



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Compact Ducted

AHRI Cert #+: **215324590**

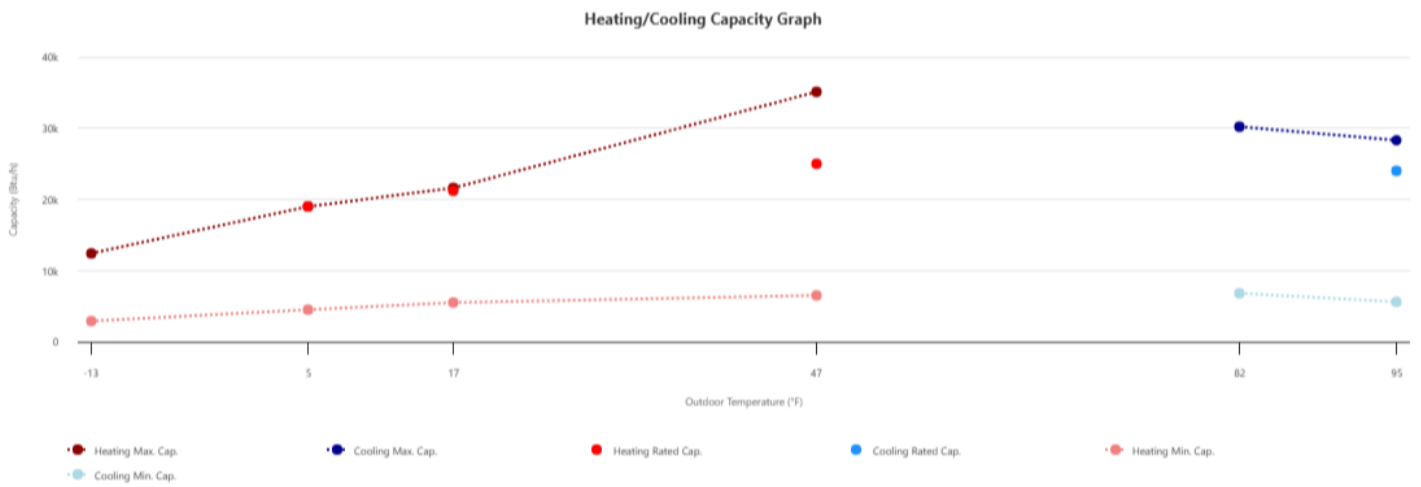
Outdoor Unit Model #+: **D5CSRAH24AAK**

Indoor Model #+: **D5FSDAH24XHK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **19,000**

🔥 Rated Heating Capacity (Btu/h) @47°F+: **25,000**

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



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Compact Ducted
AHRI Certificate #*	215324590
Outdoor Unit Model #*	D5CSRAH24AAK
Indoor Model #*	D5FSDAH24XHK
Indoor Unit Type*	Mini-Splits
Furnace Model #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2*	12.5
SEER2*	19
HSPF2 (Region IV)*	11
HSPF2 (Region V)	8.5
ENERGY STAR V6.1	✓
ENERGY STAR V6.1 Cold Climate	✓
ENERGY STAR V5.0	✗
Federal Tax Credit Eligibility North	
Federal Tax Credit Eligibility South	
CEE Tier 1 Path A (2025)	✓
CEE Tier 1 Path B (2025)	✓
Capacity Maintenance (Rated 17°F/Rated 47°F)	84%
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-454B
Created At	2026-03-31
Updated At	2026-05-08
Sold In*	USA, Canada

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated*	Max
				5,600	24,000	28,300
			kW	0.5	1.92	2.71
			COP	3.28	3.66	3.06
Cooling	95°F	80°F	Btu/h*	6,800	-	30,200
			kW	0.37	-	1.58
			COP	5.39	-	5.6
Heating	82°F	80°F	Btu/h*	6,500	25,000	35,100
			kW	0.42	2.01	3
			COP	4.54	3.65	3.43
Heating	17°F	70°F	Btu/h*	5,500	21,200	21,600
			kW	0.75	2.39	2.47
			COP	2.15	2.6	2.56
Heating	5°F	70°F	Btu/h*	4,500	19,000	19,000
			kW	0.7	2.42	2.42
			COP	1.88	2.3	2.3
Heating	-13°F	70°F	Btu/h*	2,900	-	12,400
			kW	0.67	-	2.13
			COP	1.27	-	1.71