

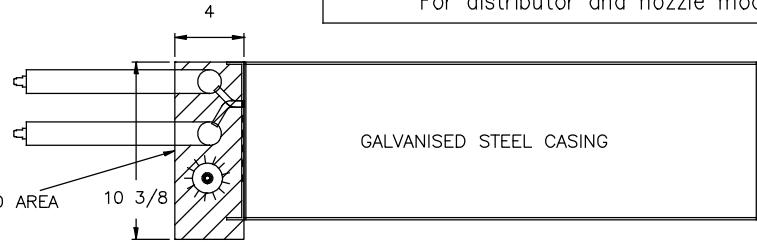
COIL DETAILS

MODEL NUMBER: 3DX-06-35.0-12-30.0-26 HANDING: RH
 FINS: 0.006 AL CORRUGATED @ .12 PER INCH
 TUBING: 3/8 OD X .012 RIFLED 1. X 0.866 CTRS
 CASING: GALV 16 GA.
 HEADER: QTY 2 x 1.375" O.D. TYPE 'L' COPPER
 DISTRIB: QTY 2 x 1135-13-1/4-G10 (26" LEADS)
 CONNS: 1.375" / 0.5" O.D TYPE 'L' COPPER
 ROWS DEEP: 6 TUBES HIGH: 35
 CIRCUITS: (13+13INT)
 VERSION: CoiLeary_MOL v 1.0.246

