

TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone All Non-Ducted

AHRI Cert #⁺: **216571390**

Outdoor Unit Model #⁺: **TM24D6MO**

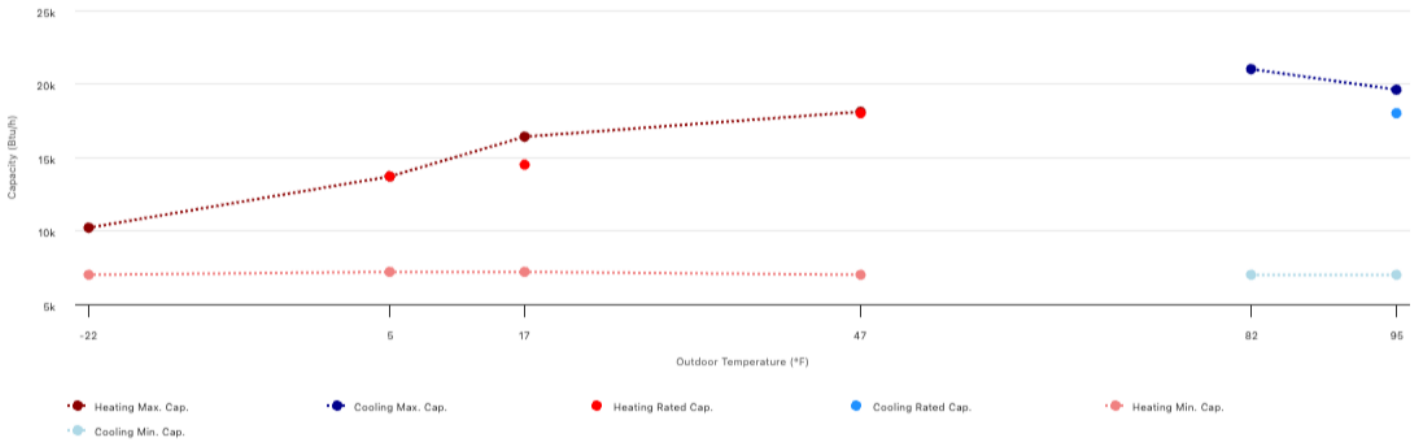
Indoor Model #⁺:

🔥 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⁺: **24,000**

Heating/Cooling Capacity Graph



Information Tables

Brand	TOSOT
Series	R32 FreeMatch
Ducting Configuration	Multizone All Non-Ducted
AHRI Certificate #⁺	216571390
Outdoor Unit Model #⁺	TM24D6MO
Indoor Model #⁺	
Indoor Unit Type⁺	Non-Ducted Indoor Units
Furnace Model #⁺	
EER⁺	
SEER⁺	
HSPF (Region IV)⁺	
EER2⁺	13.3
SEER2⁺	21
HSPF2 (Region IV)⁺	10
HSPF2 (Region V)	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)	98 %
Capacity Maintenance (Rated 5°F/Rated 47°F)	90 %
Capacity Maintenance (Max 5°F/Rated 47°F)	90 %
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-32
Sold In⁺	USA, Canada

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated ⁺	Max
Cooling	95°F	80°F	Btu/h ⁺	7,500	24,000	31,400
			kW	0.55	1.8	2.97
			COP	4	3.91	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	28,800
			kW	0.56	1.8	2.62
			COP	3.93	3.91	3.22
Heating	17°F	70°F	Btu/h ⁺	8,200	23,600	26,600
			kW	0.75	2.82	3.12
			COP	3.2	2.45	2.5
Heating	5°F	70°F	Btu/h ⁺	8,200	21,600	21,600
			kW	0.96	3.17	3.17
			COP	2.5	2	2
Heating	-22°F	70°F	Btu/h ⁺	7,000	-	17,400
			kW	1.36	-	3.2
			COP	1.51	-	1.59