLMOUNT / CHARMO 19



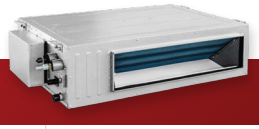
Model		TW07HXCA5DI	TW09HXCA5DI	TW12HXCA5DI	TW18HXCA5DI	TW24HXCA5DI
SYSTEM PARAMETER						
Cooling Capacity	Btu/h	7,000	9,100	12,000	17,600	22,000
Heating Capacity	Btu/h	8,000	10,000	12,000	19,100	24,000
Air Flow (Min - Max)	CFM	135 - 258	159 - 353	182 - 424	283 - 618	412 - 677
Dehumidification	pt/h	1.27	2.96	2.96	3.80	5.28
Sound Pressure Level (Min - Max)	dB(A)	24 - 39	26 - 41	27 - 47	32 - 50	36 - 51
Dimensions (W x H x D)	in	27 7/8 x 10 1/4 x 7 5/16	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	16.0 / 19.0	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)				

WALLMOUNT / PULAR 25



Model		TW09HXP2A1DI	TW12HXP2A1DI	TW18HXP2A1DI	TW24HXP2A1DI
SYSTEM PARAMETER					
Cooling Capacity	Btu/h	9,100	12,000	18,000	22,000
Heating Capacity	Btu/h	10,500	12,000	18,000	24,000
Air Flow (Min - Max)	CFM	159 - 353	182 - 424	283 - 618	412 - 677
Dehumidification	pt/h	1.69	2.96	3.80	5.07
Sound Pressure Level (Min - Max)	dB(A)	25 - 40	27 - 43	29 - 49	34 - 52
Dimensions (W x H x D)	in	32 1/2 x 11 9/16 x 7 3/4		38 11/16 x 12 1/4 x 8 3/4	42 3/8 x 13 1/8 x 9 11/16
Weight (Net / Gross)	lbs	20.9 / 25.4		28.7 / 35.3	35.3 / 41.9
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)			

INDOOR UNIT / SLIM DUCT - HIGH ESP



Model		TM09HSFDI	TM12HSFDI	TM18HSFDI	TM24HSFDI
SYSTEM PARAMETER					
Cooling Capacity	Btu/h	9,000	12,000	18,000	24,000
Heating Capacity	Btu/h	9,500	13,000	19,000	27,000
Air Flow (Min - Max)	CFM	188 - 324	212 - 353	288 - 589	406 - 736
Dehumidification	pt/h	1.70	3.00	3.80	5.30
Sound Pressure Level (Min - Max)	dB(A)	25 - 36	26 - 38	26 - 39	28 - 42
Dimensions (W x H x D)	in	32 11/16 x 11 7/8 x 29 11/16		44 1/2 x 11 7/8 x 29 3/4	
Weight (Net / Gross)	lbs	71.0 / 84.0		93.0 / 107.0	
REFRIGERANT PIPING					
Line Set Sized by Indoor Unit (Liquid - Gas)	in	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	
ELECTRICAL					
Power Supply		208 - 230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			

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INDOOR UNIT / CASSETTE

Model		TM12HBKDI	TM18HBKDI	TM24HBKDI
SYSTEM PARAMETER				
Cooling Capacity	Btu/h	12,000	14,400	22,800
Heating Capacity	Btu/h	13,500	16,000	27,400
Air Flow (Min - Max)	CFM	256 - 383	265 - 418	518 - 753
Dehumidification	pt/h	3.00	3.80	5.30
Sound Pressure Level (Min - Max)	dB(A)	34 - 44	35 - 47	36 - 47
Dimensions (W x H x D)	in	23 ½ x 9 ½ x 23 ½	23 ½ x 9 ½ x 23 ½	37 ½ x 12 ⅛ x 37 ½
Weight (Net / Gross)	lbs	55.0 / 66.2	56.3 / 67.3	72.8 / 88.2
REFRIGERANT PIPING				
Line Set Sized by Indoor Unit (Liquid - Gas)	in	¼" - ⅜"	¼" - ½"	⅜" - ⅝"
ELECTRICAL				
Power Supply		208 - 230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		



INDOOR UNIT / CONSOLE

Model		TM09HEDI	TM12HEDI	TM18HEDI
SYSTEM PARAMETER				
Cooling Capacity	Btu/h	8,874	11,946	18,089
Heating Capacity	Btu/h	9,556	12,969	19,795
Air Flow (Min - Max)	CFM	294	353	383
Dehumidification	pt/h	1.85	2.92	3.78
Sound Pressure Level (Min - Max)	dB(A)	25 - 40	27 - 42	27 - 38
Dimensions (W x H x D)	in		27 ½ x 24 x 8 ½	
Weight (Net / Gross)	lbs		33.0 / 40.0	
REFRIGERANT PIPING				
Line Set Sized by Indoor Unit (Liquid - Gas)	in	¼" - ⅜"		¼" - ½"
ELECTRICAL				
Power Supply		208 - 230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		



SLIM DUCT



CASSETTE



CONSOLE

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