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### TOSOT M-Series

Central Air Conditioning Heat Pump (HP)

Multizone All Non-Ducted

AHRI Cert #: **211727025**

Outdoor Unit Model #: **TM42HMO**

Indoor Model #:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **32,400**

🔥 Rated Heating Capacity (Btu/h) @47°F: **40,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F: **36,000**

[Basic View](#) ⓘ

[Advanced Data - Sizing for Heating](#)

#### Information Tables

Brand	TOSOT
Series	M-Series
Ducting Configuration	Multizone All Non-Ducted
AHRI Certificate #	211727025
Outdoor Unit Model #	TM42HMO
Indoor Model #	
Indoor Unit Type	Non-Ducted Indoor Units
Furnace Model #	
EER	
SEER	
HSPF (Region IV)	
EER2	12
SEER2	21
HSPF2 (Region IV)	10
HSPF2 (Region V)	7.8
ENERGY STAR V6.1	✓
ENERGY STAR V6.1 Cold Climate	✓
ENERGY STAR V5.0	
Federal Tax Credit Eligibility North	✓
Federal Tax Credit Eligibility South	
Capacity Maintenance (Rated 17°F/Rated 47°F)	89%
Capacity Maintenance (Rated 5°F/Rated 47°F)	81%
Capacity Maintenance (Max 5°F/Rated 47°F)	81%
Variable Capacity	✓
Integration	
Connectivity	

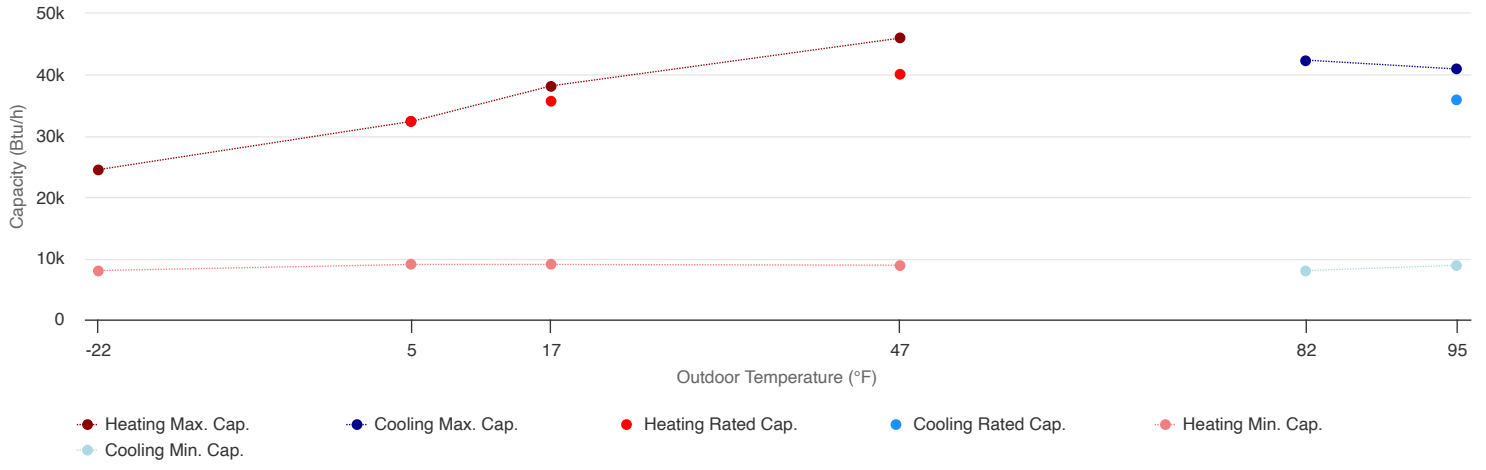
#### Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Cooling	95°F	80°F	Btu/h	8,870	36,000	40,940
			kW	0.68	3	3.88
			COP	3.82	3.52	3.09
Cooling	82°F	80°F	Btu/h	8,000	-	42,400
			kW	0.55	-	3.46
			COP	4.26	-	3.59
Heating	47°F	70°F	Btu/h	8,870	40,000	46,000
			kW	0.67	3.02	4.22
			COP	3.88	3.88	3.19
Heating	17°F	70°F	Btu/h	9,000	35,600	38,200
			kW	0.92	4.38	4.65
			COP	2.87	2.38	2.41
Heating	5°F	70°F	Btu/h	9,000	32,400	32,400
			kW	1.23	4.95	4.95
			COP	2.14	1.92	1.92
Heating	-22°F	70°F	Btu/h	8,000	-	24,500
			kW	1.55	-	4.52
			COP	1.51	-	1.59

**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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