



## TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone All Ducted

AHRI Cert #<sup>+</sup>: **216571396**

Outdoor Unit Model #<sup>+</sup>: **TM24D6MO**

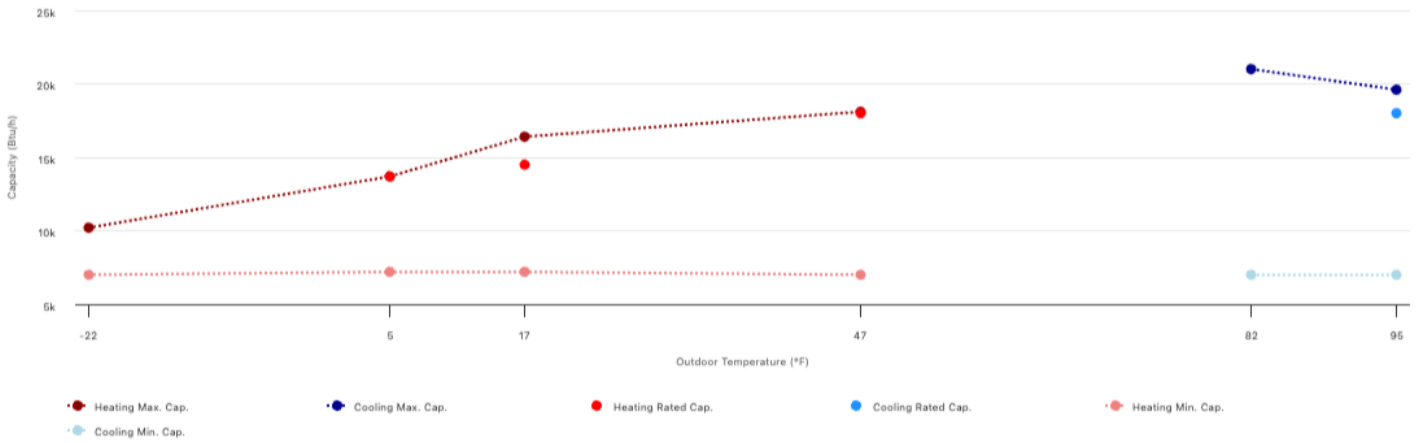
Indoor Model #<sup>+</sup>:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **21,600**

🔥 Rated Heating Capacity (Btu/h) @47°F<sup>+</sup>: **24,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F<sup>+</sup>: **24,000**

Heating/Cooling Capacity Graph



## Information Tables

<b>Brand</b>	TOSOT
<b>Series</b>	R32 FreeMatch
<b>Ducting Configuration</b>	Multizone All Ducted
<b>AHRI Certificate #<sup>+</sup></b>	216571396
<b>Outdoor Unit Model #<sup>+</sup></b>	TM24D6MO
<b>Indoor Model #<sup>+</sup></b>	
<b>Indoor Unit Type<sup>+</sup></b>	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>	18
<b>HSPF2 (Region IV)<sup>+</sup></b>	8.1
<b>HSPF2 (Region V)</b>	7.2
<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>Capacity Maintenance (Rated 17°F/Rated 47°F)</b>	91%
<b>Capacity Maintenance (Rated 5°F/Rated 47°F)</b>	90%
<b>Capacity Maintenance (Max 5°F/Rated 47°F)</b>	90%
<b>Variable Capacity</b>	✓
<b>Integration</b>	
<b>Connectivity</b>	
<b>Operational Diagnostics</b>	
<b>Refrigerant</b>	R-32
<b>Sold In<sup>+</sup></b>	USA, Canada

## Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb				
			Unit	Min	Rated <sup>+</sup>	Max
Cooling	95°F	80°F	Btu/h <sup>+</sup>	7,500	24,000	31,400
			kW	0.61	2	3.27
			COP	3.6	3.52	2.81
Cooling	82°F	80°F	Btu/h <sup>+</sup>	7,000	-	34,100
			kW	0.5	-	3.06
			COP	4.1	-	3.27
Heating	47°F	70°F	Btu/h <sup>+</sup>	7,500	24,000	28,800
			kW	0.62	2.01	3.01
			COP	3.55	3.5	2.8
Heating	17°F	70°F	Btu/h <sup>+</sup>	8,200	22,000	26,600
			kW	0.83	2.93	3.43
			COP	2.9	2.2	2.27
Heating	5°F	70°F	Btu/h <sup>+</sup>	8,200	21,600	21,600
			kW	1.06	3.4	3.4
			COP	2.27	1.86	1.86
Heating	-22°F	70°F	Btu/h <sup>+</sup>	7,000	-	17,400
			kW	1.5	-	3.52
			COP	1.37	-	1.45