



Heat Pump List



MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #*: **215323731**

Outdoor Unit Model #*: **D5CUHAH36AAK**

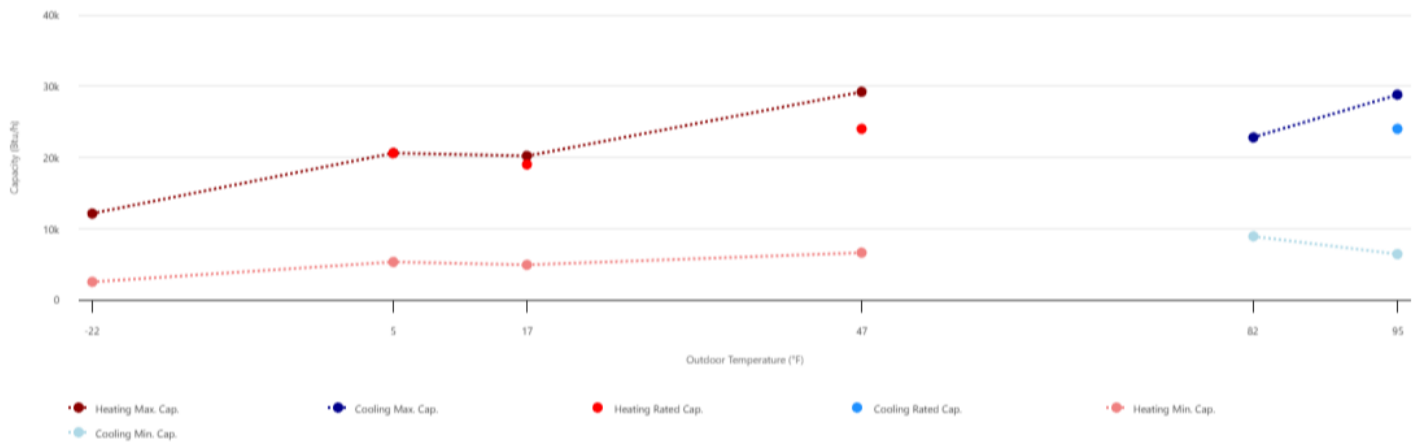
Indoor Model #*: **D5FUHAH36XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **37,400**

🔥 Rated Heating Capacity (Btu/h) @47°F*: **37,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F*: **36,000**

Heating/Cooling Capacity Graph



Information Tables

Brand	MIDEA
Series	D5F Series
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	215323731
Outdoor Unit Model #*	D5CUHAH36AAK
Indoor Model #*	D5FUHAH36XAK
Indoor Unit Type*	
Furnace Model* #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2+	12
SEER2+	18
HSPF2 (Region IV)*	10
HSPF2 (Region V)	8.3
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)	101%
Capacity Maintenance (Max 5°F/Rated 47°F)	101%
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-454B
Created At	2024-10-08
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*	12,100	36,000	43,000
			kW	0.91	3	4.37
			COP	3.9	3.52	2.88
Cooling	82°F	80°F	Btu/h*	14,500	-	38,000
			kW	0.73	-	2.83
			COP	5.82	-	3.94
Heating	47°F	70°F	Btu/h*	11,400	37,000	47,000
			kW	0.76	3.1	4.21
			COP	4.4	3.5	3.27
Heating	17°F	70°F	Btu/h*	11,000	31,000	41,500
			kW	1.25	3.63	5.5
			COP	2.58	2.5	2.21
Heating	5°F	70°F	Btu/h*	8,900	37,400	37,400
			kW	1.21	5.77	5.77
			COP	2.16	1.9	1.9
Heating	-22°F	70°F	Btu/h*	4,700	-	27,600
			kW	1.08	-	5.19
			COP	1.28	-	1.56