



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215319076**

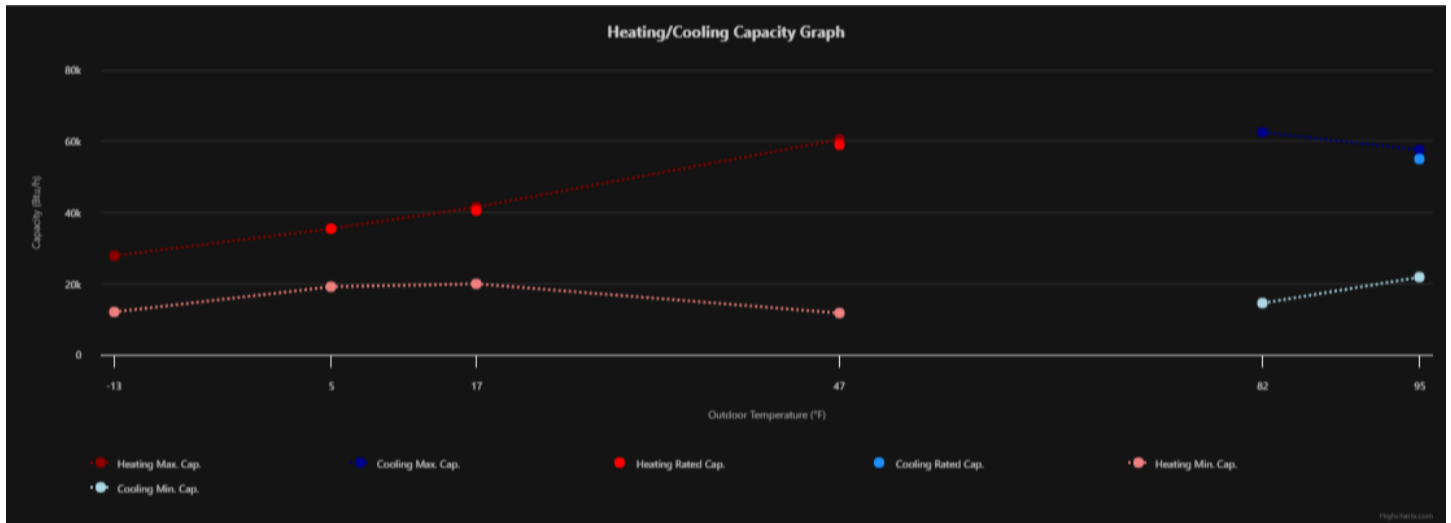
Outdoor Unit Model #*: **D5CSRAH24AAK**

Indoor Model #*: **D5FSAAH24XBK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **18,000**

🔥 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, Centrally Ducted
AHRI Certificate #*	215319076
Outdoor Unit Model #*	D5CSRAH24AAK
Indoor Model #*	D5FSAAH24XBK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	11.7
SEER2+	19.8
HSPF2 (Region IV)*	9
HSPF2 (Region V)	7.3
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)	70%
Capacity Maintenance (Rated 5°F/Rated 47°F)	72%
Capacity Maintenance (Max 5°F/Rated 47°F)	72%
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-454B
Created At	2026-03-31
Updated At	2026-07-27
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*	6,700	24,000	29,600
			kW	0.6	2.05	2.84
			COP	3.27	3.43	3.05
Cooling	82°F	80°F	Btu/h*	9,000	-	28,000
			kW	0.38	-	1.94
			COP	6.94	-	4.23
Heating	47°F	70°F	Btu/h*	5,800	25,000	33,800
			kW	0.41	2.07	2.95
			COP	4.15	3.54	3.36
Heating	17°F	70°F	Btu/h*	5,000	17,600	23,200
			kW	0.74	2.15	2.68
			COP	1.98	2.4	2.54
Heating	5°F	70°F	Btu/h*	5,400	18,000	18,000
			kW	0.91	2.4	2.4
			COP	1.74	2.2	2.2
Heating	-13°F	70°F	Btu/h*	3,300	-	14,400
			kW	1.18	-	2.23
			COP	0.82	-	1.89