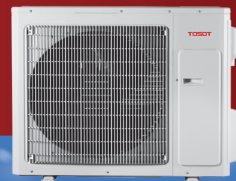




TOSOT

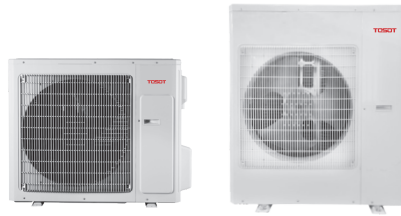
- HIGH EFFICIENCY,
UP TO 23 SEER /
10.5 HSPF
- IDEAL FOR HARSH
CLIMATES:
-31 °F - 118 °F
- CONNECT UP TO
5 INDOOR UNITS
(ZONES) TO OUT-
DOOR SYSTEM
- 5 OPTIONS FOR
INDOOR UNIT

The Multi ULTRA heat pump units provide ULTRA heating & cooling powered by the 2 stage / 3 cylinder variable speed compressor. Each outdoor coil has corrosion-resistant, acrylic resin coil coating to maintain energy efficiency in the harshest climates.



OPTIMAL PERFORMANCE IN
THE MOST CHALLENGING CLI-
MATES... -31°F - 118°F.





SYSTEM TYPE

HEAT PUMP

Model		TM18H50	TM24H50	TM36H50	TM42H50
Number of Zones		2	2-3	2-4	2-5
SYSTEM PERFORMANCE					
Cooling Capacity (Min-Max)	Btu/h	18000 (6998 - 21001)	22000 (7500 - 30000)	36000 (8871 - 40000)	42000 (8871 - 42991)
Heating Capacity (Min-Max)	Btu/h	21000 (7000 - 26000)	26000 (7500 - 31000)	36000 (8871 - 42514)	42000 (8871 - 46062)
SEER / EER		23 / 12.5	23 / 12.5	23 / 9	23 / 9
HSPF / COP		10.5 / 3.6	10.5 / 3.6	10.5 / 3.2	10.5 / 3.4
AHRI NUMBER		Yes	Yes	No	No
SYSTEM PERFORMANCE (Ducted Indoor Units)					
Cooling Capacity (Min-Max)	Btu/h	18000 (6998 - 21001)	22000 (7500 - 30000)	36000 (8871 - 40000)	42000 (8871 - 42991)
Heating Capacity (Min-Max)	Btu/h	21000 (7000 - 26000)	26000 (7500 - 31000)	36000 (8871 - 42514)	42000 (8871 - 46062)
SEER / EER		14 / 8.5	14 / 8.5	14 / 7.5	14 / 7.5
HSPF / COP		9 / 3.6	9 / 3.6	9 / 3.2	9 / 3.4
Energy Star®		No			
OUTDOOR UNIT					
Cooling Capacity Range	°F	0 - 115	0 - 115	0 - 115	0 - 115
Heating Capacity Range	°F	-31 - 75	-31 - 75	-31 - 75	-31 - 75
Compressor Type		G - 10 / 2 - STAGE INVERTER			
Sound Pressure Level (Cooling / Heating)	dB(A)	58 / 58	60 / 60	62 / 62	62 / 62
Unit Dimension (WxHxD)	in	37 5/8 x 15 5/8 x 27 5/8	38 5/8 x 16 13/16 x 31 1/8	42 13/16 x 17 5/16 x 43 7/16	42 13/16 x 17 5/16 x 43 7/16
Package Dimension (WxHxD)	in	40 7/16 x 17 7/8 x 28 7/8	42 1/2 x 19 1/8 x 33 1/8	45 1/2 x 18 7/8 x 45 1/2	45 1/2 x 18 7/8 x 45 1/2
Weight (Net / Gross)	lbs	78 / 183	174 / 185	280 / 298	282 / 291
Refrigerant Charge - R410A	OZ	77.6	95.2	158.7	176.3
Coil Type		Aluminum Fin - Copper Tube / Acrylic Resin Protection			
REFRIGERANT PIPING					
Line Set Size (Liquid - Gas)	Port A (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)			1/4 - 3/8	1/4 - 3/8
	Port E (in)				1/4 - 3/8
Pre-Charge Length	ft	66	98	131	131
Pipe Length (Min/ Max)	ft	10 / 164	10 / 230	10 / 246	10 / 246
Max. Pipe Elevation	ft	26	49	49	49
Pipe Length to furthest Indoor Unit	ft	82			
ELECTRICAL					
Power Supply		208 - 230V / 1Ph / 60Hz			
Rated Current Cooling	amps	22	26	32	32
Rated Current Heating	amps	22	26	32	32
MCA	amps	20	23	36	38
MOCP	amps	35	40	60	60
Main Power Wire Size	AWG	Per Local Code			
Interconnecting Wire Size	AWG	14 / 4			