



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 #*: **215413297**

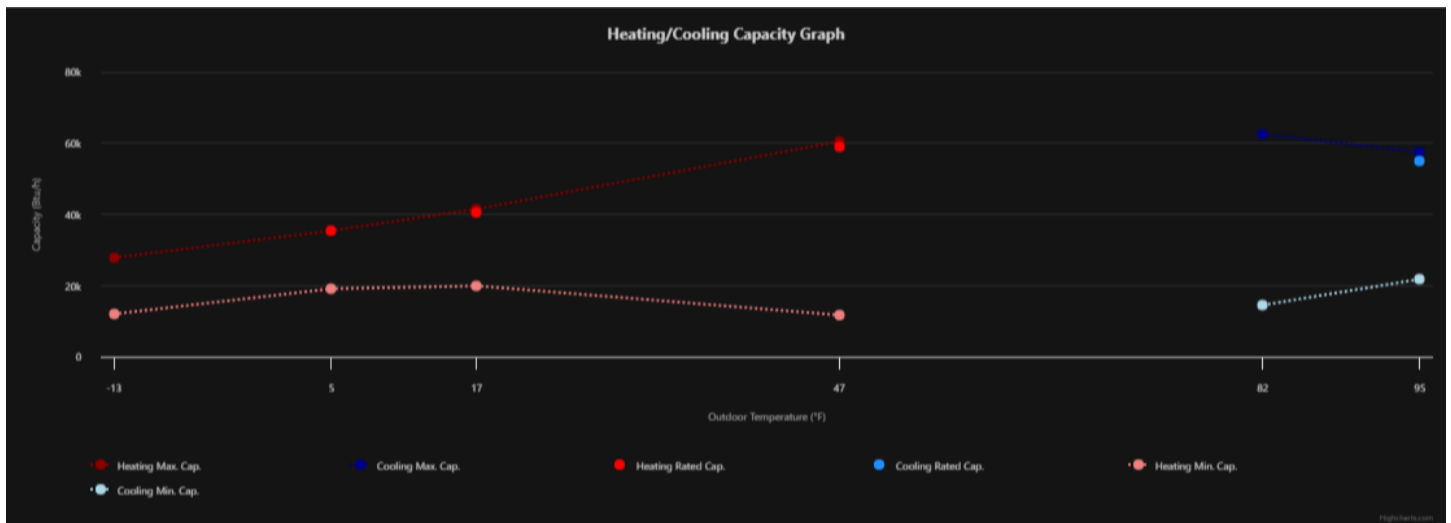
Outdoor Unit Model #*: **D5CPRAH12AAK**

Indoor Model #*: **D5FPAH12XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **13,500**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **12,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F*: **12,000**



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate #*	215413297
Outdoor Unit Model #*	D5CPRAH12AAK
Indoor Model #*	D5FPHAH12XAK
Indoor Unit Type*	Mini-Splits
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	13.5
SEER2+	28
HSPF2 (Region IV)*	12.7
HSPF2 (Region V)	9.3
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)	91%
Capacity Maintenance (Rated 5°F/Rated 47°F)	112%
Capacity Maintenance (Max 5°F/Rated 47°F)	112%
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*	3,100	12,000	16,500
			kW	0.18	0.89	1.38
			COP	5.05	3.95	3.5
Cooling	82°F	80°F	Btu/h*	2,500	-	15,100
			kW	0.07	-	0.59
			COP	10.47	-	7.5
Heating	47°F	70°F	Btu/h*	4,000	12,000	17,200
			kW	0.2	0.98	1.59
			COP	5.86	3.59	3.17
Heating	17°F	70°F	Btu/h*	1,600	11,000	14,600
			kW	0.25	1.34	1.89
			COP	1.88	2.41	2.26
Heating	5°F	70°F	Btu/h*	900	13,500	13,500
			kW	0.23	1.98	1.98
			COP	1.15	2	2
Heating	-22°F	70°F	Btu/h*	4,100	-	7,500
			kW	1.05	-	1.7
			COP	1.14	-	1.29