



Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215319069**

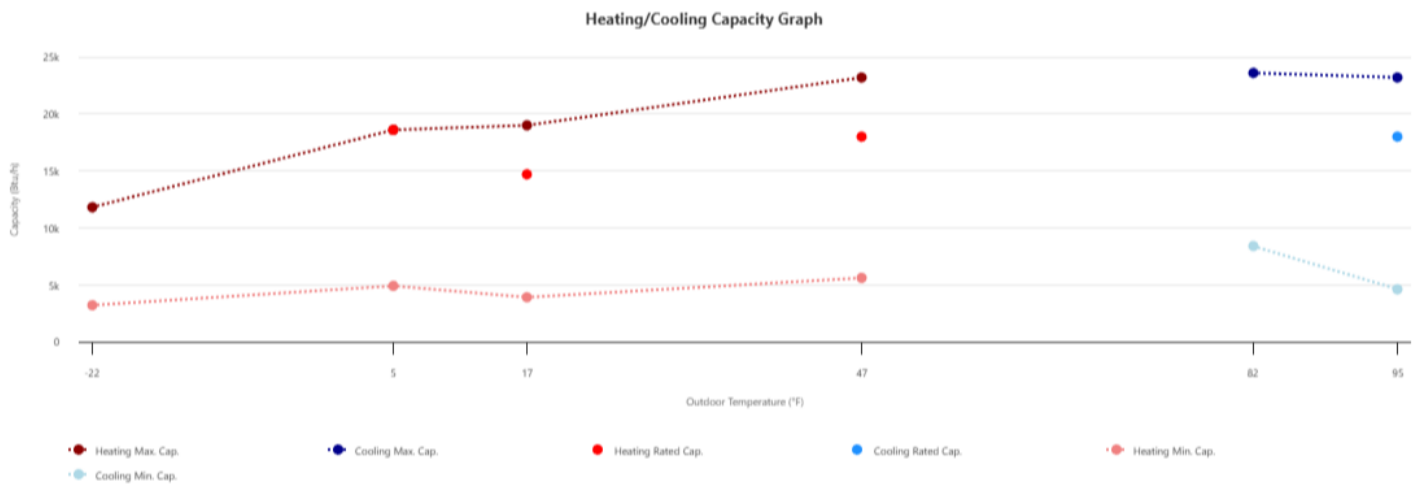
Outdoor Unit Model #*: **D5CUHAH18AAK**

Indoor Model #*: **D5FUHAH24XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **18,600**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **18,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F*: **18,000**



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215319069
Outdoor Unit Model #*	D5CUHAH18AAK
Indoor Model #*	D5FUHAH24XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	12.5
SEER2+	19
HSPF2 (Region IV)*	10.2
HSPF2 (Region V)	8.5
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)	81%
Capacity Maintenance (Rated 5°F/Rated 47°F)	103%
Capacity Maintenance (Max 5°F/Rated 47°F)	103%
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*	4,600	18,000	23,200
			kW	0.53	1.44	2.02
			COP	2.54	3.66	3.37
Cooling	82°F	80°F	Btu/h*	8,400	-	23,600
			kW	0.4	-	1.16
			COP	6.15	-	5.96
Heating	47°F	70°F	Btu/h*	5,600	18,000	23,200
			kW	0.41	1.47	1.9
			COP	4	3.59	3.58
Heating	17°F	70°F	Btu/h*	3,900	14,700	19,000
			kW	0.52	1.62	2.35
			COP	2.2	2.66	2.37
Heating	5°F	70°F	Btu/h*	4,900	18,600	18,600
			kW	0.67	2.57	2.57
			COP	2.14	2.12	2.12
Heating	-22°F	70°F	Btu/h*	3,200	-	11,800
			kW	0.71	-	3.5
			COP	1.32	-	0.99