



## TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone All Ducted

AHRI Cert #<sup>+</sup>: **216618257**

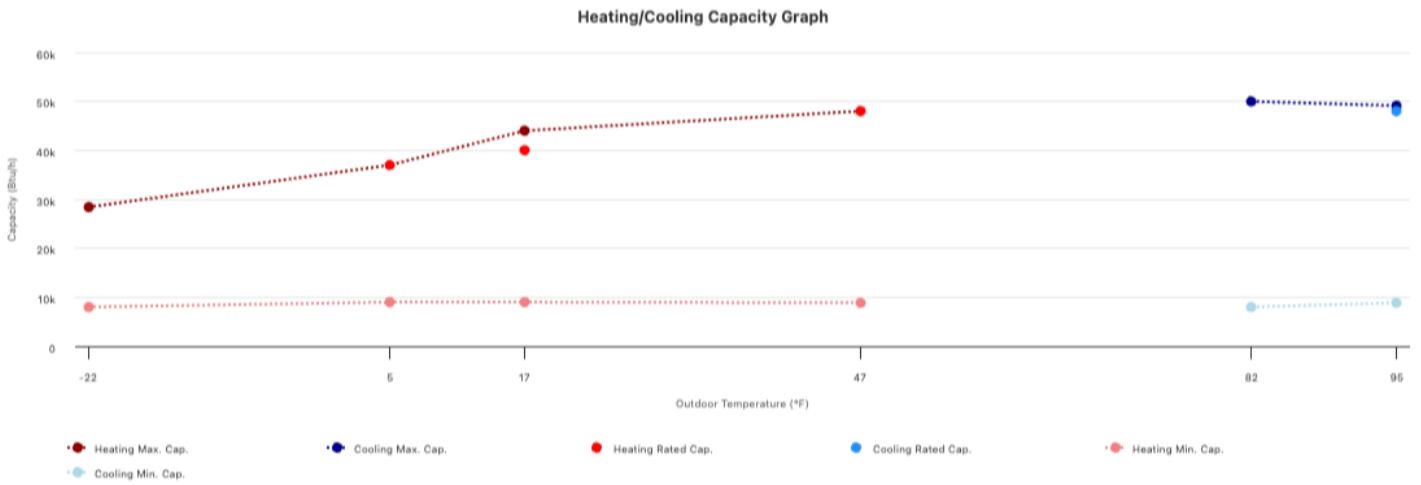
Outdoor Unit Model #<sup>+</sup>: **TM48D6MO**

Indoor Model #<sup>+</sup>:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **36,000**

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

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



## Information Tables

Brand	TOSOT
Series	R32 FreeMatch
Ducting Configuration	Multizone All Ducted
AHRI Certificate # <sup>+</sup>	216618257
Outdoor Unit Model # <sup>+</sup>	TM48D6MO
Indoor Model # <sup>+</sup>	
Indoor Unit Type <sup>+</sup>	Ducted Indoor Units
Furnace Model # <sup>+</sup>	
EER <sup>+</sup>	
SEER <sup>+</sup>	
HSPF (Region IV) <sup>+</sup>	
EER2 <sup>+</sup>	11.7
SEER2 <sup>+</sup>	18
HSPF2 (Region IV) <sup>+</sup>	8.1
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	
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)	75%
Capacity Maintenance (Max 5°F/Rated 47°F)	75%
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-32
Created At	2024-12-30
Updated At	2025-01-29
Sold In <sup>+</sup>	USA, Canada

## Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated <sup>+</sup>	Max
				8,870	48,000	49,100
			kW	0.75	4.1	4.9
			COP	3.47	3.43	2.94
Cooling	95°F	80°F	Btu/h <sup>+</sup>	8,000	-	50,000
			kW	0.61	-	4.5
			COP	3.84	-	3.26
Cooling	82°F	80°F	Btu/h <sup>+</sup>	8,870	48,000	48,000
			kW	0.74	4	4
			COP	3.51	3.52	3.52
Heating	47°F	70°F	Btu/h <sup>+</sup>	9,000	40,000	44,000
			kW	1.01	5.45	5.6
			COP	2.61	2.15	2.3
Heating	17°F	70°F	Btu/h <sup>+</sup>	9,000	36,000	36,000
			kW	1.35	5.55	5.55
			COP	1.95	1.9	1.9
Heating	5°F	70°F	Btu/h <sup>+</sup>	8,000	-	28,400
			kW	1.71	-	5.19
			COP	1.37	-	1.6