



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 #*: **215324608**

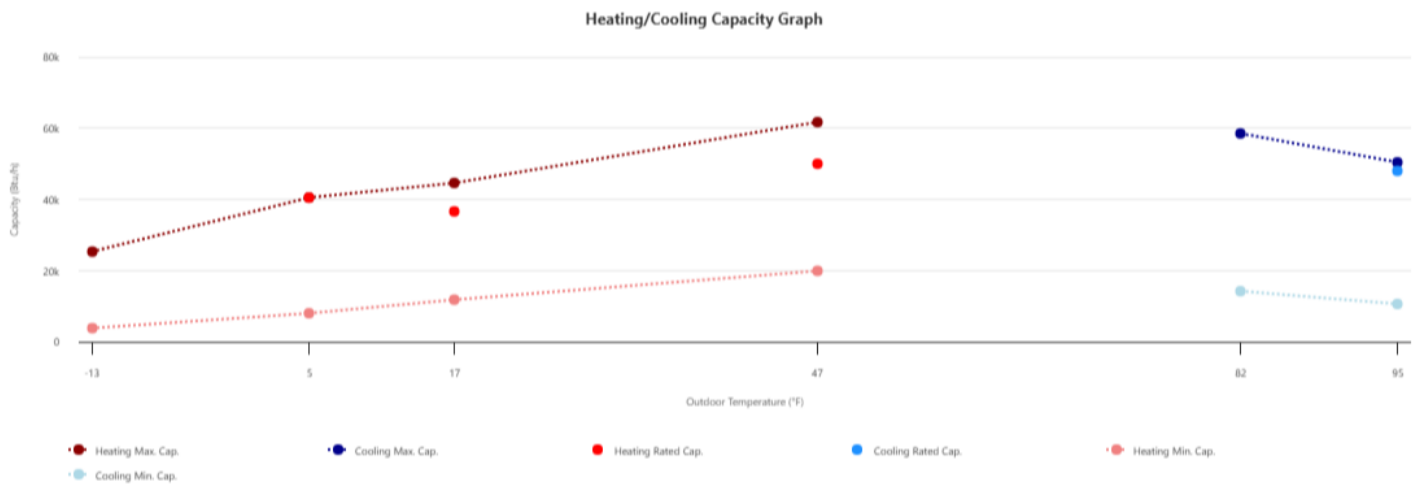
Outdoor Unit Model #*: **D5CIRAH48AAK**

Indoor Model #*: **D5FLCAH48XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **40,500**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **50,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F*: **48,000**



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate #*	215324608
Outdoor Unit Model #*	D5CLRAH48AAK
Indoor Model #*	D5FLCAH48XAK
Indoor Unit Type*	Mini-Splits
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	9.5
SEER2+	19.1
HSPF2 (Region IV)*	9.9
HSPF2 (Region V)	7.7
ENERGY STAR V6.1	✗
ENERGY STAR V6.1 Cold Climate	✓
ENERGY STAR V5.0	✗
Federal Tax Credit Eligibility North	
Federal Tax Credit Eligibility South	
CEE Tier 1 Path A (2025)	✗
CEE Tier 1 Path B (2025)	✗
Capacity Maintenance (Rated 17°F/Rated 47°F)	73%
Capacity Maintenance (Rated 5°F/Rated 47°F)	81%
Capacity Maintenance (Max 5°F/Rated 47°F)	81%
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*	10,600	48,000	50,400
			kW	0.8	5.05	5.32
			COP	3.88	2.79	2.78
Cooling	82°F	80°F	Btu/h*	14,200	-	58,500
			kW	0.57	-	3.74
			COP	7.3	-	4.58
Heating	47°F	70°F	Btu/h*	19,900	50,000	61,700
			kW	1.14	4.95	5.95
			COP	5.12	2.96	3.04
Heating	17°F	70°F	Btu/h*	11,800	36,600	44,600
			kW	1.3	4.79	6.17
			COP	2.66	2.24	2.12
Heating	5°F	70°F	Btu/h*	8,000	40,500	40,500
			kW	1.31	5.63	5.63
			COP	1.79	2.11	2.11
Heating	-13°F	70°F	Btu/h*	3,800	-	25,300
			kW	1.11	-	4.66
			COP	1	-	1.59