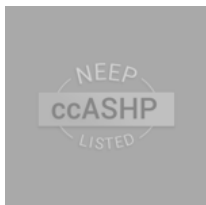


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### TOSOT J-Series

Central Air Conditioning Heat Pump (HP)

Multizone All Non-Ducted

AHRI Cert #: **204344221**

Outdoor Unit Model #: **TM42H50**

Indoor Model #:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **31,200**

🔥 Rated Heating Capacity (Btu/h) @47°F: **42,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F: **42,000**

[Basic View](#) ⓘ

[Advanced Data - Sizing for Heating](#)

#### Information Tables

Brand	TOSOT
Series	J-Series
Ducting Configuration	Multizone All Non-Ducted
AHRI Certificate #	204344221
Outdoor Unit Model #	TM42H50
Indoor Model #	
Indoor Unit Type	Non-Ducted Indoor Units
Furnace Model #	
EER	9
SEER	23
HSPF (Region IV)	10
EER2	9
SEER2	16
HSPF2 (Region IV)	8.6
HSPF2 (Region V)	7
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)	71%
Capacity Maintenance (Rated 5°F/Rated 47°F)	74%
Capacity Maintenance (Max 5°F/Rated 47°F)	74%
Variable Capacity	✓
Integration	
Connectivity	

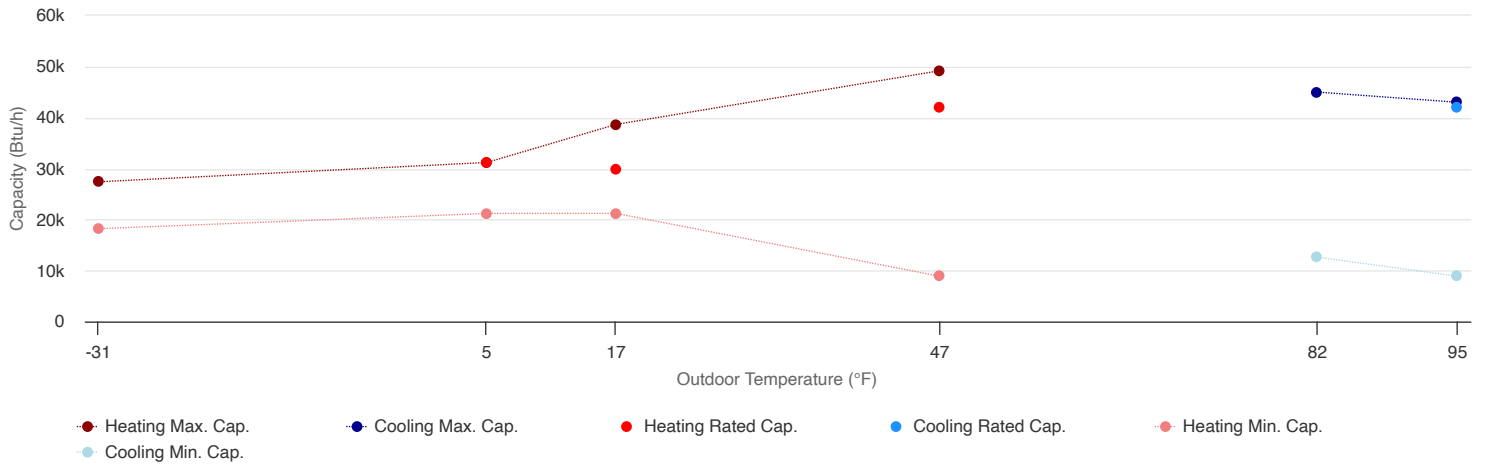
#### Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Cooling	95°F	80°F	Btu/h	8,870	42,000	43,000
			kW	0.54	4.66	6.24
			COP	4.81	2.64	2.02
Cooling	82°F	80°F	Btu/h	12,618	-	45,000
			kW	0.73	-	3.92
			COP	5.07	-	3.36
Heating	47°F	70°F	Btu/h	8,870	42,000	49,200
			kW	0.68	3.34	5.54
			COP	3.82	3.69	2.6
Heating	17°F	70°F	Btu/h	21,200	30,000	38,670
			kW	2.81	3.41	6.12
			COP	2.21	2.58	1.85
Heating	5°F	70°F	Btu/h	21,200	31,200	31,200
			kW	3.12	5.02	5.02
			COP	1.99	1.82	1.82
Heating	-31°F	70°F	Btu/h	18,200	-	27,400
			kW	1.33	-	6.58
			COP	4.01	-	1.22

**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>	160W±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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