



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215319058**

Outdoor Unit Model #*: **D5CUHAH30AAK**

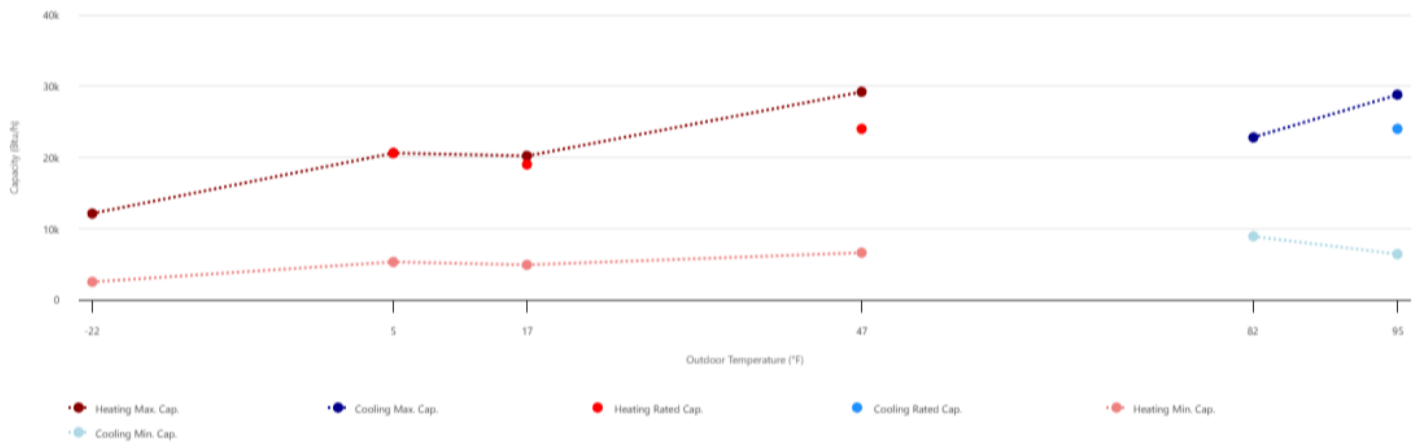
Indoor Model #*: **D5FUAH30XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **32,600**

🔥 Rated Heating Capacity (Btu/h) @47°F: **34,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F: **30,000**

Heating/Cooling Capacity Graph



Highcharts.com

Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215319058
Outdoor Unit Model #*	D5CUHAH30AAK
Indoor Model #*	D5FUAAH30XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	11.7
SEER2+	16.9
HSPF2 (Region IV)*	10
HSPF2 (Region V)	8.3
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)	95%
Capacity Maintenance (Max 5°F/Rated 47°F)	95%
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+	12,800	30,000	39,000
			kW	0.85	2.56	3.62
			COP	4.41	3.43	3.16
Cooling	82°F	80°F	Btu/h+	12,400	-	36,200
			kW	0.62	-	1.77
			COP	5.86	-	5.99
Heating	47°F	70°F	Btu/h+	10,300	34,000	38,500
			kW	0.66	2.72	3.02
			COP	4.57	3.66	3.74
Heating	17°F	70°F	Btu/h+	9,900	23,800	37,800
			kW	1.12	2.53	4.64
			COP	2.59	2.76	2.39
Heating	5°F	70°F	Btu/h+	9,600	32,600	32,600
			kW	1.32	4.87	4.87
			COP	2.13	1.96	1.96
Heating	-22°F	70°F	Btu/h+	7,300	-	20,100
			kW	1.46	-	3.8
			COP	1.47	-	1.55