



Duralite Plate Fin Steam Coil IDF

Installation Details Form (IDF)

In order to enter P.O.'s and guarantee delivery dates, a technically accurate and complete IDF is required.

ISO 9001
Certified

Complete both pages and email to info-ahtg@armstronginternational.com.

Requested By:

Name: _____ Company: _____

Phone: _____ Email: _____ Date: _____

Section 1 – Ordering Processing/Tracking Detail:

Point of Order / Sold To: _____ (eg: ABC Mechanical)

City: _____ State: _____ Rep Firm: _____

Point of Installation: _____ (eg: Heinz Ketchup)

City: _____ State: _____ Rep Firm: _____

Point of Specification: _____ (eg: DEF Consulting Engineers)

City: _____ State: _____ Rep Firm: _____

Other Influence: _____ (eg: Source of Recommendation)

Armstrong Plate Fin Steam Coils are available in Centifeed (Steam Distributing Tube Type), Standard (Opposite End Connections) and two row Return Bend construction.

Two row Centifeed, Standard and Return Bend coils are made of 5/8"OD tubes as standard. One row coils are available optionally with 1" OD tubes. Available fin pitches are 6 to 14 "aluminum and 6 to 13" copper.

Depending upon steam flow, long Centifeed coils may require steam to be fed from both ends to eliminate cold tube ends and subsequent freezing potential. Include a sketch of non-standard configurations.

Section 2 – Dimensional Data

*Casing Width (W) _____" (Max 60")
(Measured parallel to header)

*Casing Length (L) _____" (Max 132")
(Measured parallel to header)

*Casing Depth (D) _____"

*Overall Length (O) _____"

*Airflow Direction Horizontal Vertical Up Vertical Down

*Tube Orientation Horizontal Vertical

*Number of Rows in Direction of Air Steam _____
(Parallel to casing depth)

*Steam Connection Size _____"

*Condensate Connection Size _____"

*Connection Type MPT FPT Flanged

*Flange Type _____/Class _____

*Coil Hand if Return Bend Right Left
(Airflow at your back, hand is side with Return connection)

Connection Dimensions
(Not needed if Armstrong Standards are acceptable)

Steam (S) _____" Length _____"

Condensate (C) _____" Length _____"

Notes: _____

* Required information if Coil is to be a Direct Replacement + Standard. Other options additional cost

Section 3 – Performance Information

Unknown

Airflow Rate _____ Fan CFM _____ SCFM _____lb/hr

Fan Location Before Coil After Coil

Steam Pressure _____ psig (at coil inlet)

Entering/Leaving Air Temperatures _____°F/ _____°F

Site Altitude Above Sea Level _____"

Maximum Air Pressure Drop _____" wg

Section 4 – Materials of Construction

*Coil Type (see diagram on page 2) 1__ 2__ 3__ 4__

*Fin Type V-Waffle Flat Coated: No Yes (Note Type)

*Fin Material Aluminum +.008" .010" .012", Thick

*Fin Material Copper, .006" and .009" Thick

*Fin Pitch (FPI) _____ (6-14 Al, 6-13 Cu)

*Tube Material Copper

*Tube OD +5/8" 1" (1" available in 1 row only)

Tube Wall Thickness +.028" .020" .035" .049" in 5/8"OD Tube

Tube Wall Thickness +.032" .049" 1" in OD Tube

*Casing Material Galvanized Steel Stainless Steel Aluminum

Notes: _____

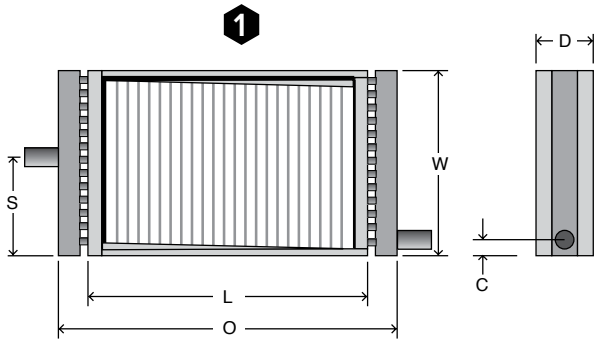
Armstrong International – Heat Transfer Group

648 Moeller St, Granby, Quebec J2G 8N1 - Canada. Phone: (450) 378-2655 • Fax: (450) 3753787

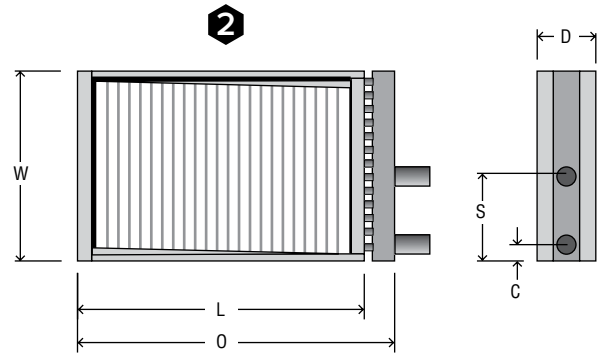
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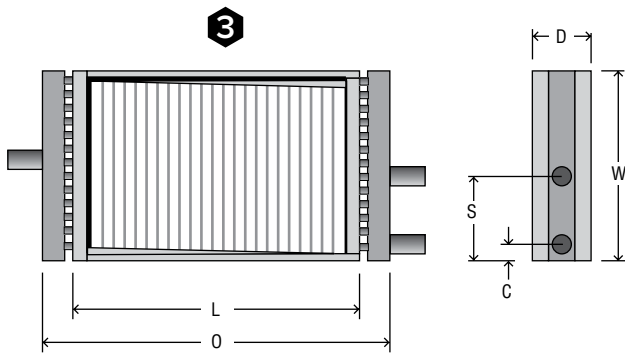
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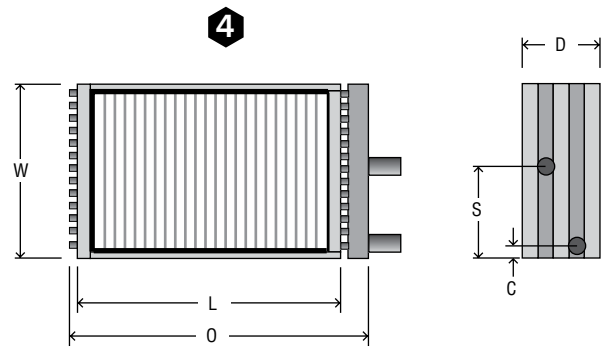
Standard Steam Coils



Certified Steam Coils



**Certified Steam Coils
Fed From Both Ends**



Return Bend Steam Coils

Section 5 – Notes
