



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215319070**

Outdoor Unit Model #*: **D5CUHAH30AAK**

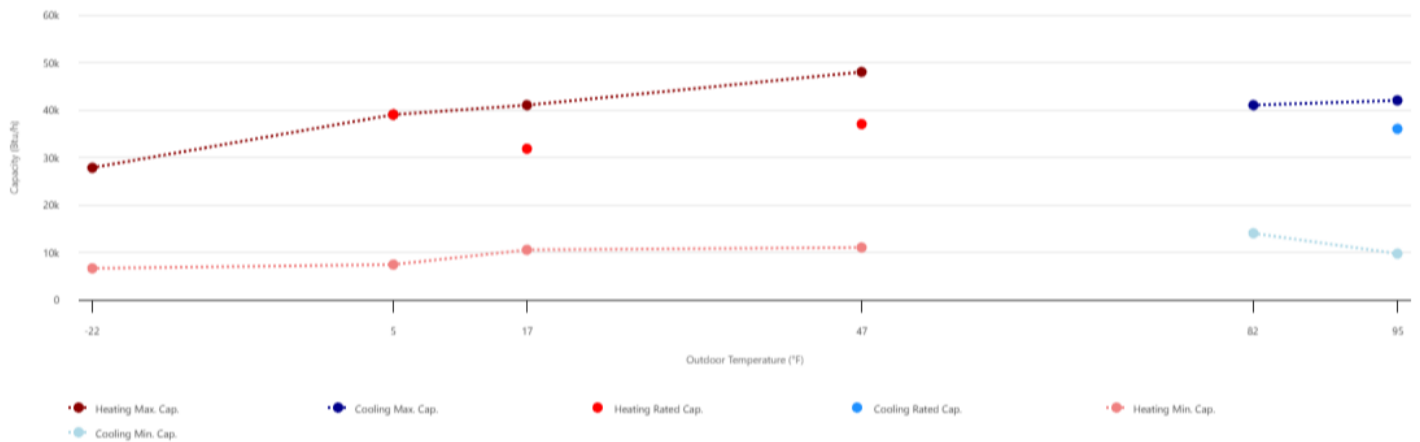
Indoor Model #*: **D5FUHAH36XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **33,200**

🔥 Rated Heating Capacity (Btu/h) @47°F: **33,000**

❄️ 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 #*	215319070
Outdoor Unit Model #*	D5CUHAH30AAK
Indoor Model #*	D5FUHAH36XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	12.1
SEER2+	17.2
HSPF2 (Region IV)*	10.8
HSPF2 (Region V)	8.8
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)	72%
Capacity Maintenance (Rated 5°F/Rated 47°F)	100%
Capacity Maintenance (Max 5°F/Rated 47°F)	100%
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*	11,200	30,000	40,000
			kW	1.02	2.48	3.88
			COP	3.22	3.55	3.02
Cooling	82°F	80°F	Btu/h*	12,600	-	34,400
			kW	0.63	-	2.15
			COP	5.86	-	4.69
Heating	47°F	70°F	Btu/h*	9,700	33,000	35,800
			kW	0.58	2.73	3.03
			COP	4.9	3.54	3.46
Heating	17°F	70°F	Btu/h*	12,600	24,000	24,600
			kW	1.33	2.61	3.71
			COP	2.78	2.69	1.94
Heating	5°F	70°F	Btu/h*	10,200	33,200	33,200
			kW	1.27	4.94	4.94
			COP	2.35	1.97	1.97
Heating	-22°F	70°F	Btu/h*	5,100	-	17,900
			kW	1.14	-	3.61
			COP	1.31	-	1.45