



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Non-Ducted, Wall Placement

AHRI Cert #*: **215324588**

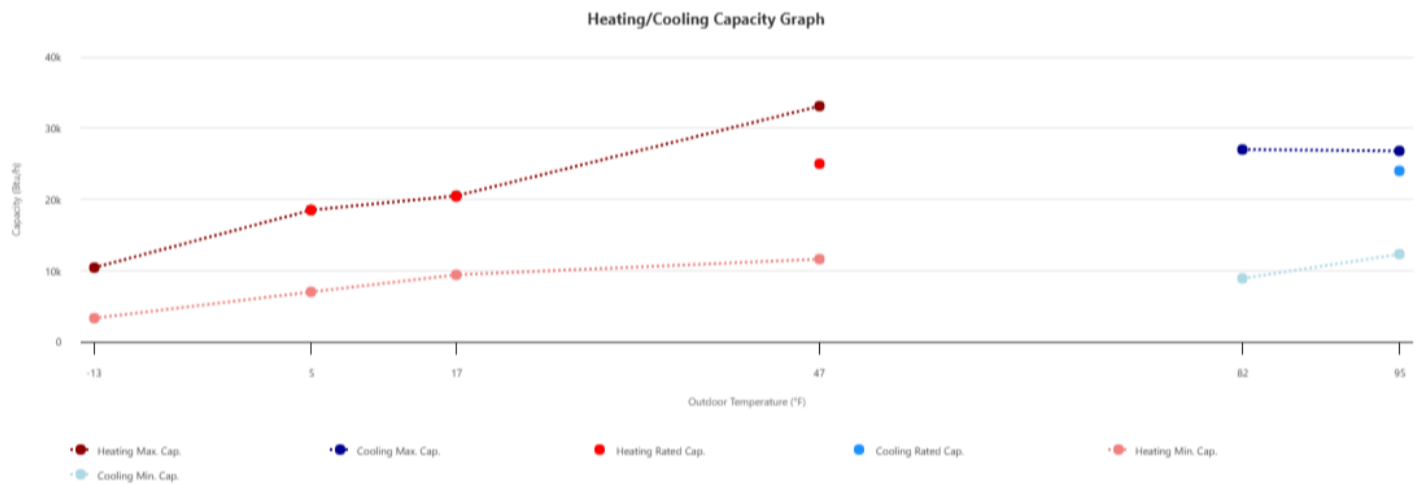
Outdoor Unit Model #*: **D5CSRAH24AAK**

Indoor Model #*: **D5FSCAH24XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **18,500**

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

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



Highcharts.com

Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate #*	215324588
Outdoor Unit Model #*	D5CSRAH24AAK
Indoor Model #*	D5FSCAH24XAK
Indoor Unit Type*	Mini-Splits
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	12
SEER2+	22.1
HSPF2 (Region IV)*	10.5
HSPF2 (Region V)	8.1
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)	81%
Capacity Maintenance (Rated 5°F/Rated 47°F)	74%
Capacity Maintenance (Max 5°F/Rated 47°F)	74%
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
Cooling	95°F	80°F	Btu/h*	12,300	24,000	26,800
			kW	0.91	2	2.57
			COP	3.96	3.52	3.06
Cooling	82°F	80°F	Btu/h*	8,900	-	27,000
			kW	0.3	-	1.46
			COP	8.69	-	5.42
Heating	47°F	70°F	Btu/h*	11,600	25,000	33,100
			kW	0.64	2.29	2.83
			COP	5.31	3.2	3.43
Heating	17°F	70°F	Btu/h*	9,400	20,400	20,500
			kW	0.93	2.19	2.36
			COP	2.96	2.73	2.55
Heating	5°F	70°F	Btu/h*	7,000	18,500	18,500
			kW	0.88	2.36	2.36
			COP	2.33	2.3	2.3
Heating	-13°F	70°F	Btu/h*	3,300	-	10,400
			kW	0.65	-	1.89
			COP	1.49	-	1.61