



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Compact Ducted

AHRI Cert #*: **215324607**

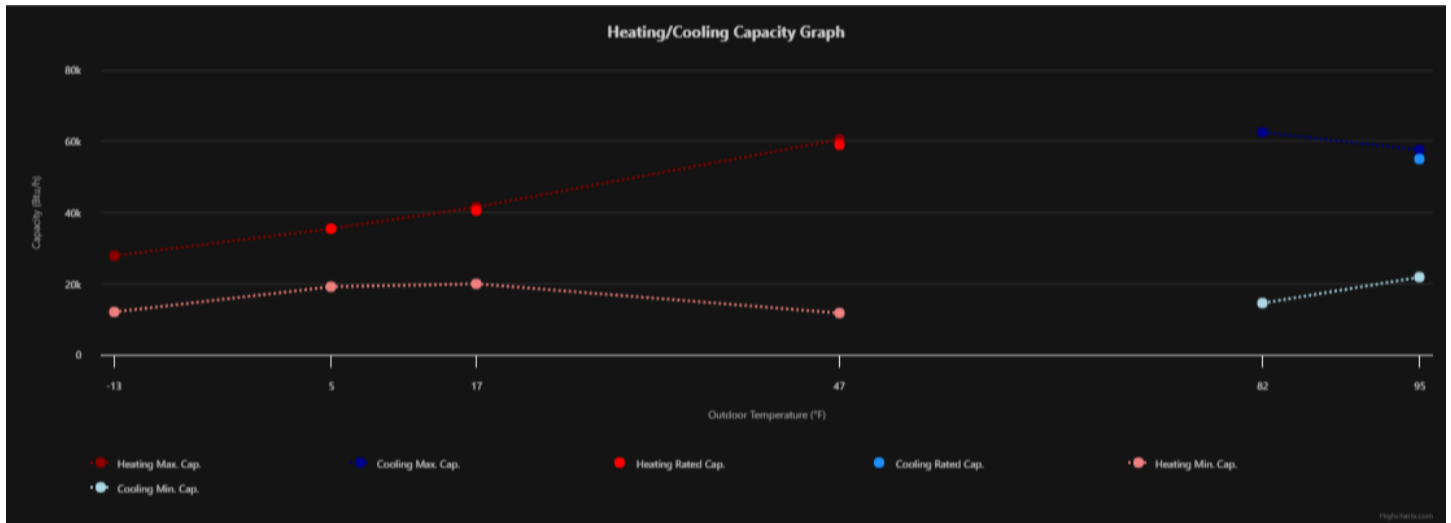
Outdoor Unit Model #*: **D5CIRAH36AAK**

Indoor Model #*: **D5FLDAH36XHK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **25,600**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **40,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F*: **36,000**



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Compact Ducted
AHRI Certificate #*	215324607
Outdoor Unit Model #*	D5CLRAH36AAK
Indoor Model #*	D5FLDAH36XHK
Indoor Unit Type*	Mini-Splits
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	10.2
SEER2+	18.8
HSPF2 (Region IV)*	10.2
HSPF2 (Region V)	7.8
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)	68%
Capacity Maintenance (Rated 5°F/Rated 47°F)	64%
Capacity Maintenance (Max 5°F/Rated 47°F)	64%
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*	7,900	36,000	42,500
			kW	0.66	3.53	4.25
			COP	3.51	2.99	2.93
Cooling	82°F	80°F	Btu/h*	9,400	-	49,500
			kW	0.41	-	3.15
			COP	6.72	-	4.61
Heating	47°F	70°F	Btu/h*	8,100	40,000	43,500
			kW	0.52	3.17	3.36
			COP	4.57	3.7	3.79
Heating	17°F	70°F	Btu/h*	6,100	27,400	31,000
			kW	0.79	2.94	3.8
			COP	2.26	2.73	2.39
Heating	5°F	70°F	Btu/h*	4,600	25,600	25,600
			kW	0.78	3.57	3.57
			COP	1.73	2.1	2.1
Heating	-13°F	70°F	Btu/h*	3,200	-	17,400
			kW	0.74	-	3.21
			COP	1.27	-	1.59