

# MultTherm<sup>®</sup>

***For All  
Your Coil Needs***

*Shipping  
in as little as  
3, 5 or 10 Days*

Call Us Today

**1-800-339-7991**

Or Visit Us On The Web At

***www.multitherm.com***

# Coils, Heat Exchang

↳ Coils for process heating and cooling systems. New, retrofit or replacement.

↳ Custom coils for high temperature, high pressure or corrosive atmospheres.

## Replacement Coils

MultiTherm®...America's first replacement coil company, can replace your existing coil regardless of its age, make or construction and we offer superior engineering, problem solving and expedited deliveries.

- **MultiTherm® has fabricated thousands of replacement coils;** as a result, we probably have already built your coil in the past.
- **Don't replace a problem with another problem...**our quality engineering can help solve system and application problems, thus reducing or eliminating problems in the future.
- **Expedited shipments in either 10 or 5 work days and emergency shipments in as little as 2 working days.** Our standard delivery in 4 weeks.



## Duct Heating Coils

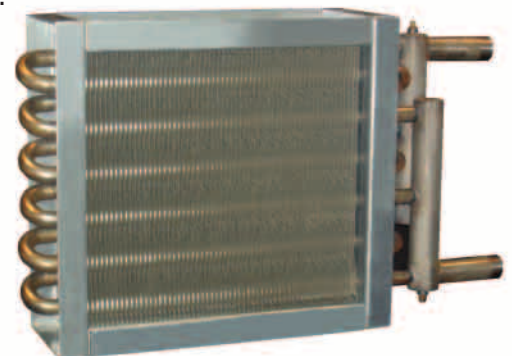
If it is installed in the duct and it heats, then MultiTherm® has the coil for you...Fast One Stop Shopping.

- **Many designs in stock** and almost any size or application type can be shipped in one week if required.
- **MultiTherm® specializes in new project add on or large reheat coil jobs.** We quote, furnish approval drawings and ship the product before our competitors have started on the job.
- **3/8", 1/2" or 5/8" tubes, flanged or slip & drive arrangements.**

## Heavy Duty Industrial & Special Design Coils

Heavy-duty HVAC and industrial process systems require dependability and can't afford downtime; MultiTherm® has all the right stuff to handle even the most complex application.

- **Available with cleanable air or water sides, removable cores and special coatings.**
- **Made in Brass, Cupro -Nickel, Carbon Steel, Stainless Steel or Aluminum.**
- **10 or 5 work day shipments are available.**



# ers & Tube Bundles

↳ Replacement coils for HVAC heating or cooling systems.

↳ Expedited fast shipments – all designs, arrangements or materials of construction.

## Heat Exchanger

If you're in need of a new or replacement shell & tube heat exchanger, steam-to-water or liquid-to-liquid, go with the heat exchanger specialists.

- **Styles: U-bend or straight tube available.**  
Straight tube in fixed or floating tube sheet.
- **Working pressures from 1 to 500 PSI.**
- **Tube diameters of 3/16", 3/8", 1/2", 5/8", 3/4" and 1 1/4" are available.**
- **Quick Shipments Available.**



## T-Bar Self Contained Ceiling Air Conditioners

Flexible air conditioning that goes where you want it... easily and inexpensively.

- **Air-cooled, water cooled and chilled water units** that fit in above tiled ceilings, no supply or return ductwork required.
- **Units come in sizes ranging from 1 to 2 tons** with many options to meet your specific needs.
- **Many units in stock, standard production in 2 weeks.**

## Tube Bundles

MultiTherm offers Tube bundles for steam-to-steam or water-to-water applications in U-Tube or straight tube configurations. MultiTherm can provide heavier construction to alleviate corrosion and increase longevity.

- **10 or 5 work day shipments available.**
- **Copper, 90:10 Copper/Nickel, 304 or 316 Stainless Steel are available.**
- **Styles include U-Bend, Floating Head, Fixed Tube Sheets.**



**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](http://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 Tag	1	2	3	4

#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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Web: [www.MultiTherm.com](http://www.MultiTherm.com) Email: [TechInfo@MultiTherm.com](mailto:TechInfo@MultiTherm.com)

# MultiTherm<sup>®</sup>

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MultiTherm LLC would like to ask how we can serve you better. If you could just take a minute and let us know what information you need, what specific products you are looking for, and how we can contact you regarding this information, it would be greatly appreciated.



**I would like to get updated information from MultiTherm on:**

- T-Bar Self Contained Air Conditioning Units**
- Coil Selection & Rating Program on CD.**
- Shell and Tube Heat Exchangers**



**I would like to have MultiTherm contact me to discuss a specific application or problem.**

**Contact Information:**

Contact: \_\_\_\_\_ Title: \_\_\_\_\_

Company: \_\_\_\_\_ Phone: \_\_\_\_\_

Address \_\_\_\_\_ Fax: \_\_\_\_\_

\_\_\_\_\_ E-Mail: \_\_\_\_\_

**Please fax back to MultiTherm at 610-408-8365.**

**MultiTherm LLC, 3223 Phoenixville Pike, Suite B, Malvern, PA 19355  
800-339-7991; Direct: 610-408-8361; Fax: 610-408-8365**