



TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone Mix of Ducted and Non-Ducted

AHRI Cert #⁺: **216571400**

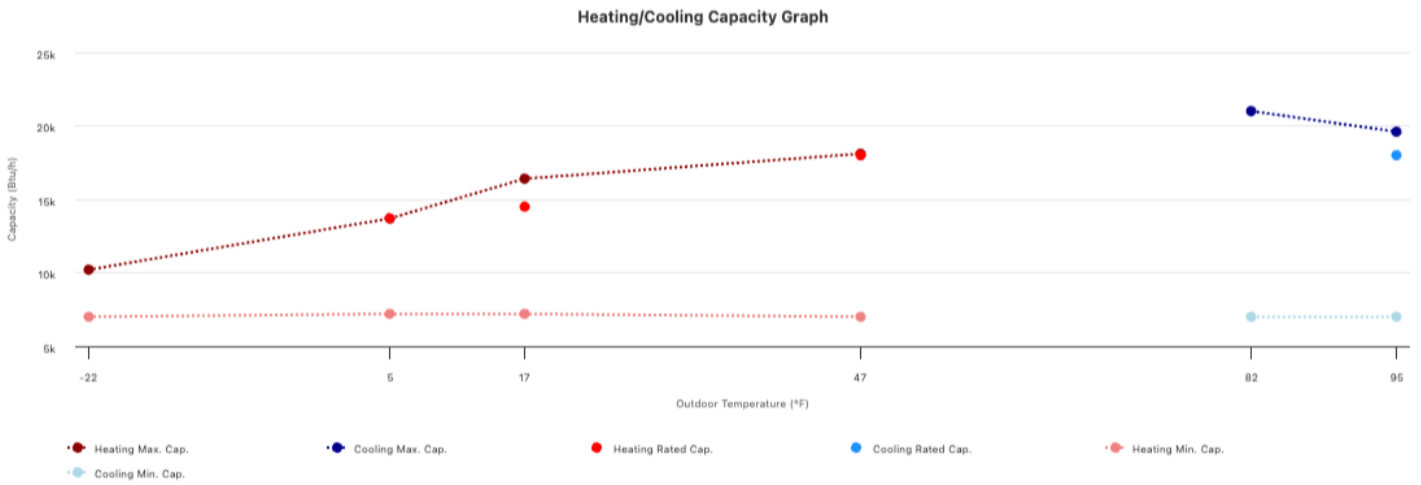
Outdoor Unit Model #⁺: **TM24D6MO**

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**



Information Tables

Brand	TOSOT
Series	R32 FreeMatch
Ducting Configuration	Multizone Mix of Ducted and Non-Ducted
AHRI Certificate #⁺	216571400
Outdoor Unit Model #⁺	TM24D6MO
Indoor Model #⁺	
Indoor Unit Type⁺	Mixed Ducted and Non-Ducted Indoor Units
Furnace Model #⁺	
EER⁺	
SEER⁺	
HSPF (Region IV)⁺	
EER2⁺	12.2
SEER2⁺	19
HSPF2 (Region IV)⁺	9
HSPF2 (Region V)	7.5
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)	95%
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	0.58	1.97	3.12
			COP	3.79	3.57	2.95
Cooling	82°F	80°F	Btu/h ⁺	7,000	-	34,100
			kW	0.47	-	2.92
			COP	4.36	-	3.42
Heating	47°F	70°F	Btu/h ⁺	7,500	24,000	28,800
			kW	0.59	1.9	2.83
			COP	3.73	3.7	2.98
Heating	17°F	70°F	Btu/h ⁺	8,200	23,000	26,600
			kW	0.78	2.87	3.28
			COP	3.08	2.35	2.38
Heating	5°F	70°F	Btu/h ⁺	8,200	21,600	21,600
			kW	1.01	3.52	3.52
			COP	2.38	1.8	1.8
Heating	-22°F	70°F	Btu/h ⁺	7,000	-	17,400
			kW	1.43	-	3.36
			COP	1.43	-	1.52