

1"

5/8"

1"

TUBE DIAMETER

WWW.MARLOCOIL.COM
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FINS PER INCH

MARLOTM

HEAT TRANSFER SOLUTIONS

6060 HWY PP • HIGH RIDGE, MO 63049

COIL REPLACEMENT GUIDE

CONNECTION DIAMETER SCH. 40

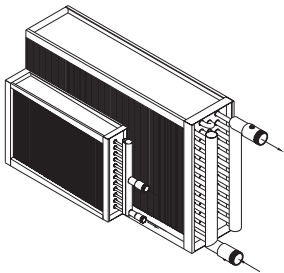
1 1/2"

2"

2 1/2"

636-677-6600

(press 2 for Sales, then 2 for Commercial/Industrial)



3/8"

1/2"



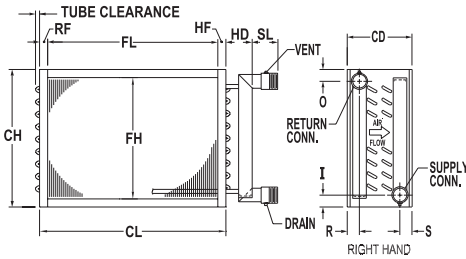
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HEAT TRANSFER SOLUTIONS

Guidelines for Obtaining Replacement Coil Data

1. Determine Coil Dimensions

- Tube Diameter
(3/8", 1/2", 5/8", 3/4", 7/8", 1")
- Fin Height (FH)
- Finned Length (FL)
- Number of Fins/Inch (FPI)
- Casing Length (CL)
- Casing Height (CH)
- Casing Depth (CD)
- Number of Tube Rows
- Number Tubes High
- Header Clearance (HD)
- Connection Length (SL)
- Connection Location
(I) (O) (R) (S)
- Flange Width (RF) (HF)
- Serpentine
- Connection Size/Type
Supply & Return



MULTI-ROW WATER COIL

2. Determine Configuration

- Horizontal or Vertical Tubes
- Right or Left Handed Connection
- Pitched Casing
- Horizontal or Vertical Air Flow
- Special Casing Design

3. Determine Coil Types and Materials

- Steam Distributing
- Steam Blast Coil
- Heating - Water, Glycol, Oil
- Cooling - Water, Glycol
- Cooling - Refrigerant
- Condensing - Refrigerant
- Tube Material
- Fin Material
- Casing Material
- Header Material
- Connection Material

4. Determine Performance if a Change is Required

- Air Volume (CFM)
- Entering Air Temperature °F
- Entering Air Wet Bulb Temperature °F or Entering Air Relative Humidity % for Cooling Only
- Leaving Air Temperature °F
- Total Heat Load, Cooling Only
- Sensible Heat Load
- Steam Pressure (PSIG)
- Water or Liquid Flow Rate (GPM)
- Water or Liquid Temperature Change
- Air Pressure Drop
- Liquid Pressure Drop

5. Determine the Reason for Coil Failure

FINS PER INCH

