MidwestCoils

# Steam and steam distribution coil worksheet

For standard steam and steam distribution (tube-in-tube) coils. Lock out the unit first. Leave anything you cannot measure blank.

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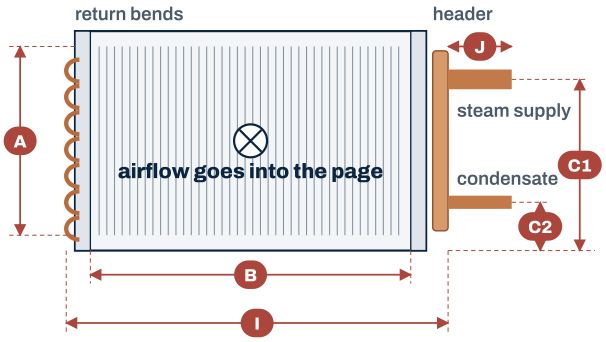
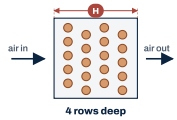
**The coil face from the entering-air side. Red letters match the form.**



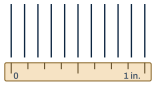

**How to get it right**

- **Fin height (A) and fin length (B)** are the fins only, inside the casing and between the tube sheets.
- **Connection heights (C1, C2)** are measured from the bottom of the casing to the center of each connection.
- The steam supply is usually the larger, higher connection; condensate leaves at the low point.
- Not sure if it is a distributing coil? Tick “Not sure” and photograph both ends of the coil.
- If the old coil froze, tell us how it is piped, trapped and controlled. A like-for-like coil may freeze again.
- Note whether a vacuum breaker and trap are fitted, and the trap type if you know it.

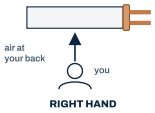
**Casing depth (H) and rows**



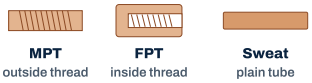

**Fins per inch**




**Hand: air at your back**




**Connection types**




## Fill in at the unit

Send a photo or scan with your quote request at midwestcoils.com/request-a-quote

### 1 Job and unit

**Your name and company** _____

**Job site city and state** Sets freight. _____

**Unit tag and where it is**
For example AHU-3, penthouse. _____

### 2 Coil size

**Coil type** ☐ Standard steam ☐ Distributing ☐ Not sure

**A Fin height** Inside the casing, fins only. _____ in.

**B Fin length**
Between tube sheets, fins only. _____ in.

**Rows deep** Usually one or two. _____

**Fins per inch** Fin spaces in one inch. _____

**Tube outside diameter** ☐ 5/8 ☐ 1 ☐ Other

**Tubes installed** ☐ Horizontal ☐ Vertical

### 3 Casing and hand

**H Casing depth**
Outside of casing, front to back. _____ in.

**Flange widths**
Top, bottom and ends, if flange-mounted. _____ in.

**I Overall length**
Bends to header, not the stubs. _____ in.

**Casing height**
Outside top to outside bottom. _____ in.

**Hand** See the hand diagram above. ☐ Left ☐ Right

### 6 Photos to send

- ☐ Unit nameplate
- ☐ Fin face, tape across it
- ☐ Return bend end
- ☐ Any tag on the coil
- ☐ Header end, all connections
- ☐ Coil in the unit, way out

**Phone and email** _____

**Unit make, model and serial**
From the unit nameplate. _____

**How many coils, and when needed** _____

### 4 Connections

**J Connection length**
Past the header, each stub. _____ in.

**Steam supply size and type** _____ in. ☐ MPT ☐ FPT ☐ Flanged

**Condensate size and type** _____ in. ☐ MPT ☐ FPT ☐ Flanged

**Connections on** ☐ Same end ☐ Opposite ends

**C1 Supply height**
Casing bottom to its center. _____ in.

**C2 Condensate height**
Casing bottom to its center. _____ in.

**Coil pitched down toward** ☐ Header end ☐ Return end ☐ Level

**Vacuum breaker and trap** ☐ Both ☐ Trap only ☐ Not sure

### 5 Operating conditions, if known

**Airflow** _____ CFM

**Lowest entering air temperature** _____ °F

**Leaving air temperature needed** _____ °F

**Steam pressure at the coil** _____ psig

**Control** ☐ Modulating valve ☐ Face and bypass ☐ On/off

### 7 Notes

_____

_____

_____