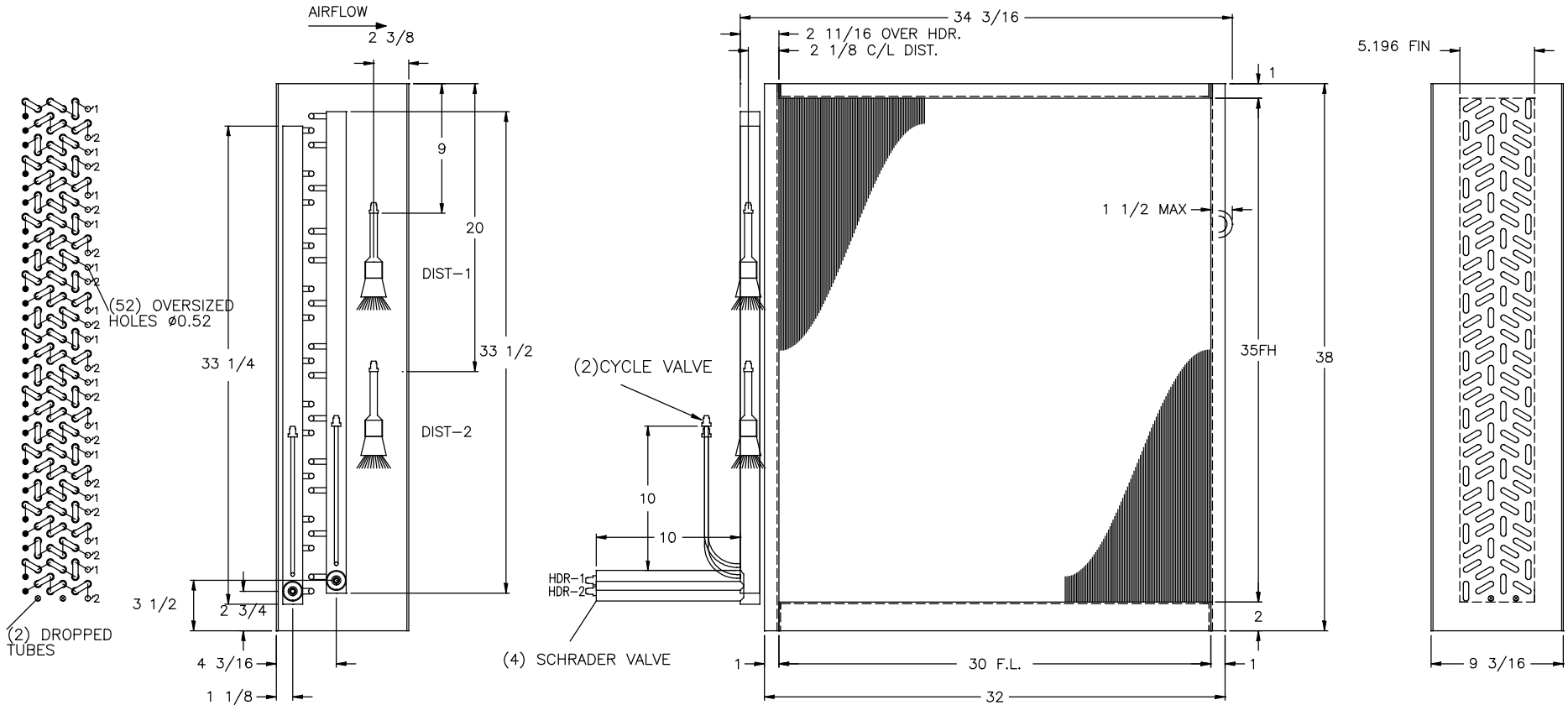
NOTES

CAP ALL OPENINGS AND CHARGE COIL WITH 5-10 PSI NITROGEN
 SCHRADER ON INLET AND OUTLET CONNECTIONS

NOTES: Suct. conn. 1-3/8 26 circuits of 8 tubes 2 tubes capped
 3 in. distance between suct. connections center to center
 For distributor and nozzle model see selection attached



DISTRIBUTER LEADS MUST BE ROUTED WITHIN THE SHADED AREA



CSA FILE NO.: 242755 UL FILE NO.: SA 32693	MODEL NO.: DC1 COIL TYPE: EVAPORATOR	DIRECT COIL INC. 5055 TAYLOR KIDD BLVD., MILLHAVEN, ONT., K0H 1G0	
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PROJECT NAME-ITEM			
ITEM TAG			
DATE 12/19/2016	ENGINEER	DESIGNER KH	APP'D BY
CUSTOMER		DWG. NO. DC1-16042	

DX COIL REPORT

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 Website: directcoil.com

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Tel:
Fax or Email:

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

Coil Tag: DC1-16042
Coil Model Number: 3DX-06-35.0-12-30.0-26
Item: 008, Coil Hand: Right

Physical Data

Number Of Coils	One (1)	Tube Material	Copper
Fin Height (Per Coil)	35.000"	Tube Diameter	3/8 1.00 x 0.866
Fin Length (Per Coil)	30.000"	Tube Material	Copper - 0.012 Rifled
Number Of Rows Deep	Six (6)	Fin Material	Aluminum 0.006
Number Of Feeds	26	Fin Style	Corrugated
Fins Per Inch	Twelve (12)	Coil Weight (Per Coil)[operating]	119 [128] LBS
Supply Connection Size	1 1/8"	Coil Internal Volume (Per Coil)	0.410 ft ³
Return Connection Size	1 3/8"	Coil Style	Single-Circuit
Connection Type	Sweat Copper	Dist-1 (feeds)	26
Header Material	Copper (L)	Casing Style	Standard
		Casing Material	Galvanized Steel 16 gauge

Air Data

Total Airflow (All Coils)	3,500 SCFM
Airflow (Per Coil)	3,500 SCFM
Face Velocity	480 FPM
Altitude	0.00 FT
Entering Dry Bulb	80.00 °F
Entering Wet Bulb	67.03 °F
Leaving Dry Bulb	50.08 °F
Leaving Wet Bulb	49.60 °F
Air Pressure Drop	0.55" WG
Condensate Rate (Per Coil)	59.71 lb/h
Fouling Factor	0.0000 ft ² °F h/Btu

Refrigerant Data

Refrigerant	R410a
Suction Temperature	45.00 °F
Liquid Temperature	110.00 °F
Superheat	10.00 °F
Refrigerant Pressure Drop	1.59 PSI
Refrigerant Velocity	2143 FPM
Refrigerant Mass Flow (All Coils)	2666 lb/h
Refrigerant Charge (Per Coil)	8.76 LBS
Refrigerant Charge (All Coils)	8.76 LBS

Capacity

Total Capacity Per Coil (Total)	180.76 MBH (180.76)
Sensible Capacity Per Coil (Total)	113.50 MBH (113.50)
Latent Capacity Per Coil (Total)	67.25 MBH (67.25)

Notes:

1. Coil is NOT certified by AHRI.
Software version: 0.99.8166