



NEEP'S COLD CLIMATE AIR SOURCE

# Heat Pump List



## MIDEA D5C Series

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #\*: **217456605**

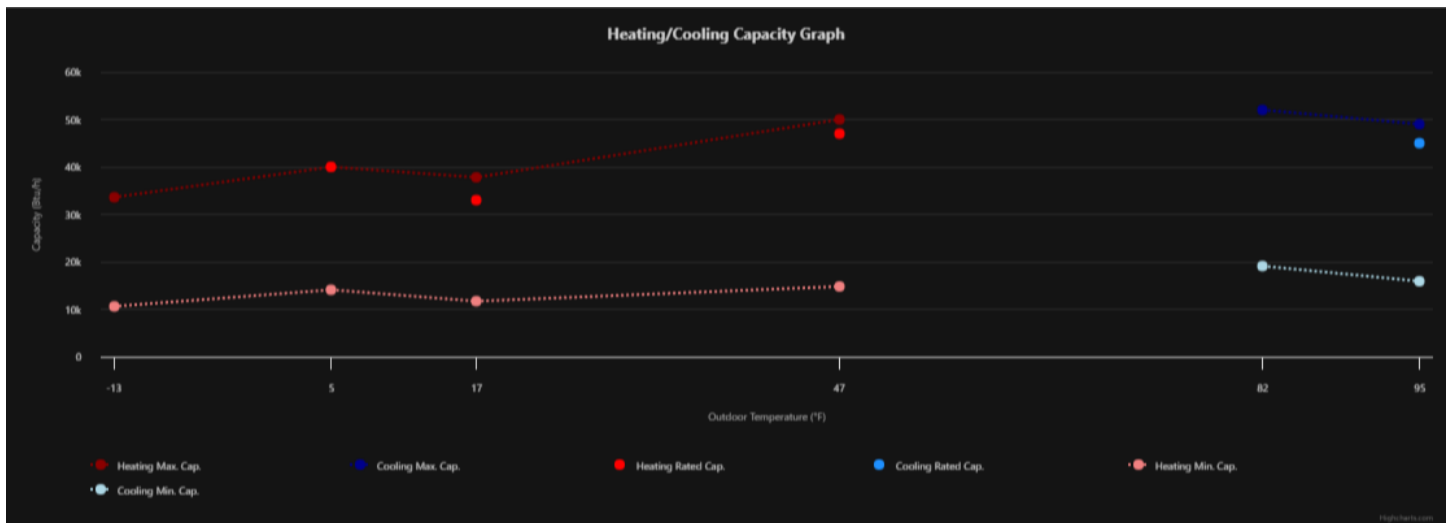
Outdoor Unit Model #\*: **D5CUHAH18AAK**

Indoor Model #\*: **D5FULAH24XBX**

🔥 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                                       | D5C Series                             |
| Ducting Configuration                        | Singlezone Ducted,<br>Centrally Ducted |
| AHRI Certificate #*                          | 217456605                              |
| Outdoor Unit Model #*                        | D5CUHAH18AAK                           |
| Indoor Model #*                              | D5FULAH24XBX                           |
| Indoor Unit Type*                            |                                        |
| Furnace Model* #                             |                                        |
| EER*                                         |                                        |
| SEER*                                        |                                        |
| HSPF (Region IV)*                            |                                        |
| EER2+                                        | 11.7                                   |
| SEER2+                                       | 16.1                                   |
| HSPF2 (Region IV)*                           | 9.5                                    |
| HSPF2 (Region V)                             | 7.8                                    |
| 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) | 80%                                    |
| 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                                   | 2026-03-31                             |
| Updated At                                   | 2026-06-30                             |
| 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 | 22,800 |
|                   |                  |                 | kW     | 0.53  | 1.54   | 2.12   |
|                   |                  |                 | COP    | 3.1   | 3.43   | 3.15   |
| Cooling           | 82°F             | 80°F            | Btu/h* | 5,600 | -      | 20,200 |
|                   |                  |                 | kW     | 0.36  | -      | 1.39   |
|                   |                  |                 | COP    | 4.56  | -      | 4.26   |
| Heating           | 47°F             | 70°F            | Btu/h* | 5,600 | 19,000 | 22,800 |
|                   |                  |                 | kW     | 0.35  | 1.69   | 2.04   |
|                   |                  |                 | COP    | 4.69  | 3.29   | 3.28   |
| Heating           | 17°F             | 70°F            | Btu/h* | 6,500 | 15,200 | 21,000 |
|                   |                  |                 | kW     | 0.87  | 1.65   | 3.08   |
|                   |                  |                 | COP    | 2.19  | 2.7    | 2      |
| Heating           | 5°F              | 70°F            | Btu/h* | 5,200 | 18,000 | 18,000 |
|                   |                  |                 | kW     | 0.7   | 2.56   | 2.56   |
|                   |                  |                 | COP    | 2.18  | 2.06   | 2.06   |
| Heating           | -22°F            | 70°F            | Btu/h* | 2,800 | -      | 11,500 |
|                   |                  |                 | kW     | 1     | -      | 2.34   |
|                   |                  |                 | COP    | 0.82  | -      | 1.44   |