



FINS: 0.008 AL CORR @ 6 PER INCH
 TUBING: 5/8 OD X .02 CU DN 1.5 X 1.299 CTRS
 CASING: GALV 16 GA.
 HEADER: 1+2 - 2.125" O.D. TYPE 'L' COPPER
 HEADER: 1/2" FPT VENT + 1/2" FPT DRAIN
 CONNS: STEEL THREADED FITTING 2" MPT
 ROWS DEEP: 6 TUBES HIGH: 20
 CIRCUITS: 20

VERSION: _____

I APPROVE THIS DRAWING FOR MANUFACTURE
 Signed: _____ Date: _____

DIRECT COIL INC.

5055 TAYLOR KIDD BLVD., MILLHAVEN, DNT., K0H 1G0

PROJECT NAME

DATE 09/21/2012	ENGINEER	DESIGNER VG	APP'D BY
CUSTOMER		DWG. NO. DC6-16032	

HOT WATER COIL REPORT



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Date: January 15, 2020
Reference:
Prepared By:
Project Name: Performance & Std price for Overstock coils

Coil Tag: DC6-16032
Coil Model Number: 5W-06-30.0-06-96.0-20
Item: 001, Coil Hand: Right

Physical Data

Number Of Coils	One (1)	Tube Diameter	5/8 1.50 x 1.299
Fin Height (Per Coil)	30.000"	Tube Turbulators	No
Fin Length (Per Coil)	96.000"	Tube Material	Copper - 0.020 Plain
Number Of Rows Deep	Six (6)	Fin Material	Aluminum 0.010
Circuit Ratio	1.0	Fin Style	Corrugated
Fins Per Inch	Six (6)	Connection Type	MPT Steel
Supply Connection Size	2"	Coil Weight (Per Coil)[operating]	387 [514] LBS
Return Connection Size	2"	Coil Internal Volume (Per Coil)	15.770 gal
Header Material	Copper (L)	Casing Style	Standard
		Casing Material	Galvanized Steel 16 gauge

Air Data

Total Airflow (All Coils)	9,000 SCFM
Airflow (Per Coil)	9,000 SCFM
Face Velocity	450 FPM
Altitude	0.00 FT
Entering Dry Bulb	55.00 °F
Leaving Dry Bulb	150.24 °F
Air Pressure Drop	0.51" WG
Fouling Factor	0.0000 ft ² °F h/Btu

Fluid Data

Fluid Type	Water
Glycol Ratio	0 %
Entering Fluid Temp	180.00 °F
Leaving Fluid Temp	160.00 °F
Fluid Flow Per Coil (Total)	96.01 GPM (96.01)
Tube Velocity	5.36 FPS
Fluid Pressure Drop	18.12' WG
Fouling Factor	0.0000 ft ² °F h/Btu

Capacity

Capacity Per Coil (Total) 935.32 MBH (935.32)

Notes:

1. 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



Software version: 0.99.8166