



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: 215319056

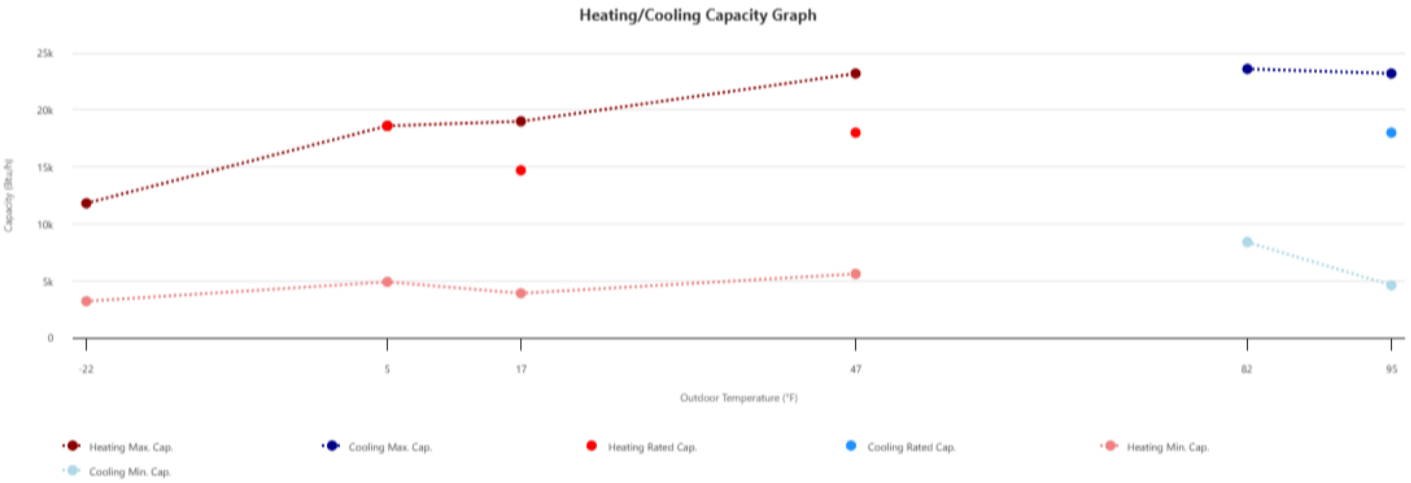
Outdoor Unit Model #*: D5CUHAH24AAK

Indoor Model #*: D5FUAH24XAK

🔥 Maximum Heating Capacity (Btu/h) @5°F: 21,600

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

❄️ Rated Cooling Capacity (Btu/h) @95°F: 23,000



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215319056
Outdoor Unit Model #*	D5CUHAH24AAK
Indoor Model #*	D5FUAAH24XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	11.7
SEER2+	18.4
HSPF2 (Region IV)*	10
HSPF2 (Region V)	8
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)	83%
Capacity Maintenance (Rated 5°F/Rated 47°F)	90%
Capacity Maintenance (Max 5°F/Rated 47°F)	90%
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*	7,200	23,000	27,000
			kW	0.53	1.97	2.87
			COP	3.98	3.42	2.76
Cooling	82°F	80°F	Btu/h*	8,800	-	22,600
			kW	0.42	-	1.21
			COP	6.14	-	5.47
Heating	47°F	70°F	Btu/h*	7,100	24,000	30,000
			kW	0.44	2.11	2.73
			COP	4.73	3.33	3.22
Heating	17°F	70°F	Btu/h*	8,500	20,000	22,200
			kW	0.91	2.42	2.9
			COP	2.74	2.42	2.24
Heating	5°F	70°F	Btu/h*	14,400	21,600	21,600
			kW	1.91	3.39	3.39
			COP	2.21	1.87	1.87
Heating	-22°F	70°F	Btu/h*	3,300	-	12,000
			kW	0.96	-	2.46
			COP	1.01	-	1.43