

FREE

State-of-the-Art Coil Selection Program

MultiTherm LLC has developed a state of the art HVAC coil selection program. The "Windows" based coil selection program calculates performance on existing coils as well as makes selections on the most efficient coils for your job. It offers the lowest pressure drop along with the lowest cost to fill your job requirements quickly and at the lowest possible cost. This program is the best in the industry and it is absolutely free. MultiTherm provides a myriad of heavy duty designs for HVAC and process heating and cooling applications.

Applications include high pressure steam, thermal liquid, high pressure and untreated water, DX cooling and PreHeat/PreCool coils. Materials include copper, cupro-nickel, brass, carbon steel, stainless steel and we have all applicable ASME standards included.

Since 1977, MultiTherm LLC has been a leading supplier of HVAC Coils. Whether its new, retrofit or replacement coils, the company can successfully and economically accommodate a customer's heating or cooling requirements however exacting they may be. Recognized as the leading coil manufacturer in the industry, MultiTherm products are backed with a long history of service and integrity.



Replacement Coil Worksheet

To sign up for a copy of our Coil Selection Program or download a copy of our Coil Worksheet visit our website at www.multitherm.com or call 1-800-339-7991

Form: RCW 08/2004

Replacement Coil Worksheet

This is a simple worksheet consisting of twelve steps on how to measure your existing coils. Provide this to MultiTherm with the proper information in order for insure the quotations are correct and accurate. Please fill out the worksheet and fax it back to MultiTherm at **610-408-8365**. We need the following information from you to adequately provide budget or exact pricing. This is so we have specific information to actually fabricate the coil(s). Below is our replacement coil worksheet that you will need to complete. The information requested can be obtained from the front views and connection arrangement views shown on the following pages:

Company Name: _____ **Project Name:** _____
Contact: _____ **Phone:** _____
Plant Location: _____ **Fax:** _____
Date: _____ **Email:** _____

Coil Item	1	2	3	4
Tag				

#1. We need the Unit Manufacturer, Unit and Coil Model Number.

Unit Manufacturer	1	2	3	4
Unit Model Number				
Coil Model Number				

#2. Coil Type (Standard Steam, Steam Distributor, Hot Water, Chilled Water, DX Cooling or Condenser) and tube diameter, connections on same or opposite ends, and the quantity.

Coil Type / Tube Dif.	1	2	3	4
Same or opposite end				
Quantity				

#3. Face View and Coil Connection View arrangements:

- Face View is either exposed or concealed headers and select coil closest to E1 thru E6 or C1 thru C6. We do not show the actual coil connection stubs for ease of selection.
- Coil Connection arrangement is by looking at connection end (both ends if opposite end). Select the view closest to your coil to be replaced.

Face View Arrangement	1	2	3	4
Connection View Arrangement				

#4. Rows, Fins per inch, Number of tubes in each row:

- Rows are rows of tubing in direction of airflow. Usually one row to eight rows but can be more.
- Fins per inch are just the number of fins within one inch.
- Number of tubes high is the number you can count in one row. An example would be a 5/8" Tube Coil with a fin height of 30" and there are 20 tubes/row.

Rows (in direction of air flow)	1	2	3	4
Fins per inch				
No. of Tubes (in each row)				

#5. Selection of finned area (FH x FL). Casing Height x Casing Length x Casing Depth (very important):

- FH (Fin Height) x FL (Fin Length) is finned area where air passes through the coil.
- Casing dimensions are always outer frame dimensions. Casing Height is always perpendicular to tubes. Casing Length in tube run direction. Casing Depth is always measured in direction of airflow.

FH (Fin Height) x FL (Fin Length)	1	2	3	4
CH (Casing Height) x CL (Casing Length)				

HEAT EXCHANGERS • HEAT TRANSFER FLUIDS • AIR HANDLING UNITS
MultiTherm

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