

# DE HE SERIES

## HIGH EFFICIENCY CASED MULTI-POSITION ALUMINUM EVAPORATOR COIL

### FEATURES, BENEFITS, DIMENSIONS, & SPECIFICATIONS

#### FEATURES AND BENEFITS:



Unit shown with service panels removed. Representative drawing only. Some models may vary in appearance. Due to continuous product improvement, specifications are subject to change without notice.

- Rifled aluminum tubing, enhanced aluminum fins.
- Left or right-hand refrigerant and plumbing connections.
  - Liquid line - 3/8" ODS DE24-36 and 7/8" for DE42-60.
- Externally mounted flowrater body with Schrader valve for hiss-testing.
- Heavy duty plastic drain pans standard.
- Embossed galvanized steel cabinets standard with painted options for OEM color.
- Multi-stage leak testing with high-pressure testing at 500 psi, mass spectrometer pressure decay with Helium, then sealed and Nitrogen-pressurized.
- Upflow standard; downflow with field-installed kit, sold separately.
- Split access doors in front of cabinet for easy service access.
- Fully insulated cabinets with foil-faced insulation.
- AHRI certifiable with all brands of A/C and heat pump systems.
- ETL listed for use with R-410A, R-454B, R-22, and R-32 when proper metering device is used.
- Ten-year limited warranty.

#### CUSTOMIZATION

- Factory or field-installed TXV available.
- OEM color-matched cabinets.
- High-temperature plastic drain pan.



**WANT MORE INFORMATION ON ASPEN'S DE SERIES HIGH EFFICIENCY EVAPORATOR COILS?**

SCAN QR CODE TO VISIT THIS PRODUCT ON OUR WEBSITE



*For complete warranty details, please visit our Warranty Information tab when you visit Aspen's website. To view this coil's product information online for the most up-to-date information scan the QR Code.*

In keeping with its commitment to continuous improvement, Aspen Manufacturing reserves the right to make changes without notice and incurring obligation. To stay up-to-date with this product and Aspen's trusted line of coils, air handlers, and more, go to our website. DE HE Spec-2025-03

# SPECIFICATIONS & PERFORMANCE:

| COIL MODEL | NOMINAL CAPACITY (BTUs) | CABINET DIMENSIONS            |                |           |            | SHIPPING INFORMATION |       |       |          |
|------------|-------------------------|-------------------------------|----------------|-----------|------------|----------------------|-------|-------|----------|
|            |                         | MIN. WIDTH                    | MAX. WIDTH (W) | DEPTH (D) | HEIGHT (H) | WEIGHT (LBS)         |       |       | SKID QTY |
|            |                         |                               |                |           |            | 2 ROW                | 3 ROW | 4 ROW |          |
| DE25A*     | 24,000                  | 14                            | 21             | 21.50     | 19         | 35                   | 38    | 43    | 20       |
| DE25B*     |                         | 14                            |                |           | 19         | 38                   | 41    | 47    | 20       |
| DE25C*     |                         | 14                            |                |           | 23         | 42                   | 48    | 52    | 16       |
| DE25D*     |                         | 14                            |                |           | 23         | 46                   | 52    | 58    | 16       |
| DE25E*     |                         | 14                            |                |           | 27         | 51                   | 56    | 59    | 12       |
| DE31A*     | 30,000                  | 14                            |                |           | 19         | 38                   | 41    | 47    | 20       |
| DE31B*     |                         | 14                            |                |           | 23         | 42                   | 48    | 52    | 16       |
| DE31C*     |                         | 14                            |                |           | 23         | 46                   | 52    | 58    | 12       |
| DE31D*     |                         | 14                            |                |           | 27         | 51                   | 56    | 59    | 12       |
| DE31E*     |                         | 14                            |                |           | 27         | 55                   | 61    | 63    | 12       |
| DE37A*     | 36,000                  | 14 for 2,<br>3R;<br>17 for 4R |                |           | 23         | 42                   | 48    | 52    | 12       |
| DE37B*     |                         |                               |                |           | 23         | 46                   | 52    | 58    | 12       |
| DE37C*     |                         |                               |                |           | 27         | 51                   | 56    | 59    | 12       |
| DE37D*     |                         |                               |                |           | 27         | 55                   | 61    | 63    | 12       |
| DE37E*     |                         |                               |                |           | 17         | 30                   | 56    | 65    | 73       |
| DE43A*     | 42,000                  | 17                            | 23             | 46        | 52         | 58                   | 12    |       |          |
| DE43B*     |                         | 17                            | 27             | 51        | 56         | 59                   | 12    |       |          |
| DE43C*     |                         | 17                            | 27             | 55        | 61         | 63                   | 12    |       |          |
| DE43D*     |                         | 17                            | 30             | 56        | 65         | 73                   | 10    |       |          |
| DE43E*     |                         | 17                            | 30             | 60        | 72         | 77                   | 12    |       |          |
| DE49A*     | 48,000                  | 17                            | 27             | 51        | 56         | 59                   | 12    |       |          |
| DE49B*     |                         | 17                            | 27             | 55        | 61         | 63                   | 12    |       |          |
| DE49C*     |                         | 17                            | 30             | 56        | 65         | 73                   | 12    |       |          |
| DE49D*     |                         | 17                            | 30             | 60        | 72         | 77                   | 12    |       |          |
| DE49E*     |                         | 17                            | 35             | 66        | 79         | 87                   | 12    |       |          |
| DE61A*     | 60,000                  | 21                            | 30             | 56        | 65         | 73                   | 12    |       |          |
| DE61B*     |                         | 21                            | 30             | 63        | 72         | 77                   | 12    |       |          |
| DE61C*     |                         | 21                            | 35             | 66        | 75         | 82                   | 12    |       |          |
| DE61D*     |                         | 21                            | 35             | 66        | 79         | 87                   | 12    |       |          |

Duct opening dimensions can be ascertained by subtracting 1.50" for top opening width/depth, 3/4" for bottom opening.

Notes: 1) Do not use heavy duty plastic drain pans on oil furnaces or other applications where outlet temperatures may exceed 290°F +/- 5°F. Specialty metal drain pans for these applications. 2) Metal drain pan. 3) For all coils - Liquid line 3/8" ODS for DE24-36, 7/8" for DE42-60.

| DRAIN PAN TEMPERATURE TABLE |             |
|-----------------------------|-------------|
| DRAIN PAN TYPE              | TEMP LIMITS |
| Plastic - Standard          | 290°        |
| Plastic - High Temp         | 425°        |
| Metal - High Temp           | 600°        |

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