



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215319059**

Outdoor Unit Model #*: **D5CUHAH36AAK**

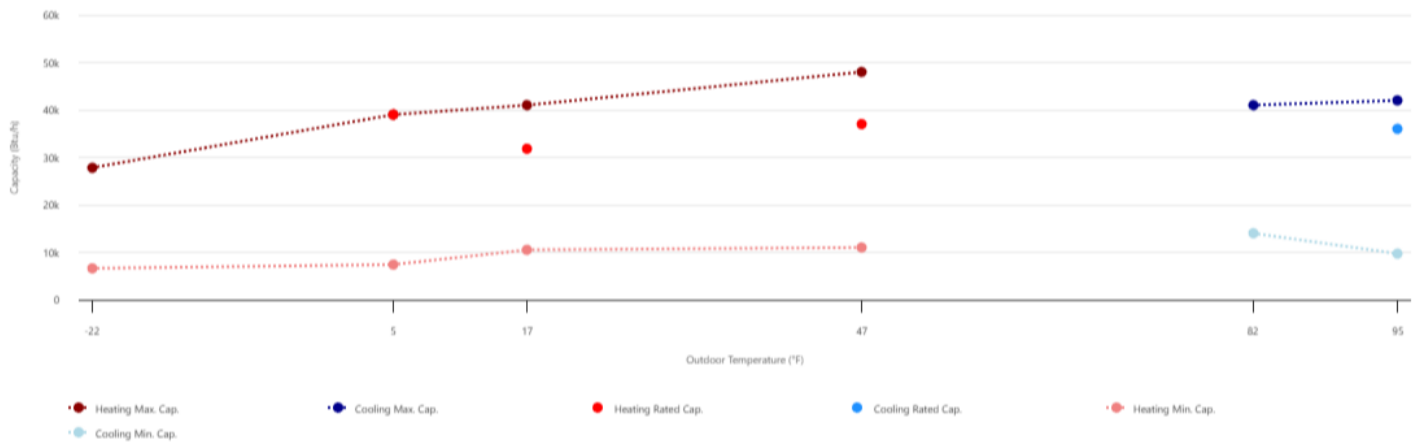
Indoor Model #*: **D5FUAH36XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **39,000**

🔥 Rated Heating Capacity (Btu/h) @47°F: **37,000**

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

Heating/Cooling Capacity Graph



Highcharts.com

Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215319059
Outdoor Unit Model #*	D5CUHAH36AAK
Indoor Model #*	D5FUAAH36XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	11.7
SEER2+	17.4
HSPF2 (Region IV)*	10.3
HSPF2 (Region V)	8.6
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)	85%
Capacity Maintenance (Rated 5°F/Rated 47°F)	105%
Capacity Maintenance (Max 5°F/Rated 47°F)	105%
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-454B
Created At	2024-09-16
Updated At	2025-11-10
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*	9,700	36,000	42,000
			kW	0.81	3.08	4.44
			COP	3.51	3.43	2.77
Cooling	82°F	80°F	Btu/h*	14,000	-	41,000
			kW	0.68	-	3.08
			COP	6.03	-	3.9
Heating	47°F	70°F	Btu/h*	11,000	37,000	48,000
			kW	0.67	3.01	4.37
			COP	4.81	3.6	3.22
Heating	17°F	70°F	Btu/h*	10,500	31,800	41,000
			kW	1.4	3.67	5.91
			COP	2.2	2.54	2.03
Heating	5°F	70°F	Btu/h*	7,400	39,000	39,000
			kW	1.28	6.02	6.02
			COP	1.69	1.9	1.9
Heating	-22°F	70°F	Btu/h*	6,600	-	27,800
			kW	1.51	-	5.14
			COP	1.28	-	1.59