

# Replacement Coils



[www.Alcoil.net](http://www.Alcoil.net)

## Equipment: ADVANTIX

### Description

Alcoil manufactures alternative replacement condenser coils for Advantix brand dehumidification systems. These replacement coils are designed as near perfect drop-in and higher quality, longer life. The coils are 21.2" wide X 22.7" wide x 1.5" deep and have copper I.D. solder connections for easy installation.

### Key Features

- Available from Stock or 4-6 weeks
- UL Listed, U.S. & Canada
- Five (5) Year Warranty on E-Coated models
- 650 PSI Working Pressure for R410A Service
- 7/8" IDS copper Inlet, 1/2" IDS copper Outlet
- Covers Advantix Product Lines: OA, DH, DT, CC, PL, and RS

**Model: C21.9x19x.83H-15D28-Q0155C-01 (E-Coated)**

### Comparative Advantages

- USA Made - High Quality
- Proven Performance and Robust Design
- 100% Factory Leak Tested
- Thicker Tube Walls for Longer Service Life
- Low Flux Manufacturing Method - Provides Lower Corrosion Potential
- Optional Epoxy E-Coated

### The Best Replacement Coil

Alcoil replacement coils are designed as an UPGRADE and improvement to the original manufacturer's heat exchangers, either Microchannel type or Fin/Tube type. While many OEM's use foreign made coils, Alcoil builds in long life quality. The heat exchanger "Upgrade" feature is due to thicker tube walls, a more robust design to withstand thermal cycling and E-Coating to assure long life corrosion protection.

As a primary supplier to major HVAC & Refrigeration Original Equipment Manufacturers, Alcoil leads the industry in Microchannel coil Design, Quality, and Customer Service. All Alcoil heat exchangers are made in York, Pennsylvania, USA and are shipped from stock or made to order.

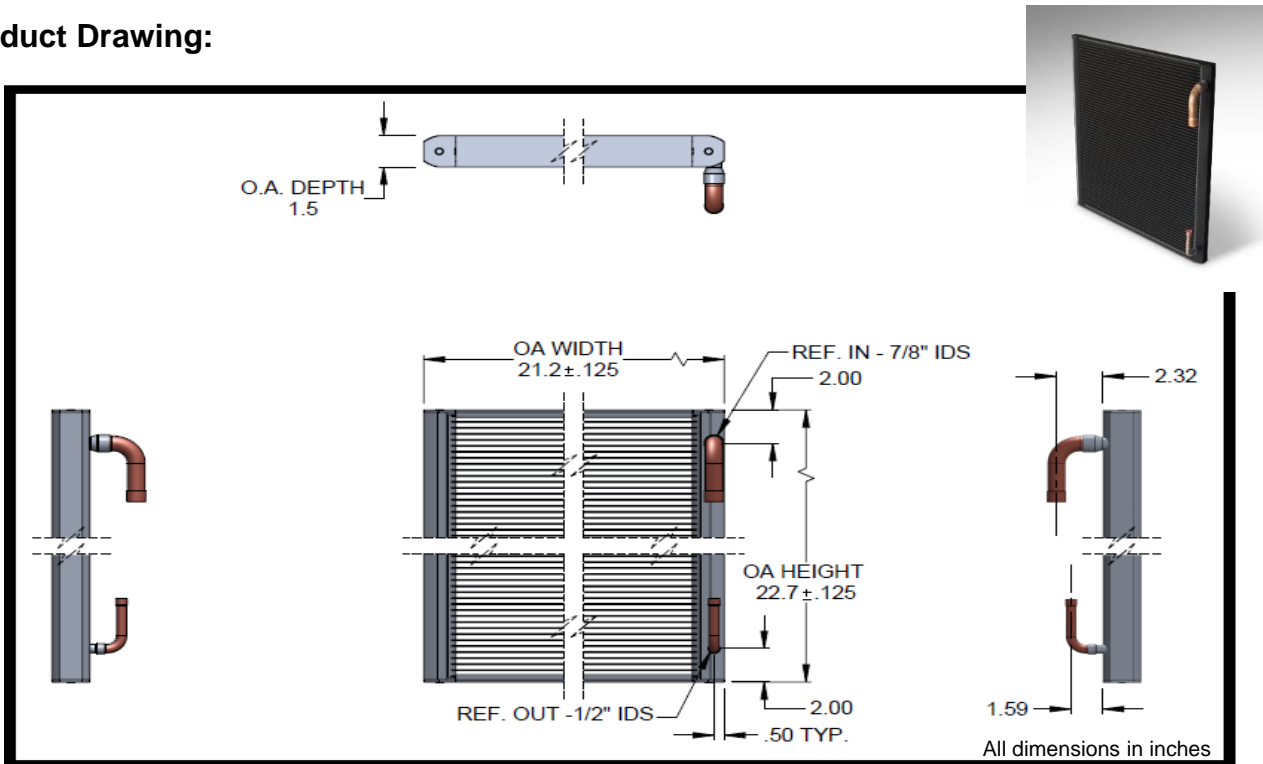


**E-Coated (Recommended)**



# Advantix Replacement Coils

## Product Drawing:



**Model:** C21.9x19x.83H-15D28-Q0155C-01 (E-Coated)  
C21.9x19x.83H-15D28-Q0155-01 (no coating)

### E-Coating (Recommended for Replacement Coils)

Recommended in Industrial applications or within 50 miles of Sea Coast Environments.

Recommended for replacement coils where the previously failed coil shows signs of refrigerant oil spots on the coil, due to corrosion or thermal cycling.

- Epoxy Electrocoat, PPG Powercron Series; 0.001 Inch Nominal Coating Thickness
- Black, Semi-gloss appearance

### Installation Requirements

- Confirm Dimensional fit. (Fit is not exact)
- Remove existing coil using standard industry practices and in accordance with refrigerant recovery regulations.
- Install new coil. Condenser inlet connection must be at the top, per the drawing. Do not install upside down. Use care to not damage coil face while handling. Mounting may require minor field fab'd bracket or, use no bracket if coil is stable and secure.
- Solder (Brazed) copper connections using Silver solder or Phos-Copper method. Use wet rag on Al side of connections to protect the Al/Cu joint from overheating and damage to the Al/Cu joint.
- Re-charge the system using the original OEM's recommended refrigerant charge quantity, then adjust using site glass (minimal bubbles) and subcooling at 5F to 10F max.

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