



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA D5C Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **217456607**

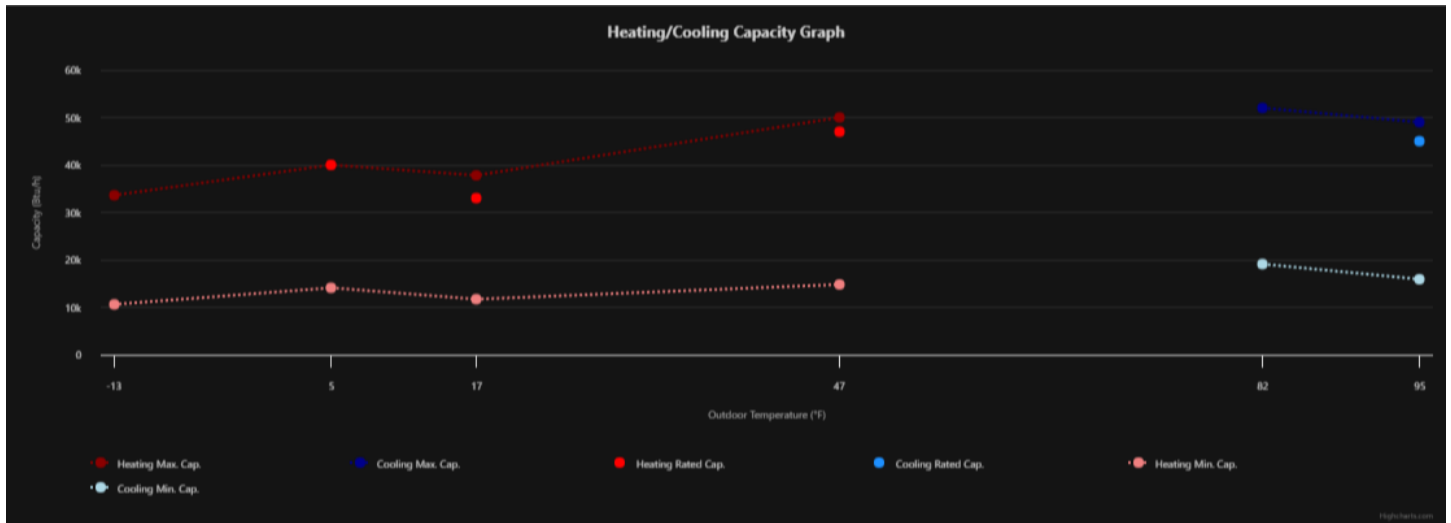
Outdoor Unit Model #*: **D5CUHAH24AAK**

Indoor Model #*: **D5FULAH24XBX**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **21,000**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **25,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F*: **24,000**



Information Tables

Brand	MIDEA
Series	D5C Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	217456607
Outdoor Unit Model #*	D5CUHAH24AAK
Indoor Model #*	D5FULAH24XBX
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	10
SEER2+	16
HSPF2 (Region IV)*	9.5
HSPF2 (Region V)	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)	78%
Capacity Maintenance (Rated 5°F/Rated 47°F)	84%
Capacity Maintenance (Max 5°F/Rated 47°F)	84%
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-454B
Created At	2026-03-31
Updated At	2026-06-30
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*	7,900	24,000	27,600
			kW	0.68	2.4	2.89
			COP	3.4	2.93	2.8
Cooling	82°F	80°F	Btu/h*	5,800	-	20,800
			kW	0.5	-	1.44
			COP	3.4	-	4.23
Heating	47°F	70°F	Btu/h*	6,800	25,000	30,000
			kW	0.6	2.29	2.9
			COP	3.32	3.2	3.03
Heating	17°F	70°F	Btu/h*	6,800	19,700	22,000
			kW	0.96	2.17	3.22
			COP	2.08	2.66	2
Heating	5°F	70°F	Btu/h*	6,600	21,000	21,000
			kW	1.02	3.42	3.42
			COP	1.9	1.8	1.8
Heating	-22°F	70°F	Btu/h*	3,000	-	12,100
			kW	1.1	-	2.71
			COP	0.8	-	1.31