



NEEP'S COLD CLIMATE AIR SOURCE

# Heat Pump List



## MIDEA D5F Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #\*: **215319081**

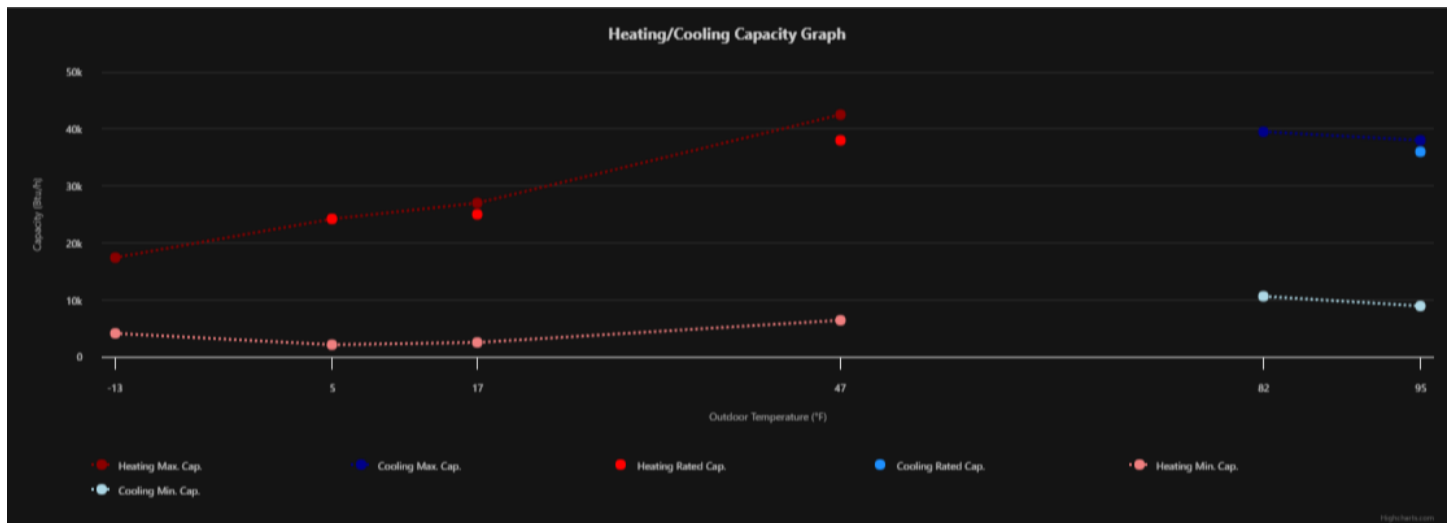
Outdoor Unit Model #\*: **D5CIRAH48AAK**

Indoor Model #\*: **D5FLAAH48XAK**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **35,200**

🔥 Rated Heating Capacity (Btu/h) @47°F\*: **50,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F\*: **48,000**



Information Tables

|                                              |                                        |
|----------------------------------------------|----------------------------------------|
| Brand                                        | MIDEA                                  |
| Series                                       | D5F Series                             |
| Ducting Configuration                        | Singlezone Ducted,<br>Centrally Ducted |
| AHRI Certificate #*                          | 215319081                              |
| Outdoor Unit Model #*                        | D5CLRAH48AAK                           |
| Indoor Model #*                              | D5FLAAH48XAK                           |
| Indoor Unit Type*                            |                                        |
| Furnace Model* #                             |                                        |
| EER*                                         |                                        |
| SEER*                                        |                                        |
| HSPF (Region IV)*                            |                                        |
| EER2*                                        | 10                                     |
| SEER2*                                       | 17.8                                   |
| HSPF2 (Region IV)*                           | 10                                     |
| HSPF2 (Region V)                             | 7.7                                    |
| 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) | 80%                                    |
| Capacity Maintenance (Rated 5°F/Rated 47°F)  | 70%                                    |
| Capacity Maintenance (Max 5°F/Rated 47°F)    | 70%                                    |
| Variable Capacity                            | ✓                                      |
| Integration                                  |                                        |
| Connectivity                                 |                                        |
| Operational Diagnostics                      |                                        |
| Refrigerant                                  | R-454B                                 |
| Created At                                   | 2026-03-31                             |
| Updated At                                   | 2026-07-27                             |
| 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* | 9,500  | 48,000 | 56,000 |
|                   |                  |                 | kW     | 1.29   | 4.8    | 6.05   |
|                   |                  |                 | COP    | 2.16   | 2.93   | 2.71   |
| Cooling           | 82°F             | 80°F            | Btu/h* | 15,400 | -      | 59,000 |
|                   |                  |                 | kW     | 0.66   | -      | 4.31   |
|                   |                  |                 | COP    | 6.84   | -      | 4.01   |
| Heating           | 47°F             | 70°F            | Btu/h* | 11,700 | 50,000 | 60,000 |
|                   |                  |                 | kW     | 0.71   | 4.19   | 5.48   |
|                   |                  |                 | COP    | 4.83   | 3.5    | 3.21   |
| Heating           | 17°F             | 70°F            | Btu/h* | 7,700  | 40,000 | 41,000 |
|                   |                  |                 | kW     | 1.08   | 4.51   | 5.27   |
|                   |                  |                 | COP    | 2.09   | 2.6    | 2.28   |
| Heating           | 5°F              | 70°F            | Btu/h* | 5,100  | 35,200 | 35,200 |
|                   |                  |                 | kW     | 0.99   | 5.43   | 5.43   |
|                   |                  |                 | COP    | 1.51   | 1.9    | 1.9    |
| Heating           | -13°F            | 70°F            | Btu/h* | 2,000  | -      | 26,000 |
|                   |                  |                 | kW     | 1.09   | -      | 4.73   |
|                   |                  |                 | COP    | 0.54   | -      | 1.61   |