

MARLO HEAT TRANSFER SOLUTIONS

## 55 SERIES 1.3" FIN PATTERN

### Cost Effective and Flexible Control

Leonardo DRS Marlo Coil is proud to announce the introduction of our new 55 Series, 1.3" tube pattern coil for cooling and heating fluid coils. (Actual spacing is 1.299")

#### PRODUCT BENEFITS

This project will add a new fin pattern to our current offering for 5/8" tube diameter coils. The new pattern reduces the coil fin width by 13.4% in direction of airflow while maintaining approximately 95-97% of the thermal performance of the current fin design. The reduced fin width also results in approximately a 10% reduction in casing and return bend materials and provides for a reduced footprint product for you.

#### FINANCIAL BENEFITS

Many of our competitors in commercial markets have already adopted value engineered designs forcing you to discount prices to remain competitive. This new fin pattern feature will allow you to provide your customer with a matching retrofit coil or retrofit coils without adding installation modifications at the job site such as swung headers or modified coil connections. In addition to improving your ability to increase sales, you will benefit from increased margins on products currently sold to existing customers and markets that are less competitive.



This new coil feature is now available as part of the next Marlometrics coil software upgrade. These features are now available on the Marlometrics software upgrade available at [www.marlocoil.com](http://www.marlocoil.com).

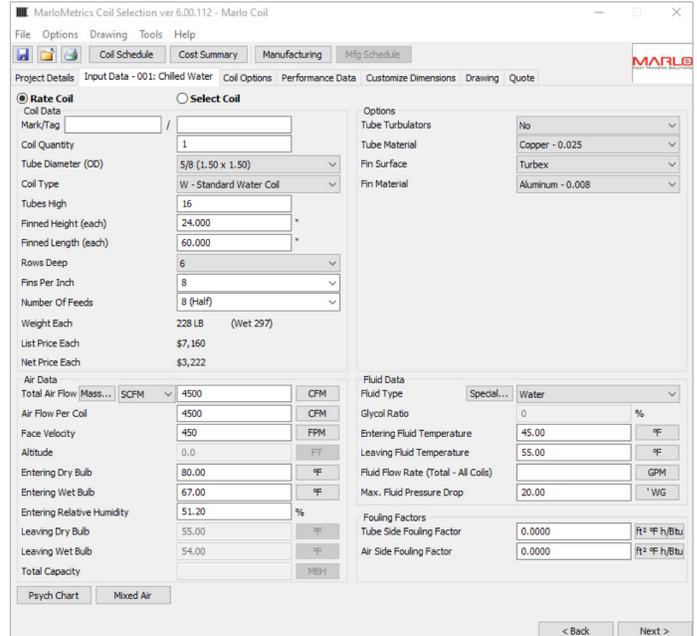
## PRODUCT AVAILABILITY & SOFTWARE SUPPORT

The option to select a price a fluid coil with 1.3" fin pattern is located on the left hand side of the screen, in the Tube Diameter (OD) selection window as 5/8 (1.50 x 1.299). The option to select 1.50" fin pattern is also available.

The model number for coils utilizing the new 1.3" fin pattern will include the series "55" in the model number. Use "56" if ordering the original 1.5" fin pattern.

Leonardo DRS has also provided reduced fin thickness for the 55 series coils as another method to provide cost competitive options. The fin thickness options include: 0.0075" and 0.0095" thick aluminum fins.

Please note: The 55 Series is only available with copper tubes and aluminum fins.



Software support screen shot

8	W	24	-	96	-	56	08	T	-	24.3	-	H	-	1	-	R	-	B
↑	↑	↑		↑		↑	↑	↑		↑		↑		↑		↑		↑
(a)	(b)	(c)	-	(d)	-	(e)	(f)	(g)	-	(h)	-	(i)	-	(j)	-	(k)	-	(l)

## DESCRIPTION

- (a) Rows in direction of airflow
- (b) Coil type\*
- (c) Number of tubes high in face of coil
- (d) Finned length
- (e) Series: 55 = 5/8" O.D. 1.3" spacing  
56 = 5/8" O.D. 1.5" spacing  
89 = 1.0" O.D. 1.5" spacing
- (f) Fin spacing in fins per inch
- (g) Fin style: T (Turbex) or F (Flat)
- (h) Face area of coil (sq ft)
- (i) Airflow direction: H (horiz) or V (vert)
- (j) Serpentine Circuit
- (k) Coil hand: R (right) or L (Left)
- (l) Joint construction: B (Brazed) or W (Welded)

### \*Coil Types:

- W.....Water
- E.....Evaporator
- C.....Condenser coil
- D.....5/8" tube distributing steam
- S.....5/8" tube blast steam

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Leonardo DRS Naval Power Systems –  
Marlo Heat Transfer Solutions  
6060 Highway PP, High Ridge, MO 63049  
Tel: +1 636 677 6600 Fax: +1 636 677 1203

[LeonardoDRS.com](http://LeonardoDRS.com)

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