



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 #*: **215413298**

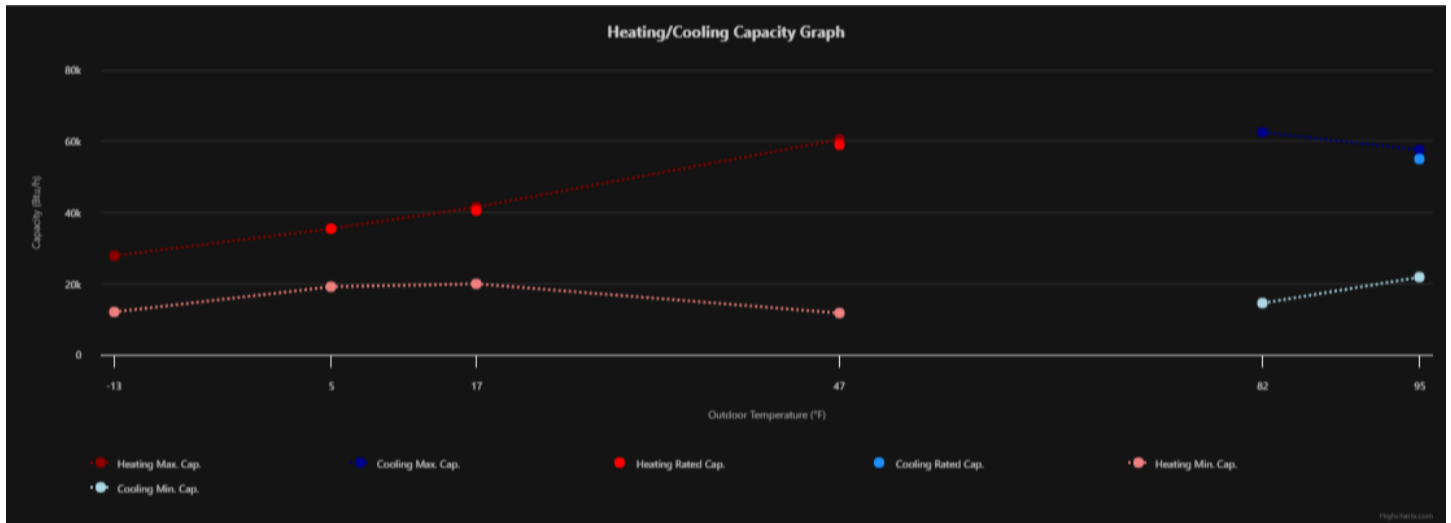
Outdoor Unit Model #*: **D5CPRAH18AA**

Indoor Model #*: **D5FPAH18XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **22,600**

🔥 Rated Heating Capacity (Btu/h) @47°F: **20,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F: **18,000**



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate #*	215413298
Outdoor Unit Model #*	D5CPRAH18AA
Indoor Model #*	D5FPHAH18XAK
Indoor Unit Type*	Mini-Splits
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	14
SEER2+	24.5
HSPF2 (Region IV)*	15.2
HSPF2 (Region V)	12.2
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)	96%
Capacity Maintenance (Rated 5°F/Rated 47°F)	113%
Capacity Maintenance (Max 5°F/Rated 47°F)	113%
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*	12,600	18,000	27,900
			kW	0.94	1.29	2.28
			COP	3.93	4.09	3.59
Cooling	82°F	80°F	Btu/h*	5,800	-	32,000
			kW	0.2	-	1.91
			COP	8.5	-	4.91
Heating	47°F	70°F	Btu/h*	9,700	20,000	29,700
			kW	0.52	1.33	2.44
			COP	5.47	4.41	3.57
Heating	17°F	70°F	Btu/h*	11,500	19,300	23,200
			kW	1.49	1.88	2.89
			COP	2.26	3.01	2.35
Heating	5°F	70°F	Btu/h*	9,300	22,600	22,600
			kW	1.39	2.83	2.83
			COP	1.96	2.34	2.34
Heating	-22°F	70°F	Btu/h*	2,400	-	11,900
			kW	0.72	-	2.41
			COP	0.98	-	1.45