



# Coil Replacement Form

Locate your AAON Sales Representative on [www.AAON.com/RepSearch](http://www.AAON.com/RepSearch)

Contact Information		Project Information	
Name:		Project Name:	
Phone #:		Unit Tag #:	
Additional Notes:			

1.) Determine Coil Type:

Coil Quantity \_\_\_\_\_

- |   |   |                                       |                        |                |
|---|---|---------------------------------------|------------------------|----------------|
| <input type="checkbox"/> Chilled Water      | <input type="checkbox"/> Evaporator (DX)      | <input type="checkbox"/> Heat Reclaim | Refrigerant Type _____ | Glycol % _____ |
| <input type="checkbox"/> Hot Water          | <input type="checkbox"/> Condenser            | <input type="checkbox"/> Other _____  |                        |                |
| <input type="checkbox"/> Steam Distributing | <input type="checkbox"/> Hot Gas Reheat _____ |                                       |                        |                |

2.)	Tube Diameter Actual (in)	
	Tubes High (top to bottom)	
3.)	Rows Deep (1-10)	
4.)	Fins Per Inch (FPI)	
5.)	Fin Height (in) – FH	
	Fin Length (in) – FL	

Coated Coil:

- Yes  
 No

Coil Arrangement:

- Right-handed  
 Left-handed  
*See Diagram Below*

Connection Type:

- MPT       Sweat  
 FPT       Other \_\_\_\_\_

6.) Evaporator coil

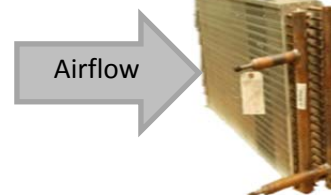
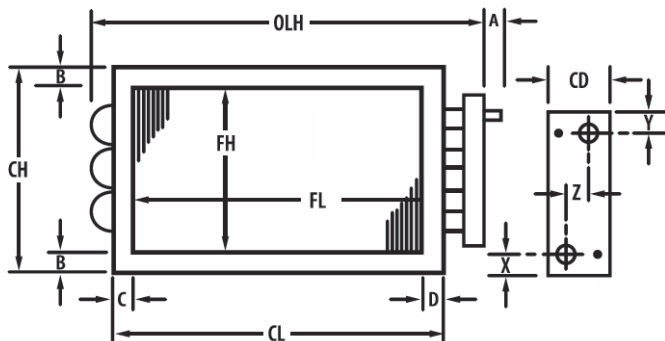
# of Manifolds	
# of Distributor feeds	

6.) Water Coil

# Tubes feeding into supply manifold	
Coil Circuiting = Tubes High / # Tubes feeding into supply manifold	

8.)	Connection Stub Length (in) – A	
9.)	Casing Height (in) – CH	
	Casing Length (in) – CL	
	Casing Depth (in) – CD	
10.)	Overall Length (in) – OLH	
11.)	Connection Dimensions	
	X (in)	
	Y (in)	
	Z (in)	

	1	2
6.)	Manifold Diameter Actual (in)	
7.)	Connection Diameter Actual (in)	






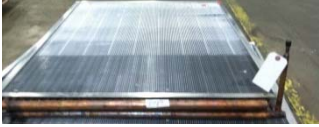
Coil Arrangement:

This coil is a right-handed coil. Facing the coil with air hitting you in the back of the head, the connections are on the right side of the coil.



# Coil Replacement Form

1.) Determine Coil Type:

Coil Type	Distinguishing Feature	Photo
Water Coil	Water coils will typically include a vent and drain plug on the top and bottom manifold.	 Vent plug
Steam Distributing Coil	Steam Distributing coils have no return bends.	
Evaporator DX Coil	DX coils have distributing tubes. They may also have step manifolds (manifolds that start with a larger size at the connection location and become smaller in diameter down the length).	
Condenser Coil	3/8" OD or 7mm OD. Similar construction to water coils, but without the vent and drain plugs.	
Hot Gas Reheat	Typically 1 or 2 rows deep and located after the DX coil in direction of air flow.	
Heat Reclaim	Can be up to 6 rows deep and often used in refrigeration (supermarket applications).	

- 2.) Tubes High – Count tubes from top to bottom
- 3.) Rows Deep – Count tubes from front to back

- 4.) Fins Per Inch – Count the number of fins in one inch, or use the Coil Buddy and match the fins per inch of the coil to the Coil Buddy fins per inch ruler.

- 6.) Feed Tubes – this coil has the same number of feed tubes as the tubes high. This will not always be the case, so count the # of tubes connected to the supply manifold. Divide the number of feed tubes by the number of tubes high to get circuiting for hydronic coils:

- 0.25 = quarter serpentine
- 0.50 = half serpentine
- 0.75 = three quarter serpentine
- 1.00 = full serpentine (for this coil)
- 1.50 = one and half serpentine
- 2.00 = double serpentine

