

Coil Rating 4.0.3



Job Name:	default
Tag:	-

Date:	6/30/2015
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Chilled Water		SWC - 8 - 30 x 60 x 6 - 8 AL	
Construction			
Quantity	1	Tube Detail - Primary Surface	
Serpentine	0.750	Material	Copper
Fin Height	30.00	O.D.	5/8"
Fin Length	60.00	Wall Thickness	0.020"
Rows / FPI	6 / 8	Spacing	1.5" x 1.299"
Total Face Area	12.5 sq.ft	Internal	Smooth
Hand (Air in Back)	RH Same End	Fin Detail - Secondary Surface	
Supply Connection		Material	Aluminum
Type	MPT / Red Brass	Thickness	0.008"
Qty / Size	1 / 2.00"	Configuration	Corrugated, Waffle with Straight Edge
Return Connection		Casing	16 ga. Galv.
Type	MPT / Red Brass		
Qty / Size	1 / 2.00 "		

Operating Conditions			
Entering		Leaving	
ACFM - Total	6,000	Total Heat	271,084 Btu/Hr
SCFM - Total	5,785	Sensible Heat	178,613 Btu/Hr
Elevation	0 ft	Actual Face Vel.	480 fpm
EDB	80.0 °F	LDB	52.0 °F
EWB	67.0 °F	LWB	51.3 °F
Fluid Type	Water	APD	0.61 in.WG
EFT	40.0 °F	LFT	53.5 °F
GPM - Total	40.0	Fluid Vel.	3.0 fps
FFI	0.0000	FPD	6.0 ft

Notes:

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.com.

Coil Rating 4.0.3



Job Name:	default
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Date:	6/30/2015
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Chilled Glycol		5WC - 8 - 30 x 60 x 6 - 8 AL	
Construction			
Quantity	1	Tube Detail - Primary Surface	
Serpentine	0.750	Material	Copper
Fin Height	30.00	O.D.	5/8"
Fin Length	60.00	Wall Thickness	0.020"
Rows / FPI	6 / 8	Spacing	1.5" x 1.299"
Total Face Area	12.5 sq.ft	Internal	Smooth
Hand (Air in Back)	RH Same End		
Supply Connection		Fin Detail - Secondary Surface	
Type	MPT / Red Brass	Material	Aluminum
Qty / Size	1 / 2.00"	Thickness	0.008"
Return Connection		Configuration	Corrugated, Waffle with Straight Edge
Type	MPT / Red Brass		
Qty / Size	1 / 2.00 "	Casing	16 ga. Galv.

Operating Conditions			
Entering		Leaving	
ACFM - Total	6,000	Total Heat	178,879 Btu/Hr
SCFM - Total	5,785	Sensible Heat	140,528 Btu/Hr
Elevation	0 ft	Actual Face Vel.	480 fpm
EDB	80.0 °F	LDB	57.9 °F
EWB	67.0 °F	LWB	57.2 °F
Fluid Type / %	Propylene / 30 %	APD	0.56 in.WG
EFT	40.0 °F	LFT	49.5 °F
GPM - Total	40.0	Fluid Vel.	3.0 fps
		FPD	7.6 ft

Notes:

(Glycol) falls outside the range of Standard Rating Conditions specified in Table 1 of 'AHRI Standard 410'.

Coil is NOT certified by AHRI