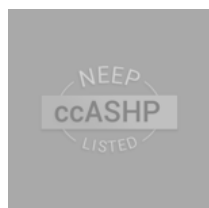


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### TOSOT M-Series

Central Air Conditioning Heat Pump (HP)

Multizone All Non-Ducted

AHRI Cert #: **211727022**

Outdoor Unit Model #: **TM24HMO**

Indoor Model #:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **21,600**

🔥 Rated Heating Capacity (Btu/h) @47°F: **24,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F: **23,200**

[Basic View](#) ⓘ

[Advanced Data - Sizing for Heating](#)

#### Information Tables

<b>Brand</b>	TOSOT
<b>Series</b>	M-Series
<b>Ducting Configuration</b>	Multizone All Non-Ducted
<b>AHRI Certificate #</b>	211727022
<b>Outdoor Unit Model #</b>	TM24HMO
<b>Indoor Model #</b>	
<b>Indoor Unit Type</b>	Non-Ducted Indoor Units
<b>Furnace Model #</b>	
<b>EER</b>	
<b>SEER</b>	
<b>HSPF (Region IV)</b>	
<b>EER2</b>	12.5
<b>SEER2</b>	21
<b>HSPF2 (Region IV)</b>	10
<b>HSPF2 (Region V)</b>	7.8
<b>ENERGY STAR V6.1</b>	✓
<b>ENERGY STAR V6.1 Cold Climate</b>	✓
<b>ENERGY STAR V5.0</b>	
<b>Federal Tax Credit Eligibility North</b>	✓
<b>Federal Tax Credit Eligibility South</b>	
<b>Capacity Maintenance (Rated 17°F/Rated 47°F)</b>	98%
<b>Capacity Maintenance (Rated 5°F/Rated 47°F)</b>	90%
<b>Capacity Maintenance (Max 5°F/Rated 47°F)</b>	90%
<b>Variable Capacity</b>	✓
<b>Integration</b>	
<b>Connectivity</b>	

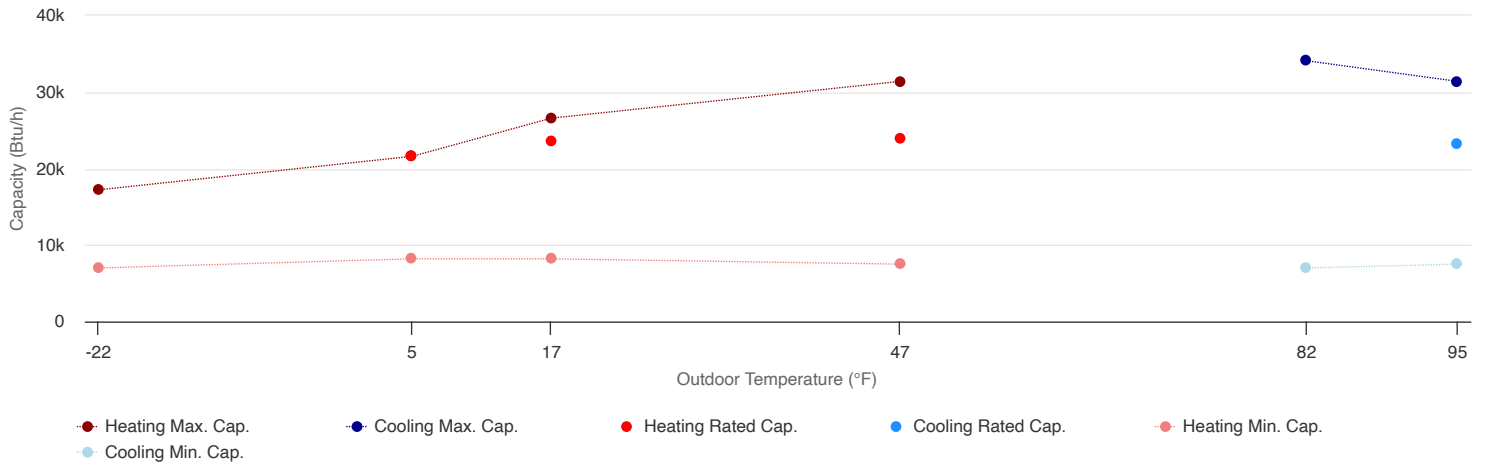
#### Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Cooling	95°F	80°F	Btu/h	7,500	23,200	31,400
			kW	0.55	1.85	2.97
			COP	4	3.68	3.1
Cooling	82°F	80°F	Btu/h	7,000	-	34,100
			kW	0.45	-	2.78
			COP	4.56	-	3.59
Heating	47°F	70°F	Btu/h	7,500	24,000	31,400
			kW	0.56	1.8	2.87
			COP	3.93	3.91	3.21
Heating	17°F	70°F	Btu/h	8,200	23,600	26,600
			kW	0.75	2.96	3.12
			COP	3.2	2.34	2.5
Heating	5°F	70°F	Btu/h	8,200	21,600	21,600
			kW	0.96	3.01	3.01
			COP	2.5	2.1	2.1
Heating	-22°F	70°F	Btu/h	7,000	-	17,220
			kW	1.36	-	3.2
			COP	1.51	-	1.58

**Operational Diagnostics**

<b>Refrigerant</b>	R410A
<b>Sold In</b>	USA, Canada

**Heating/Cooling Capacity Graph**



Highcharts.com

**Pan Heater**

<b>Type</b>	Integrated
<b>Input Power (W)</b>	96W±5%
<b>Operation</b>	(1)T outer ring≤1°C; (2)From beginning of defrost to ending of defrost

**Additional Heat Pump Images**



**Related Products**



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