



Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215319057**

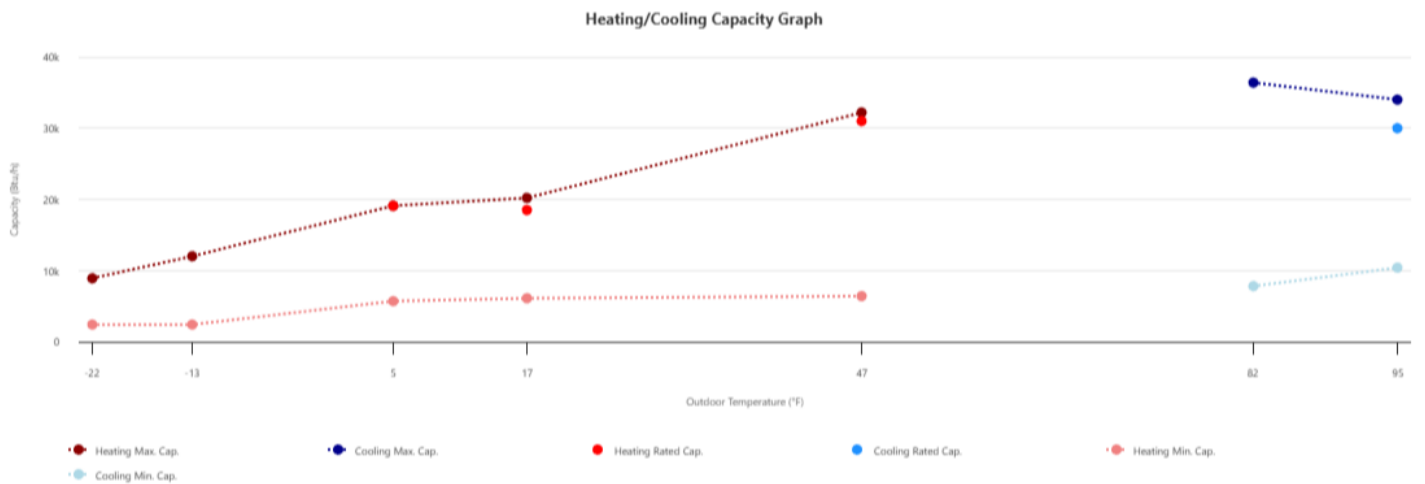
Outdoor Unit Model #*: **D5CUHAH24AAK**

Indoor Model #*: **D5FUHAH24XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **20,600**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **24,000**

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



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215319057
Outdoor Unit Model #*	D5CUHAH24AAK
Indoor Model #*	D5FUHAH24XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	12
SEER2+	18.7
HSPF2 (Region IV)*	10
HSPF2 (Region V)	8.1
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)	79%
Capacity Maintenance (Rated 5°F/Rated 47°F)	85%
Capacity Maintenance (Max 5°F/Rated 47°F)	85%
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-454B
Created At	2024-09-16
Updated At	2025-11-10
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*	6,400	24,000	28,800
			kW	0.83	2	2.85
			COP	2.26	3.52	2.96
Cooling	82°F	80°F	Btu/h*	8,900	-	22,800
			kW	0.41	-	1.17
			COP	6.36	-	5.71
Heating	47°F	70°F	Btu/h*	6,600	24,000	29,200
			kW	0.41	2.01	2.45
			COP	4.72	3.5	3.49
Heating	17°F	70°F	Btu/h*	4,900	19,000	20,200
			kW	0.7	2.11	2.64
			COP	2.05	2.64	2.24
Heating	5°F	70°F	Btu/h*	5,300	20,600	20,600
			kW	0.75	2.82	2.82
			COP	2.07	2.14	2.14
Heating	-22°F	70°F	Btu/h*	2,500	-	12,100
			kW	0.69	-	2.53
			COP	1.06	-	1.4