



## TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone All Non-Ducted

AHRI Cert #<sup>+</sup>: **216618256**

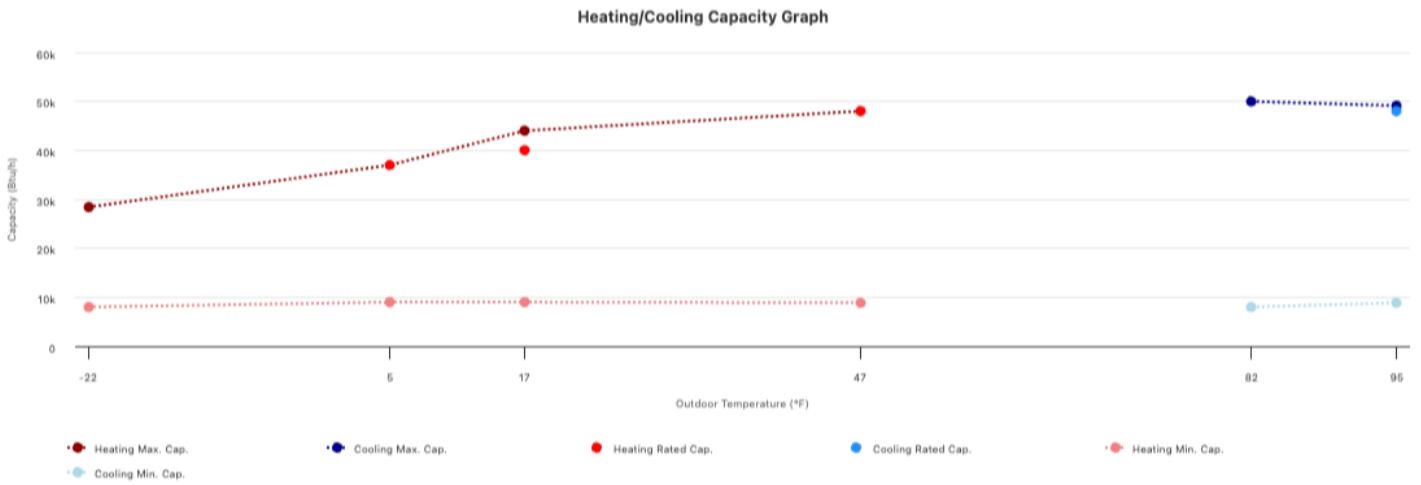
Outdoor Unit Model #<sup>+</sup>: **TM48D6MO**

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

🔥 Maximum Heating Capacity (Btu/h) @5°F: **37,800**

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

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



## Information Tables

<b>Brand</b>	TOSOT
<b>Series</b>	R32 FreeMatch
<b>Ducting Configuration</b>	Multizone All Non-Ducted
<b>AHRI Certificate #<sup>+</sup></b>	216618256
<b>Outdoor Unit Model #<sup>+</sup></b>	TM48D6MO
<b>Indoor Model #<sup>+</sup></b>	
<b>Indoor Unit Type<sup>+</sup></b>	Non-Ducted Indoor Units
<b>Furnace Model #<sup>+</sup></b>	
<b>EER<sup>+</sup></b>	
<b>SEER<sup>+</sup></b>	
<b>HSPF (Region IV)<sup>+</sup></b>	
<b>EER2<sup>+</sup></b>	12
<b>SEER2<sup>+</sup></b>	21
<b>HSPF2 (Region IV)<sup>+</sup></b>	10
<b>HSPF2 (Region V)</b>	8
<b>ENERGY STAR V6.1</b>	✓
<b>ENERGY STAR V6.1 Cold Climate</b>	✓
<b>ENERGY STAR V5.0</b>	✗
<b>Federal Tax Credit Eligibility North</b>	
<b>Federal Tax Credit Eligibility South</b>	
<b>CEE Tier 1 Path A (2025)</b>	✓
<b>CEE Tier 1 Path B (2025)</b>	✓
<b>Capacity Maintenance (Rated 17°F/Rated 47°F)</b>	83%
<b>Capacity Maintenance (Rated 5°F/Rated 47°F)</b>	78%
<b>Capacity Maintenance (Max 5°F/Rated 47°F)</b>	78%
<b>Variable Capacity</b>	✓
<b>Integration</b>	
<b>Connectivity</b>	
<b>Operational Diagnostics</b>	
<b>Refrigerant</b>	R-32
<b>Created At</b>	2024-12-30
<b>Updated At</b>	2025-01-29
<b>Sold In<sup>+</sup></b>	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	0.68	4	4.8
			COP	3.82	3.52	3
Cooling	95°F	80°F	Btu/h <sup>+</sup>	8,000	-	50,000
			kW	0.55	-	4.1
			COP	4.26	-	3.57
Heating	82°F	80°F	Btu/h <sup>+</sup>	8,870	48,000	48,000
			kW	0.67	3.6	3.6
			COP	3.88	3.91	3.91
Heating	17°F	70°F	Btu/h <sup>+</sup>	9,000	40,000	44,000
			kW	0.92	4.88	5.1
			COP	2.87	2.4	2.53
Heating	5°F	70°F	Btu/h <sup>+</sup>	9,000	37,800	37,800
			kW	1.23	5.28	5.28
			COP	2.14	2.1	2.1
Heating	-22°F	70°F	Btu/h <sup>+</sup>	8,000	-	28,400
			kW	1.55	-	4.72
			COP	1.51	-	1.76