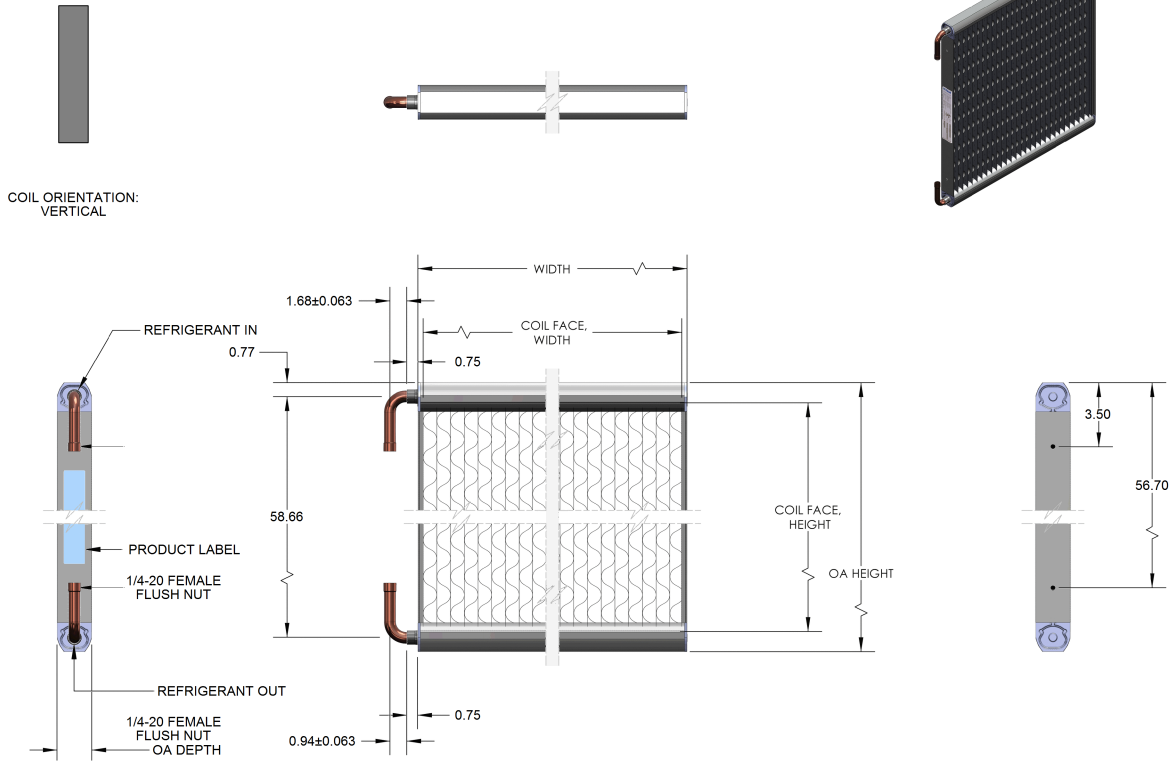


FINS AND TUBES NOT TO SCALE FOR DRAWING CLARITY



COIL ORIENTATION:
VERTICAL

MODEL NUMBER WM2-83-58-392-EC
Type Condenser
Configuration 2x110Tx58x0.83B

CUSTOMER PART NUMBER Carrier 30RAP050 & 30RAP060

OVERALL DIMENSIONS - inches
 OA Width 80.6
 OA Height 60.2
 OA Depth 1.5

COIL FACE DIMENSIONS - inches
 Coil Face, Width 79.3
 Coil Face, Height 58.0

CONNECTIONS
 Refrigerant IN 1-1/8" Copper Elbow IDS
 Refrigerant OUT 5/8" Copper Elbow IDS

INTERNAL VOLUME (cu inches)
 Overall 369.8
 Mini-Receiver 87.6

WEIGHT (lbs) 93.8

Material: Brazed Aluminum
Tubes 220
Tube 0.83B
Fin Type Louvered, 24 FPI
Coil Orientation Vertical
Built-in Mini Receiver Yes - .83-15
Mounting Hardware (I) 1/4-20 Flush Nuts
L Brackets None
Casing None
Other Epoxy E-coat

Design Working Pressure Nitrogen Charge (10-15psig)
Test Pressure 650psig (45bar)
Code Approvals 650psig (45bar)
 UL Listed

- Notes:**
- Heat Exchanger to be Helium Leak tested by Manufacturer.
 - Copper Sweat (solder) connections: Where copper connections are provided, use phos/copper, silver solder, tin solder or Refrigerant Line Epoxy for copper to copper connection. Use Heat sink, Heat Sink Compound or wet cloth to protect Aluminum to Copper joint on heat exchanger to temperature below 900F (500C) while brazing copper to copper connection.
 - Aluminum Sweat (solder) Connections: Where Aluminum Sweat (solder) connections are provided, use Al/Zn braze alloy and braze temperature below 1100F while brazing Copper to Aluminum Connection or Aluminum to Aluminum Connection.
 - Refrigerant IN/OUT connections must be piped as shown for proper heat exchanger operation.



REV 01	CREATED DATE	5/15/2017
	MODIFIED DATE	5/15/2017



<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY TO USA COIL & AIR AND SHALL NOT BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN APPROVAL BY USA COIL & AIR.</p>	UNLESS OTHERWISE SPECIFIED:	DESCRIPTION	
	DIMENSIONS ARE IN INCHES TOLERANCES: X.XX ±0.060" X.XXX ±0.004"	PRODUCT DRAWING	
	DEFLECTION AND SQUARENESS TOLERANCE	MODEL NO.	
		SCALE: NTS	WM2-83-58-392-EC
		SHEET 1 OF 1	