



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: 215319055

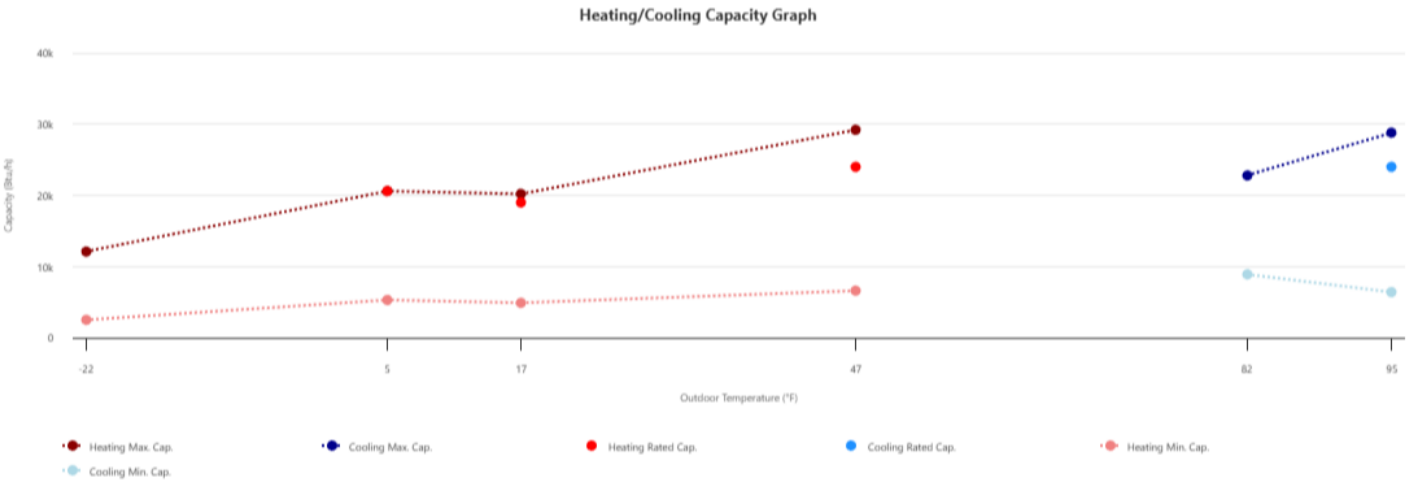
Outdoor Unit Model #*: D5CUHAH18AAK

Indoor Model #*: D5FUAH18XAK

🔥 Maximum Heating Capacity (Btu/h) @5°F: 18,000

🔥 Rated Heating Capacity (Btu/h) @47°F: 19,000

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



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215319055
Outdoor Unit Model #*	D5CUHAH18AAK
Indoor Model #*	D5FUAAH18XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	12.5
SEER2+	19
HSPF2 (Region IV)*	9.8
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)	78%
Capacity Maintenance (Rated 5°F/Rated 47°F)	94%
Capacity Maintenance (Max 5°F/Rated 47°F)	94%
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*	5,600	18,000	22,000
			kW	0.44	1.44	1.95
			COP	3.73	3.66	3.31
Cooling	82°F	80°F	Btu/h*	8,400	-	23,400
			kW	0.42	-	1.17
			COP	5.86	-	5.86
Heating	47°F	70°F	Btu/h*	6,000	19,000	22,000
			kW	0.5	1.74	1.95
			COP	3.52	3.2	3.31
Heating	17°F	70°F	Btu/h*	5,700	15,000	21,600
			kW	0.74	1.69	2.75
			COP	2.26	2.6	2.3
Heating	5°F	70°F	Btu/h*	5,200	18,000	18,000
			kW	0.84	2.64	2.64
			COP	1.81	2	2
Heating	-22°F	70°F	Btu/h*	4,500	-	12,000
			kW	0.85	-	2.5
			COP	1.55	-	1.41