



MIDEA

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #+: **217456619**

Outdoor Unit Model #+: **D5CURAH18AAK**

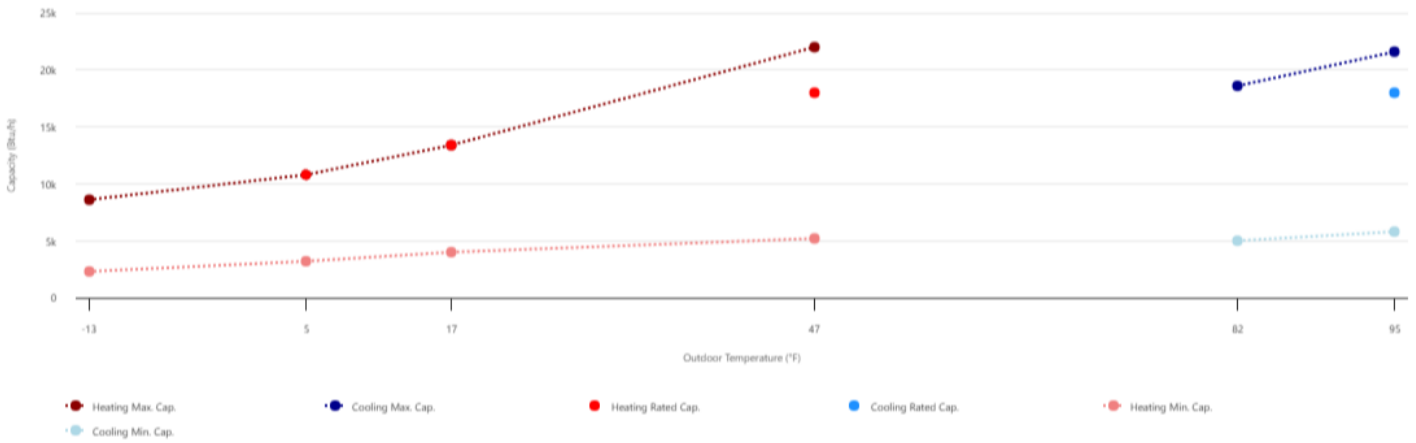
Indoor Model #+: **D5FULAH24XBX**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **10,800**

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

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

Heating/Cooling Capacity Graph



Information Tables

Brand	MIDEA
Series	
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #*	217456619
Outdoor Unit Model #*	D5CURAH18AAK
Indoor Model #*	D5FULAH24XBX
Indoor Unit Type*	
Furnace Model #	
EER*	
SEER*	
HSPF (Region IV)*	
EER2*	10.2
SEER2*	16
HSPF2 (Region IV)*	8.6
HSPF2 (Region V)	6.9
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)	74%
Capacity Maintenance (Rated 5°F/Rated 47°F)	60%
Capacity Maintenance (Max 5°F/Rated 47°F)	60%
Variable Capacity	✔
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R-454B
Created At	2026-03-31
Updated At	2026-06-04
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*	5,800	18,000	21,600
			kW	0.5	1.76	2
			COP	3.4	3	3.17
Cooling	82°F	80°F	Btu/h*	5,000	-	18,600
			kW	0.3	-	1.28
			COP	4.88	-	4.26
Heating	47°F	70°F	Btu/h*	5,200	18,000	22,000
			kW	0.3	1.67	1.8
			COP	5.08	3.16	3.58
Heating	17°F	70°F	Btu/h*	4,000	13,400	13,400
			kW	0.47	1.48	1.48
			COP	2.49	2.65	2.65
Heating	5°F	70°F	Btu/h*	3,200	10,800	10,800
			kW	0.5	1.76	1.76
			COP	1.88	1.8	1.8
Heating	-13°F	70°F	Btu/h*	2,300	-	8,600
			kW	0.7	-	1.58
			COP	0.96	-	1.6