



NEEP'S COLD CLIMATE AIR SOURCE

Heat Pump List



MIDEA

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215319080**

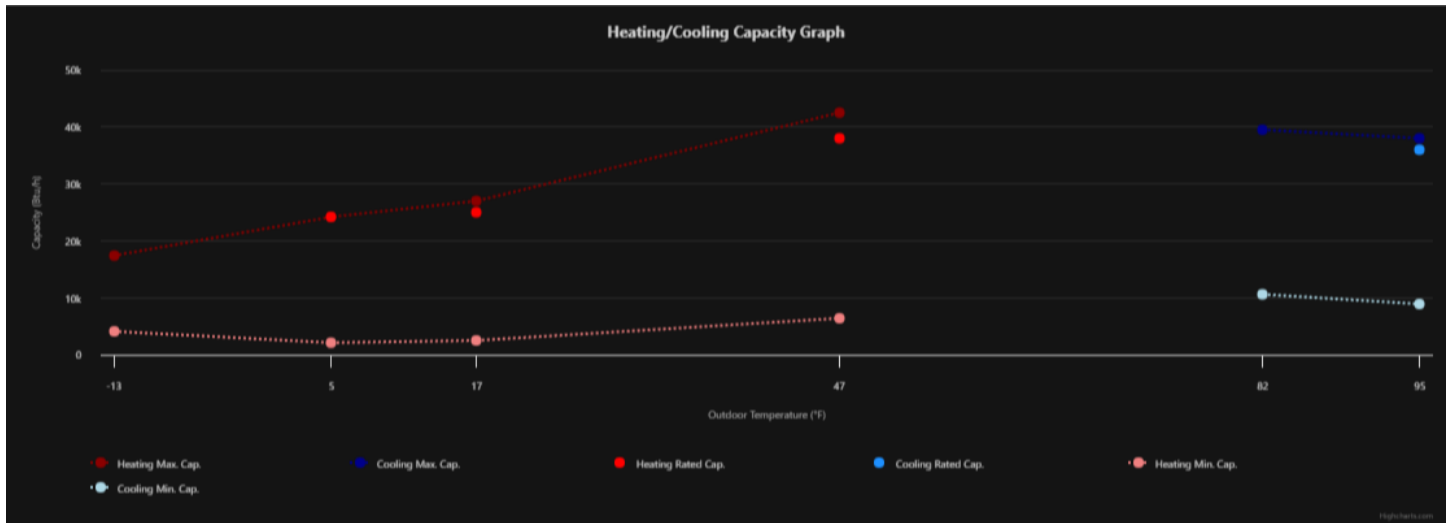
Outdoor Unit Model #*: **D5CIRAH36AAK**

Indoor Model #*: **D5FLAAH36XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **24,200**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **38,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F*: **36,000**



Information Tables

Brand	MIDEA
Series	
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215319080
Outdoor Unit Model #*	D5CLRAH36AAK
Indoor Model #*	D5FLAAH36XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	9
SEER2+	15.9
HSPF2 (Region IV)*	9.3
HSPF2 (Region V)	7.3
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)	65%
Capacity Maintenance (Rated 5°F/Rated 47°F)	63%
Capacity Maintenance (Max 5°F/Rated 47°F)	63%
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*	8,900	36,000	38,000
			kW	0.77	4	4.32
			COP	3.39	2.64	2.58
Cooling	82°F	80°F	Btu/h*	10,600	-	39,500
			kW	0.53	-	3.22
			COP	5.86	-	3.6
Heating	47°F	70°F	Btu/h*	6,400	38,000	42,500
			kW	0.44	3.31	3.77
			COP	4.26	3.36	3.3
Heating	17°F	70°F	Btu/h*	2,500	25,000	27,000
			kW	0.55	3.05	3.68
			COP	1.33	2.4	2.15
Heating	5°F	70°F	Btu/h*	2,100	24,200	24,200
			kW	0.69	3.71	3.71
			COP	0.89	1.91	1.91
Heating	-13°F	70°F	Btu/h*	4,100	-	17,400
			kW	1	-	3.35
			COP	1.2	-	1.52