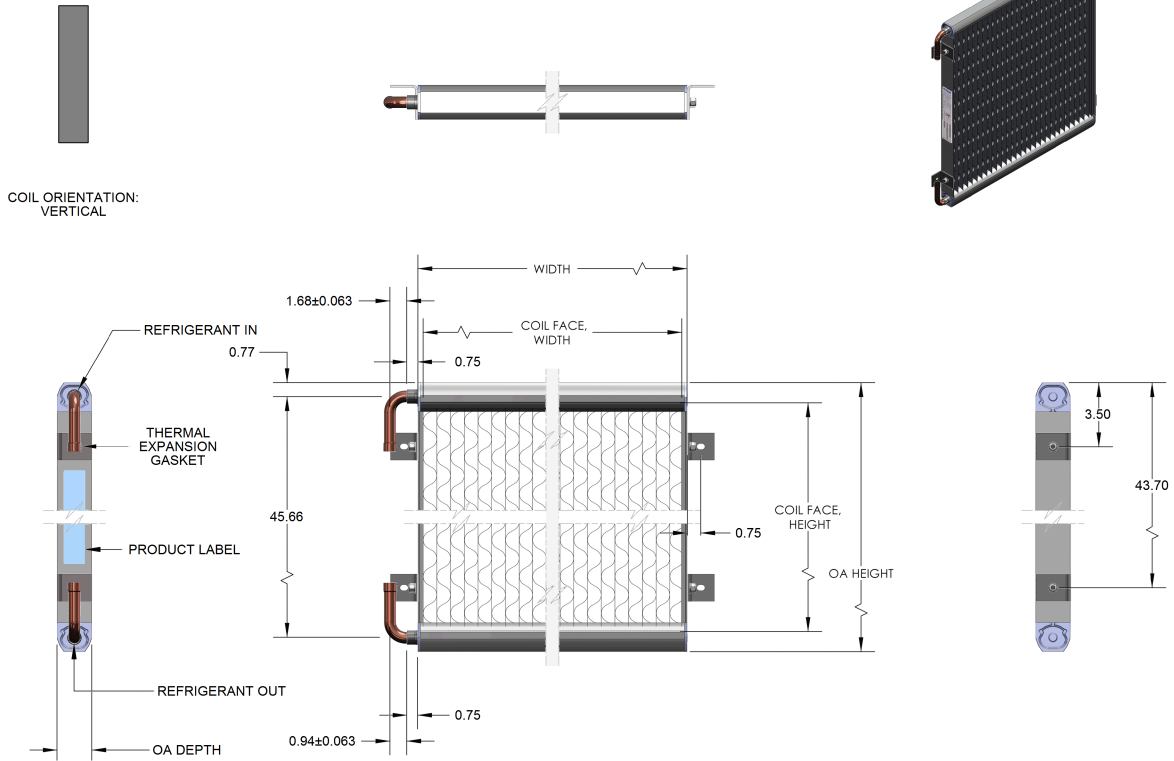


FINS AND TUBES NOT TO SCALE FOR DRAWING CLARITY



MODELNUMBER WM2-83-45-399-EC
Type Condenser
Configuration 2x112Tx45x0.83B

CUSTOMER PART NUMBER Carrier 30RAP040

OVERALL DIMENSIONS - inches
 OA Width 82.1
 OA Height 47.2
 OA Depth 1.5

COIL FACE DIMENSIONS - inches
 Coil Face, Width 80.8
 Coil Face, Height 45.0

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

INTERNAL VOLUME (cu inches)
 Overall 332.2
 Mini-Receiver 89.2

WEIGHT (lbs) 75.7

Material: Brazed Aluminum
Tubes 224
Tube 0.83B
Fin Type Louvered, 24 FPI
Coil Orientation Vertical
Built-in Mini Receiver Yes - .83-15
Mounting Hardware (4) 1/4-20 Flush Nuts & Hex Bolt
L Brackets (4) 1.5x1.5"
Casing None
Other Epoxy E-coat

Design Working Pressure 650psig (45bar)
Test Pressure 650psig (45bar)
Code Approvals 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	1/20/2017
	MODIFIED DATE	1/20/2017



<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"	<p>PRODUCT DRAWING</p>	
	DEFLECTION AND SQUARENESS TOLERANCE	MODEL NO.	<p>WM2-83-45-399-EC</p>
		SCALE: NTS	SHEET 1 OF 1

