



TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone All Ducted

AHRI Cert #⁺: **216571399**

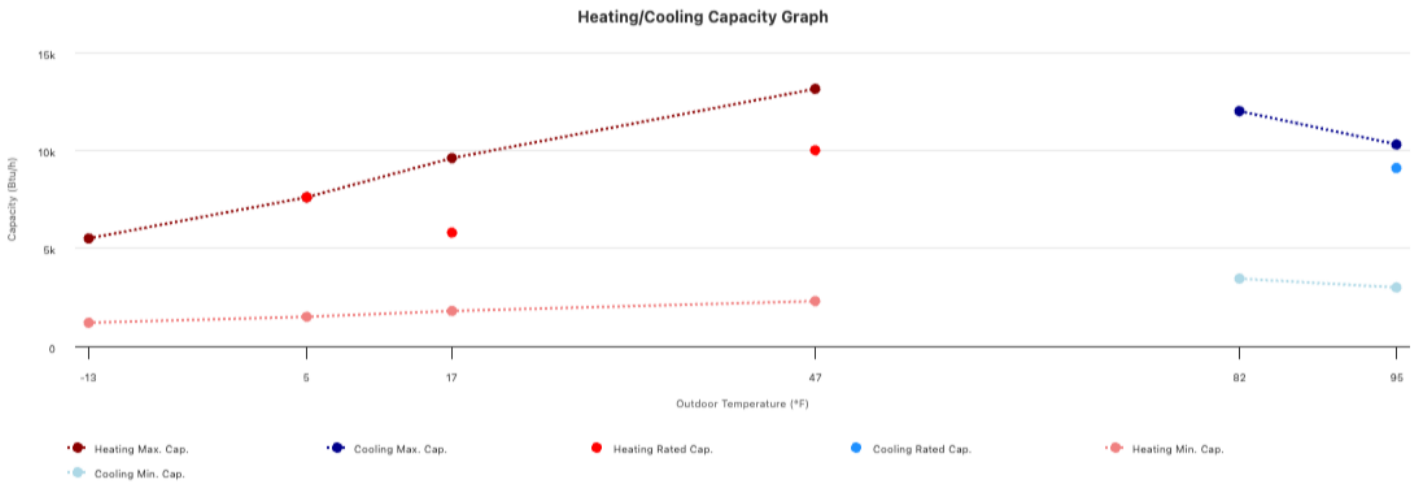
Outdoor Unit Model #⁺: **TM42D6MO**

Indoor Model #⁺:

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

🔥 Rated Heating Capacity (Btu/h) @47°F⁺: **42,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F⁺: **42,000**



Information Tables

Brand	TOSOT
Series	R32 FreeMatch
Ducting Configuration	Multizone All Ducted
AHRI Certificate #⁺	216571399
Outdoor Unit Model #⁺	TM42D6MO
Indoor Model #⁺	
Indoor Unit Type⁺	Ducted Indoor Units
Furnace Model #⁺	
EER⁺	
SEER⁺	
HSPF (Region IV)⁺	
EER2⁺	12
SEER2⁺	18
HSPF2 (Region IV)⁺	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	
Capacity Maintenance (Rated 17°F/Rated 47°F)	95%
Capacity Maintenance (Rated 5°F/Rated 47°F)	85%
Capacity Maintenance (Max 5°F/Rated 47°F)	85%
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 ⁺	8,870	42,000	44,000
			kW	0.75	3.5	4.69
			COP	3.47	3.52	2.75
Cooling	82°F	80°F	Btu/h ⁺	8,000	-	46,000
			kW	0.61	-	4.01
			COP	3.84	-	3.36
Heating	47°F	70°F	Btu/h ⁺	8,870	42,000	45,200
			kW	0.74	3.52	4.6
			COP	3.51	3.5	2.88
Heating	17°F	70°F	Btu/h ⁺	9,000	40,000	43,200
			kW	1.01	5.45	5.54
			COP	2.61	2.15	2.29
Heating	5°F	70°F	Btu/h ⁺	9,000	36,000	36,000
			kW	1.35	5.55	5.55
			COP	1.95	1.9	1.9
Heating	-22°F	70°F	Btu/h ⁺	8,000	-	28,400
			kW	1.71	-	5.19
			COP	1.37	-	1.6