

Customer: Date: 8/21/2017
 Contact: From:
 Telephone: Company:
 Cell: Return Tel:
 Fax: Return Fax:
 Job:
 Quote #:

Construction

Item: CWC1-3
 Coils Per Bank: 1
 Allow Opp. End: No
 Tube OD IN: 5/8
 Coil Duty: Cool-Standard
 Fins Per Inch: 12
 Rows: 4
 Fin Surface: B
 Fin Height (IN): 31.50
 Finned Length (IN): 27.00
 Tubing Mat. (IN): 0.020 Copper
 TurboSpirals: No
 Fin Mat. (IN): 0.0075 Aluminum
 Conn Qty/Size (IN): 1 / 2.50
 Circuiting: Single
 Face Area (SQ FT): 5.91

Air Side

Air Flow (Sft^3/min) 2350.0
 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: 120.0 / 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:					5WS1204B		
FPI Rows Surf:					12 04 B		
Circuiting:					1		
Air Velocity:	(Sft/min)				397.9		
Total Capacity:	MBH				87.82		
Sens. Capacity:	MBH				63.30		
Lvg. Air DB:	°F				70.37		
Lvg. Air WB:	°F				68.68		
Standard APD	"H2O				0.36		
Lvg. Fluid:	°F				52.32		
Fluid Flow:	gal/min				24.77		
Fluid PD:	FT H2O				0.70		
Fluid Vel.:	ft/s				1.26		
Conn Size:	IN				(1) 2.500		
Internal Volume:	in^3				1126.6		
Weight (Dry):	lbm				107.9		
Weight (w/Fluid):	lbm				148.1		
Notes:					AGL		

Notes:

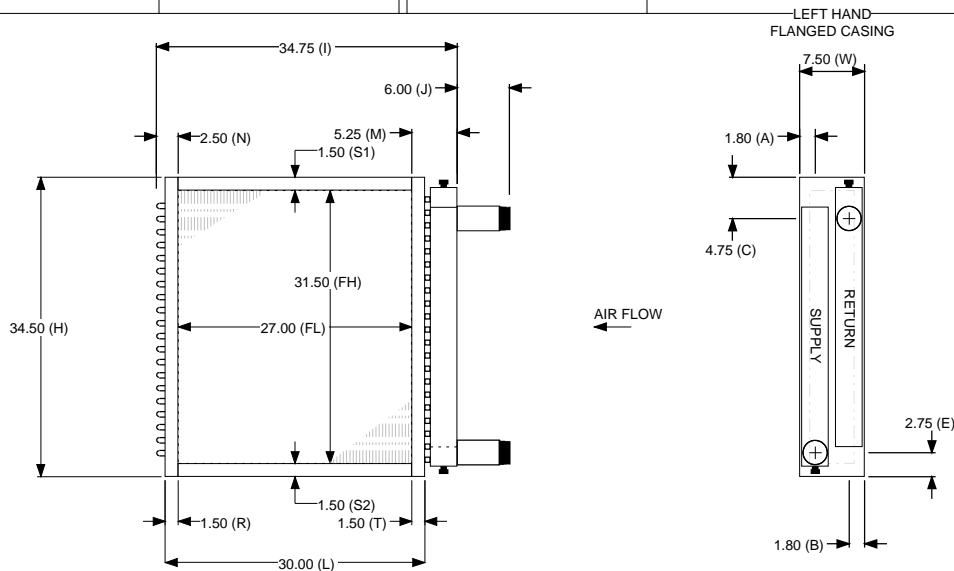
- A) Certified in accordance with the AHRI Forced-Circulation Air-Cooling and Air-Heating Coils Certification Program which is based on AHRI Standard 410 within the Range of Standard Rating Conditions listed in Table 1 of the Standard. Certified units may be found in the AHRI Directory at www.ahridirectory.org.
- 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)	
CWC1-3	1	5WS	12	04	B	31.50	27.00	Left

MATERIALS OF CONSTRUCTION		OPTIONS				
Fins	0.0075 Aluminum	Coating	None		TurboSpirals	No
Tubes	0.020 Copper	Casing Type	Flanged		Moisture Eliminator	No
Casing	Galvanized Steel	Vent & Drain	.50 FPT on End Cap		Mounting Holes	No
Conn. Material	Carbon Steel				Label Kit	Yes
Conn. Type	MPT				Drain Headers	No
Conn. Size	2.50				Tube Ferrules	No
Weight (LBS)	108.0					



DIMENSIONAL DATA(IN)																	
A	B	C	D	E	F	H	I	J	L	M	N	R	S1	S2	T	W	
1.80	1.80	4.75	0.00	2.75	0.00	34.50	34.75	6.00	30.00	5.25	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.