

TOSOT Charmo

Central Air Conditioning Heat Pump (HP)

Singlezone Non-Ducted, Wall Placement

AHRI Cert #⁺: **216030807**

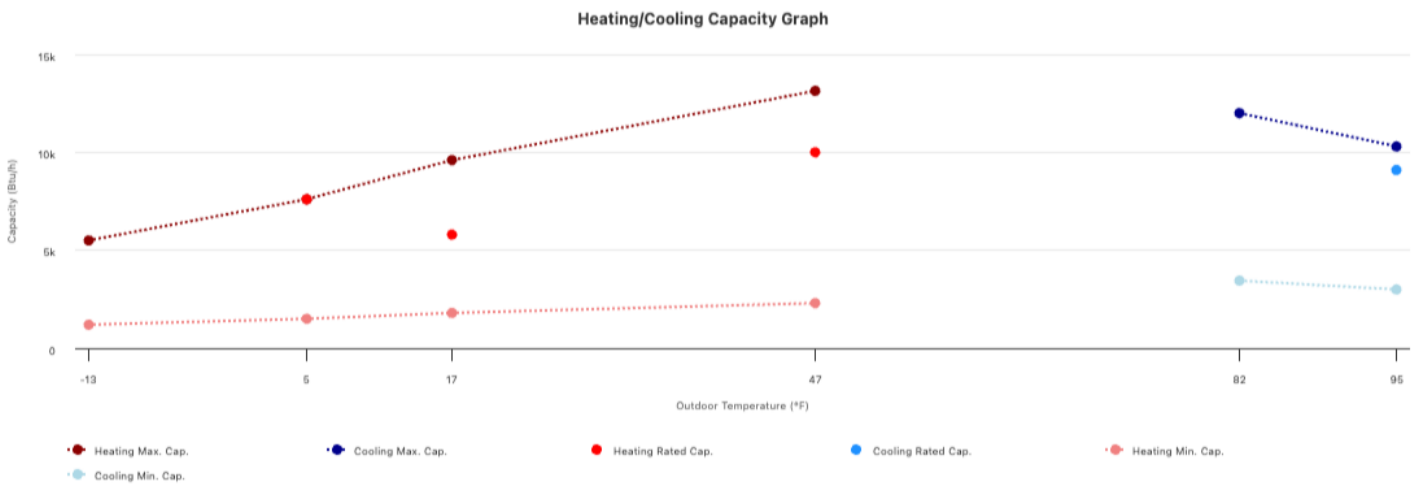
Outdoor Unit Model #⁺: **TWH18 AT19 D6 DO**

Indoor Model #⁺: **TWH18 AT19 D6 DI**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **12,100**

🔥 Rated Heating Capacity (Btu/h) @47°F⁺: **19,100**

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



Information Tables

Brand	TOSOT
Series	Charmo
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate #⁺	216030807
Outdoor Unit Model #⁺	TWH18AT19D6DO
Indoor Model #⁺	TWH18AT19D6DI
Indoor Unit Type⁺	Mini-Splits
Furnace Model #⁺	
EER⁺	
SEER⁺	
HSPF (Region IV)⁺	
EER2⁺	12.35
SEER2⁺	20
HSPF2 (Region IV)⁺	8.5
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)	58%
Capacity Maintenance (Rated 5°F/Rated 47°F)	63%
Capacity Maintenance (Max 5°F/Rated 47°F)	63%
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	20,300
			kW	0.45	1.5	2.3
			COP	4.56	3.52	2.59
Cooling	82°F	80°F	Btu/h ⁺	7,000	-	18,500
			kW	0.45	-	1.65
			COP	4.56	-	3.29
Heating	47°F	70°F	Btu/h ⁺	7,000	19,100	22,500
			kW	0.52	1.44	2.3
			COP	3.95	3.89	2.87
Heating	17°F	70°F	Btu/h ⁺	7,000	11,200	11,200
			kW	0.65	1.19	1.19
			COP	3.16	2.76	2.76
Heating	5°F	70°F	Btu/h ⁺	7,000	12,100	12,100
			kW	0.86	1.92	1.92
			COP	2.39	1.85	1.85
Heating	-25°F	70°F	Btu/h ⁺	7,000	-	10,200
			kW	1.32	-	1.98
			COP	1.55	-	1.51