

TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone All Non-Ducted

AHRI Cert #⁺: **216571389**

Outdoor Unit Model #⁺: **TM18 D6 MO**

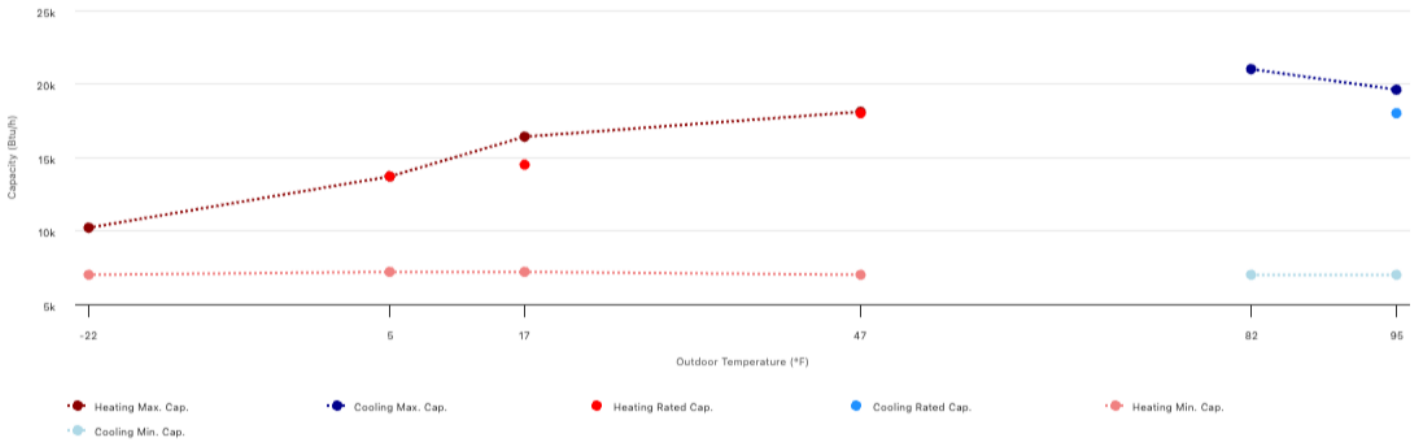
Indoor Model #⁺:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **13,800**

🔥 Rated Heating Capacity (Btu/h) @47°F⁺: **18,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F⁺: **18,000**

Heating/Cooling Capacity Graph



Information Tables

Brand	TOSOT
Series	R32 FreeMatch
Ducting Configuration	Multizone All Non-Ducted
AHRI Certificate #⁺	216571389
Outdoor Unit Model #⁺	TM18D6MO
Indoor Model #⁺	
Indoor Unit Type⁺	Non-Ducted Indoor Units
Furnace Model #⁺	
EER⁺	
SEER⁺	
HSPF (Region IV)⁺	
EER2⁺	12
SEER2⁺	21
HSPF2 (Region IV)⁺	10
HSPF2 (Region V)	8
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)	83%
Capacity Maintenance (Rated 5°F/Rated 47°F)	76%
Capacity Maintenance (Max 5°F/Rated 47°F)	76%
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 ⁺	7,000	18,000	19,600
			kW	0.45	1.5	1.94
			COP	4.56	3.52	2.96
Cooling	82°F	80°F	Btu/h ⁺	7,000	-	21,000
			kW	0.43	-	1.84
			COP	4.77	-	3.34
Heating	47°F	70°F	Btu/h ⁺	7,000	18,000	18,100
			kW	0.52	1.35	1.65
			COP	3.95	3.91	3.21
Heating	17°F	70°F	Btu/h ⁺	7,200	15,000	16,400
			kW	0.65	1.87	1.96
			COP	3.25	2.35	2.45
Heating	5°F	70°F	Btu/h ⁺	7,200	13,800	13,800
			kW	0.86	2.02	2.02
			COP	2.45	2	2
Heating	-22°F	70°F	Btu/h ⁺	7,000	-	10,200
			kW	1.32	-	1.98
			COP	1.55	-	1.51