

TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone Mix of Ducted and Non-Ducted

AHRI Cert #⁺: **216618258**

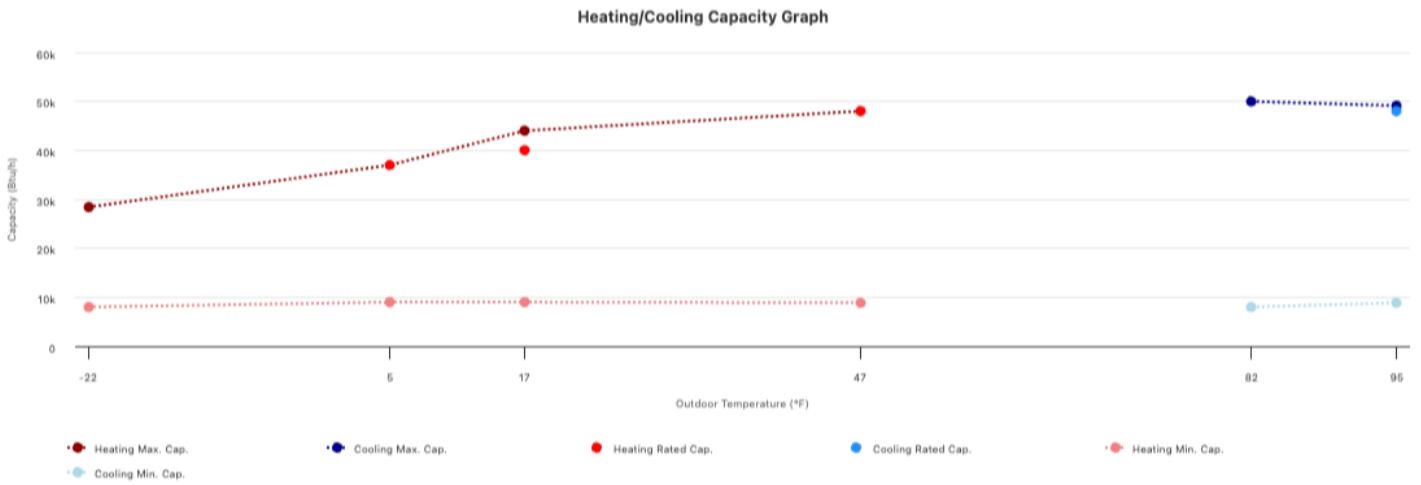
Outdoor Unit Model #⁺: **TM48D6MO**

Indoor Model #⁺:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **37,000**

🔥 Rated Heating Capacity (Btu/h) @47°F⁺: **48,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F⁺: **48,000**



Information Tables

Brand	TOSOT
Series	R32 FreeMatch
Ducting Configuration	Multizone Mix of Ducted and Non-Ducted
AHRI Certificate #⁺	216618258
Outdoor Unit Model #⁺	TM48D6MO
Indoor Model #⁺	
Indoor Unit Type⁺	Mixed Ducted and Non-Ducted Indoor Units
Furnace Model #⁺	
EER⁺	
SEER⁺	
HSPF (Region IV)⁺	
EER2⁺	11.8
SEER2⁺	19
HSPF2 (Region IV)⁺	9
HSPF2 (Region V)	7.4
ENERGY STAR V6.1	✓
ENERGY STAR V6.1 Cold Climate	✓
ENERGY STAR V5.0	✗
Federal Tax Credit Eligibility North	
Federal Tax Credit Eligibility South	
CEE Tier 1 Path A (2025)	✓
CEE Tier 1 Path B (2025)	✓
Capacity Maintenance (Rated 17°F/Rated 47°F)	83%
Capacity Maintenance (Rated 5°F/Rated 47°F)	77%
Capacity Maintenance (Max 5°F/Rated 47°F)	77%
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-32
Created At	2024-12-30
Updated At	2025-01-29
Sold In⁺	USA, Canada

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated ⁺	Max
				8,870	48,000	49,100
			kW	0.71	4.07	4.86
			COP	3.66	3.46	2.96
Cooling	95°F	80°F	Btu/h ⁺	8,000	-	50,000
			kW	0.58	-	4.38
			COP	4.04	-	3.35
Heating	82°F	80°F	Btu/h ⁺	8,870	48,000	48,000
			kW	0.7	3.8	3.8
			COP	3.71	3.7	3.7
Heating	17°F	70°F	Btu/h ⁺	9,000	40,000	44,000
			kW	0.96	5.14	5.3
			COP	2.75	2.28	2.43
Heating	5°F	70°F	Btu/h ⁺	9,000	37,000	37,000
			kW	1.29	5.89	5.89
			COP	2.04	1.84	1.84
Heating	-22°F	70°F	Btu/h ⁺	8,000	-	28,400
			kW	1.63	-	4.96
			COP	1.44	-	1.68