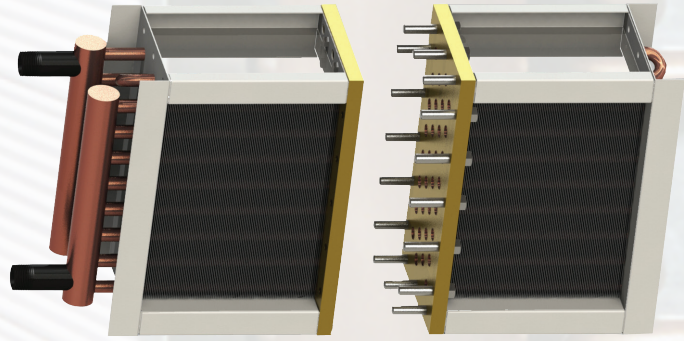


# M&A

## MAIOCCO & ASSOCIATES

HEAT TRANSFER SOLUTIONS | WWW.MCACOILS.COM



## MODU-COIL | MODULAR TWO-PIECE FLUID COIL FROM HEATCRAFT / LUVATA

Modu-Coil is a modular fluid coil that offers the ideal replacement solution for times when there is no space to maneuver the coil into its final operation location. The Modu-Coil is built in two modules – or sections. The two modular sections are each constructed with one tube plate located where the open tubes terminate. Once on the job site, the two sections and one gasket are aligned using the factory preinstalled bolts as pilot pins. The Modu-Coil sections fasten together to complete the coil assembly.

Lack of space is a very common problem when replacing large equipment or components. The modular coil concept not only makes installation in tight spaces much easier, damage is minimized because transporting the coil is less cumbersome and the sections fit easily on job site elevators as well. The greatest benefit from the modular fluid coil is that it eliminates the need to move or tear down surrounding walls to replace the coil. This results in a significant reduction of equipment downtime as well as time, labor and remodeling savings.

### WHEN SPACE IS AN ISSUE...

Maiocco & Associates recommends the Modu-Coil from Heatcraft / Luvata.

#### MODU-COIL SELECTION CRITERIA

Modu-Coil is selected with the same number of rows, fins per inch, tubes high and circuiting as a standard fluid coil. The difference is in the finned length. Because of the split, the finned length will be effectively reduced by two times the tube plate thickness (minimum 0.75 inches). This very small length reduction will not have any significant impact on the overall coil performance.

- Available with 5/8" O.D. copper tubing
- Minimum tube wall thickness: 0.035"
- Headers and return bends are the same construction as a normal fluid coil.
- Tube plates are manufactured with carbon steel.
- Circuitry is selected the same way as in a standard fluid coil with either same end or opposite end connections.
- Dimensions of the coil will follow standard Heatcraft coil design.

*Consult Maiocco & Associates for fin height and finned length limitations.*

#### MODU-COIL OPERATING PRESSURES

- Maximum operating pressure: 100 psig
- Maximum fluid temperature: 200°F.

*Consult Maiocco & Associates if installations may be outside this range.*



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Customer: _____	Date: _____
Contact: _____	From: _____
Telephone: _____	Company: _____
Cell: _____	Return Tel: _____
Fax: _____	Return Fax: _____
Job: _____	Email: _____

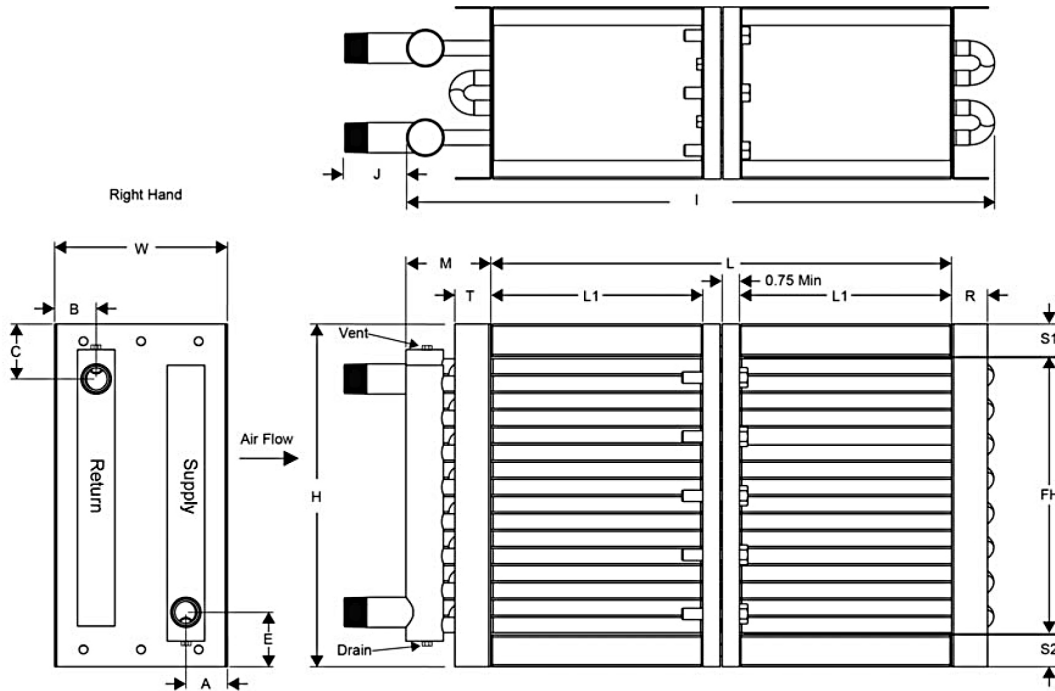
ITEM	MODEL NUMBER							HAND
	QTY	TYPE	FPI	ROWS	FIN	FH (IN)	FL (IN)	
1								
2								

MATERIALS OF CONSTRUCTION		OPTIONS			
Fins	0.0075 Aluminum	Coating	None	Turbospirals	No
Tubes*	0.625 x 0.035 Copper*	Casing Type	Flanged	Moisture Eliminator	No
Casing	Galvanized Steel	Vent & Drain	.50 FPT on End Cap	Mounting Holes	No
Conn. Material	Carbon Steel	Plate Material	Carbon Steel	Label Kit	No

\*0.035 is the minimum tube material allowed

#	SIZE	A	B	C	E	H	I	J	L	L1	M	R	S1	S2	T	W
1																
2																

Note: S1 and S2 min. = 1.50 / W Dim cannot be less than standard



1. All dimensions are in inches.
2. Manually verifying dimensions is highly recommended.
3. Intermediate tube supports fabricated from stock of the same material as the casing will be provided.
4. The supply line should be connected to the lower connection on the leaving air side for counter flow operation.
5. Minimum allowed for the tube plate is 0.75 inches.
6. Working pressure is 100 psig.
7. Maximum fluid temperature is 200°F.

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