



Heavy Duty 6000 Series Liquid Coil Installation Details Form (IDF)

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

Complete all 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 Heavy Duty 6000 Series Liquid Coils are manufactured in a wide range of sizes and materials to meet virtually any application demand. They can be dimensionally duplicated to fit your exact requirements. Standard design is All Welded Mono-Metallic Construction or all wetted parts. Design and construction in accordance with ASME sect VIII div I.

Section 2 – Performance Requirements

- A) Air Flow Quantity: _____ SCFM _____ ACFM _____ lb/hr (check one)
- B) Altitude: _____ Above Sea Level
- C) Humidity Ratio: _____ lb Moisture/lb Dry Air (Process Applications Only)
- D) Design Air Temperature: Entering Air _____ °F Leaving Air _____ °F
- E) Liquid Type: _____
- F) Liquid Temperature: Entering Liquid _____ °F Leaving Liquid _____ °F (or liquid flow rate _____ gpm)
- G) Liquid Characteristics at Average Liquid Temperature: _____
- H) Specific Gravity: _____ Specific Heat: _____
- I) Viscosity: _____ _____ cp _____ lb/ft-hr (check one)
- J) Thermal Conductivity: _____
- K) Special Requirements not Covered Above _____



Heavy Duty 6000 Series Liquid Coil Installation Details Form (IDF)

Continued

Section 3 – System and Coil Configuration (existing installation)

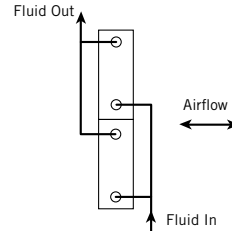
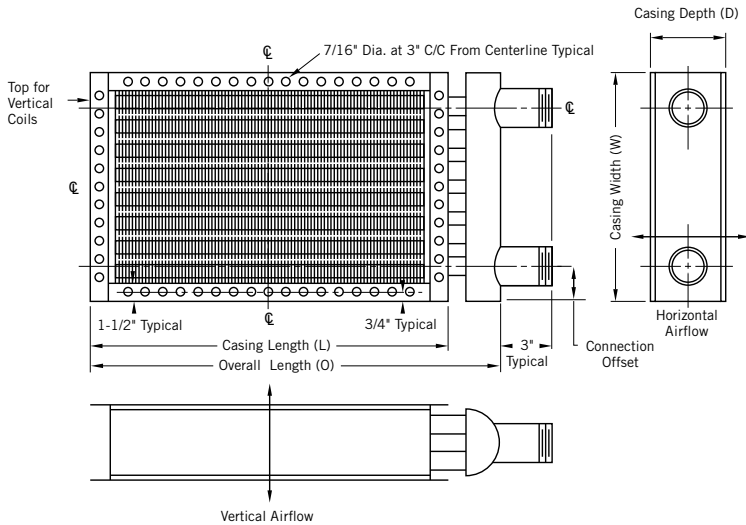
- A) Air Flow Direction: Horizontal Vertical Up Vertical Down (check one)
- B) Fan Location: Before Coil(s) After Coil(s) (check one)
- C) Coil Tube Orientation: Horizontal Vertical Optional (check one)
- D) Fluid Circuit: _____
- E) Connection Type MPT FPT Flanged Inlet: _____” Outlet: _____”
Type _____ Class _____
- F) Connection Location: Same End Optional Connection Size: _____”
- G) Tube Material: _____
- H) Fin Material: _____ Fin Thickness: _____” Fins/in _____ (count spaces)
- I) Fin Type: Plate Spiral Wound Extruded Welded
- J) Number of Rows of Tubes in Each Coil: One Two Three Other
- K) Number of Coils of Parallel: _____ Number of Coils in Deep in Airstream _____
- L) Coils to be: Duct Mounted Removable with Outer Case Core Only (check one)
- M) Special Requirements not Covered Above _____

Section 4 – Coil Requirement (replacement coil)

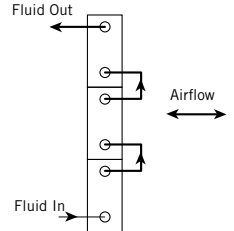
- A) Type of coil: Standard Optional
- B) Connection Location: Opposite End Same End Optional
- C) Tube Material: Steel 304L Stainless 316L Stainless
- D) Fin Material: 0.020” Aluminum Keyfin 0.030” Aluminum Keyfin
0.016” Copper Keyfin Steel/L-Fin Stainless Steel/L-Fin
- E) Special Requirements not Covered Above _____

NOTES:

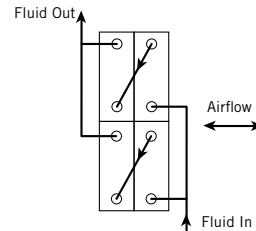
- Casing width is always measured along the header.
- Casing length is always measured along the tube length.
- Hole sizes and placement are Armstrong Standards.
- Please no variances.



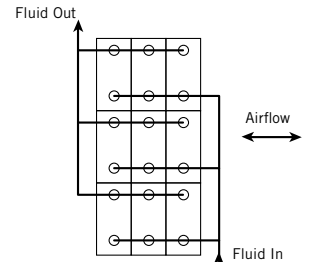
**Airflow: 2 in Parallel
Fluid Flow: 2 in Parallel**



**Airflow: 3 in Parallel
Fluid Flow: 3 in Series**



**Airflow: 2 in Parallel x 2 in Series
Fluid Flow: 2 in Parallel x 2 in Series**



**Airflow: 3 in Parallel x 3 in Series
Fluid Flow: 9 in Parallel**

Section 5 – Dimensional Data

- *Casing Width (W) _____" (Max 60")
- *Casing Length (L) _____" (Max 132")
- *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 _____
- *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

Connection Dimensions
(Not needed if Armstrong Standards are acceptable)

Inlet (I) _____" Length _____"

Outlet (U) _____" Length _____"

Notes: _____

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