



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215319075**

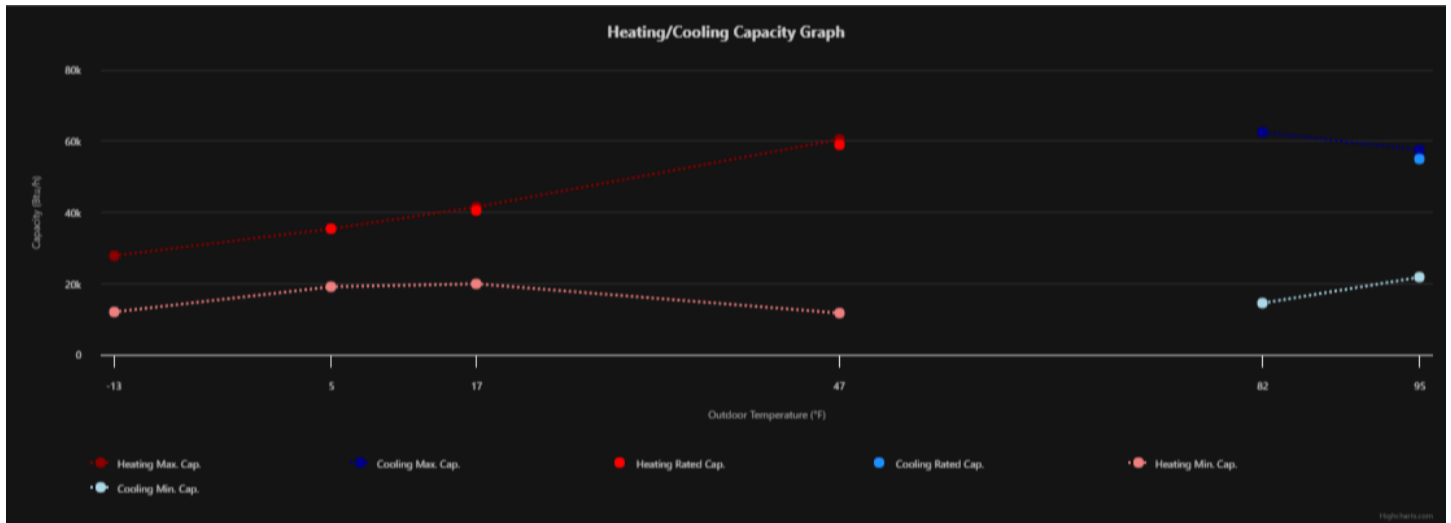
Outdoor Unit Model #*: **D5CSRAH18AAK**

Indoor Model #*: **D5FSAAH18XBK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **13,000**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **18,000**

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



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215319075
Outdoor Unit Model #*	D5CSRAH18AAK
Indoor Model #*	D5FSAAH18XBK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	12.2
SEER2+	18.5
HSPF2 (Region IV)*	9.8
HSPF2 (Region V)	7.7
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)	73%
Capacity Maintenance (Rated 5°F/Rated 47°F)	72%
Capacity Maintenance (Max 5°F/Rated 47°F)	72%
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*	5,600	18,000	20,400
			kW	0.47	1.48	1.85
			COP	3.49	3.56	3.23
Cooling	82°F	80°F	Btu/h*	4,300	-	21,800
			kW	0.23	-	1.14
			COP	5.48	-	5.6
Heating	47°F	70°F	Btu/h*	5,500	18,000	21,800
			kW	0.32	1.47	1.8
			COP	5.04	3.59	3.55
Heating	17°F	70°F	Btu/h*	4,200	13,200	14,800
			kW	0.53	1.49	1.75
			COP	2.32	2.6	2.48
Heating	5°F	70°F	Btu/h*	3,700	13,000	13,000
			kW	0.56	1.66	1.66
			COP	1.94	2.3	2.3
Heating	-13°F	70°F	Btu/h*	2,300	-	8,300
			kW	0.6	-	1.52
			COP	1.12	-	1.6