Duralite Plate Fin Coils For Liquid Heating and Cooling

Installation Details Form (IDF)

In order to enter P.O.'s and guarantee delivery dates, a technically accurate and complete IDF is required.
Complete both pages and email to info-ahtg@armstronginternational.com.

ISO 9001 Certified

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 Heating Coils are made of 5/8"OD copper tubes and are available in return header design in one or two row configurations and return bend design in two or more rows. Cooling Coils can be built with from 2 to 12 rows and with double, full or 1/2 circuits. Custom circuits are also available. Include a sketch on reverse for unusual and 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)

*Number of Tubes Fed by Each Header _____

*Number of Tubes in Coil Face _____

*Connection Size _____''

*Connection Type __MPT __ FPT __Flanged

*Flange Type _____ /Class _____

Coil Hand__Right__Left
(Airflow at your back, hand is side with Return connection, return should be at top)

Connection Dimensions
(Not needed if Armstrong Standards are acceptable)

Inlet (S) _____'' Length_____"

Outlet (C) _____'' Length_____"

Notes: _____

_____

Section 3 – Performance Information

__Unknown

Airflow Rate _____ __Fan CFM__ SCFM__ lb/hr

Fan Location __ Before Coil __ After Coil

Entering Dry Bulb/Wet Bulb _____ °F / _____ °F

Leaving Dry Bulb/Wet Bulb _____ °F / _____ °F

Total Heat _____ MBH Liquid Type _____

Entering Liquid Temperatures _____°F / _____ °F

Leaving Liquid 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__

Fin Type __V-Waffle__Flat __Coated: __No __Yes (Note Type)

Fin Material __Aluminum__+.008" __.010" __ .012", Thick

Fin Material __Copper, .009" Thick

Fin Pitch (FPI)__6 __8__10 __12 __14 __ 13 (Max in Copper) Other _____

Tube Material __Copper, 5/8"OD

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

Casing Material __Galvanized Steel__Stainless Steel__ Aluminum

Notes: _____

_____

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

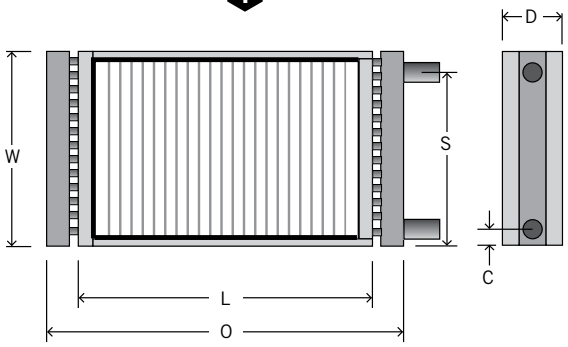
Armstrong International – Heat Transfer Group

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

armstronginternational.com

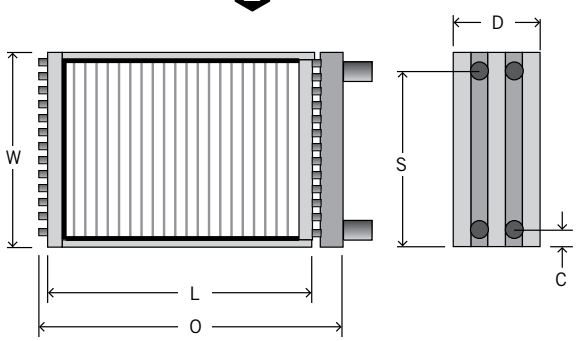
Printed in U.S.A. - 01/2022

1



Return Header Heating Coils

2



Return Bend Heating & Cooling Coils

Section 5 – Notes

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