

Customer: Date: 8/17/2017  
 Contact: From:  
 Telephone: Company:  
 Cell: Return Tel:  
 Fax: Return Fax:  
 Job:  
 Quote #:

**Construction**

Item: CWC3-4  
 Coils Per Bank: 1  
 Allow Opp. End: No  
 Tube OD IN: 5/8  
 Coil Duty: Cool-Standard  
 Fins Per Inch: 14  
 Rows: 4  
 Fin Surface: B  
 Fin Height (IN): 43.50  
 Finned Length (IN): 42.00  
 Tubing Mat. (IN): 0.020 Copper  
 TurboSpirals: No  
 Fin Mat. (IN): 0.0075 Aluminum  
 Conn Qty/Size (IN): 1 / 3.00  
 Circuiting: Single  
 Face Area (SQ FT): 12.69

**Air Side**

Air Flow (Sft^3/min) 7000.0  
 Altitude FT: 0.00  
 Ent. Air DB/WB °F: 95.00 / 78.00  
 Lvg. Air DB/WB °F: 0.00 / 0.00  
 Total / Sensible MBH: 300.0 / 0.00  
 Max Air PD "H2O: 0.00  
 Fin Fouling Factor ft^2-°F-hr/BTU: 0

**Fluid Side**

Fluid Type: Propylene  
 Percent Glycol: 20  
 Ent. Fluid : 45.00  
 Lvg. Fluid : 55.00  
 Fluid Flow gal/min: 0.00  
 Max FPD FT H2O: 0.00  
 Fouling Factor ft^2-°F-hr/BTU: 0

OUTPUT DATA		Most Economical			Specified Coil		
		Coil 1	Coil 2	Coil 3	Coil 4 ✓	Coil 5	Coil 6
Model Number:					5WS1404B		
FPI   Rows   Surf:					14   04   B		
Circuiting:					1		
Air Velocity:	(Sft/min)				551.7		
Total Capacity:	MBH				296.7		
Sens. Capacity:	MBH				200.5		
Lvg. Air DB:	°F				68.81		
Lvg. Air WB:	°F				67.31		
Standard APD	"H2O				0.72		
Lvg. Fluid:	°F				54.89		
Fluid Flow:	gal/min				61.93		
Fluid PD:	FT H2O				2.36		
Fluid Vel.:	ft/s				2.28		
Conn Size:	IN				(1) 3.000		
Internal Volume:	in^3				2212.6		
Weight (Dry):	lbm				211.3		
Weight (w/Fluid):	lbm				291.2		
Notes:					AGL		

**Notes:**

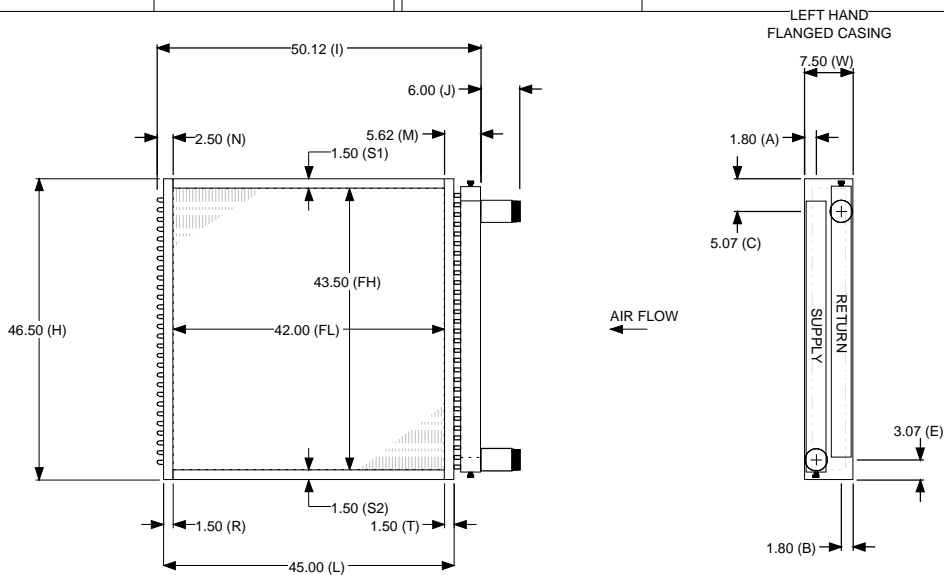
- A) Certified in accordance with the AHRI Forced-Circulation Air-Cooling and Air-Heating Coils Certification Program which is based on AHRI Standard 410 within the Range of Standard Rating Conditions listed in Table 1 of the Standard. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).
- G) Rated performance is below the capacity or temperature requested.
- L) Coil rating valid for Heatcraft coils only.

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ITEM	QTY	MODEL NUMBER						HAND
		TYPE	FPI	ROWS	FIN	FH (IN)	FL (IN)	
CWC3-4	1	5WS	14	04	B	43.50	42.00	Left

MATERIALS OF CONSTRUCTION		OPTIONS				
<b>Fins</b>	0.0075 Aluminum	<b>Coating</b>	None		<b>TurboSpirals</b>	No
<b> Tubes</b>	0.020 Copper	<b>Casing Type</b>	Flanged		<b>Moisture Eliminator</b>	No
<b>Casing</b>	Galvanized Steel	<b>Vent &amp; Drain</b>	.50 FPT on End Cap		<b>Mounting Holes</b>	No
<b>Conn. Material</b>	Carbon Steel				<b>Label Kit</b>	Yes
<b>Conn. Type</b>	MPT				<b>Drain Headers</b>	No
<b>Conn. Size</b>	3.00				<b>Tube Ferrules</b>	No
<b>Weight (LBS)</b>	211.0					



DIMENSIONAL DATA(IN)																	
A	B	C	D	E	F	H	I	J	L	M	N	R	S1	S2	T	W	
1.80	1.80	5.07	0.00	3.07	0.00	46.50	50.12	6.00	45.00	5.62	2.50	1.50	1.50	1.50	1.50	7.50	

**NOTES:**

**GENERAL NOTES:**

1. All dimensions are in (in)
2. Manually verifying dimensions is highly recommended.
3. The supply line should be connected to the lower connection on the leaving air side for counterflow operation.
4. Coils will vent and drain through factory-installed vent and drain fittings when mounted level for horizontal flow.
5. Connection location other than standard could affect vent and drain locations. Consult factory.