

MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Compact Ducted

AHRI Cert #*: **215324610**

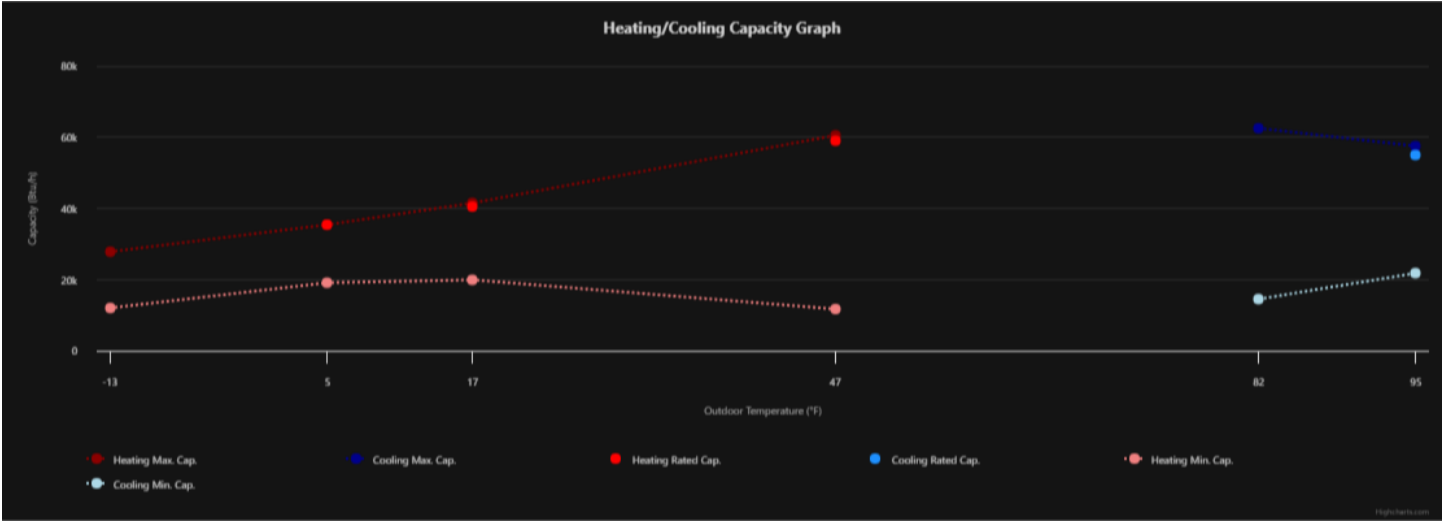
Outdoor Unit Model #*: **D5CIRAH48AAK**

Indoor Model #*: **D5FLDAH48XHK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **38,000**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **50,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F*: **48,000**



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Compact Ducted
AHRI Certificate #*	215324610
Outdoor Unit Model #*	D5CLRAH48AAK
Indoor Model #*	D5FLDAH48XHK
Indoor Unit Type*	Mini-Splits
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	10
SEER2+	17.2
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)	78%
Capacity Maintenance (Rated 5°F/Rated 47°F)	76%
Capacity Maintenance (Max 5°F/Rated 47°F)	76%
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*	11,000	48,000	56,500
			kW	0.93	4.8	5.85
			COP	3.47	2.93	2.83
Cooling	82°F	80°F	Btu/h*	12,200	-	62,000
			kW	0.6	-	4.14
			COP	5.96	-	4.39
Heating	47°F	70°F	Btu/h*	11,200	50,000	60,500
			kW	0.78	4.21	5.1
			COP	4.21	3.48	3.48
Heating	17°F	70°F	Btu/h*	10,100	39,000	46,500
			kW	1.4	4.61	5.8
			COP	2.11	2.48	2.35
Heating	5°F	70°F	Btu/h*	9,200	38,000	38,000
			kW	1.37	5.57	5.57
			COP	1.97	2	2
Heating	-13°F	70°F	Btu/h*	5,500	-	27,800
			kW	1.3	-	4.76
			COP	1.24	-	1.71