

Bld 78 AHU-1 - HTG COIL

COIL TYPE: Steam Coil - Certified		CONNECTION POSITION: Same End	
HAND OF COIL: N/A		HEADER ENCLOSURE: No	

Technical drawing of a steam coil with dimensions labeled: FW, F3, F4, CL, G1, E, D, C1, C2, C3, F1, F2, FL, CW. An arrow indicates AIR FLOW direction.

Design: 150 psig / 368°F

FW = 30.00	FL = 77.87	CL = 80.87	C1 = 1.500	D = 5.0000
+ F3 = 2.25	+ F1 = 1.50	+ G1 = 5.125	C2 = 2.500	E = 3.00
+ F4 = 2.25	+ F2 = 1.50	+ G2 = N/A	C3 = 19.500	
CW = 34.5000	CL = 80.8700	LOA = 85.995	C4 = 0.000	

Drawing is for reference only.				PHYSICAL SPECIFICATIONS (all dimensions are in inches)	
FINS:	Aluminum V-Waffle 0.01"		CIRCUITING:		
	8	FPI			
TUBE	1 ROW		Galvanized		14 Ga.
	MAT.: Cu		PITCHED:		Yes
	O.D.: 1"		FLANGES:		Standard
	WALL: 0.049"		DRILLING:		None
	FACE: 12		AIR TIGHT:		No

SPECIAL		COATING: None		CRN: N/A	
TYPE: FPT		IN.: 3.000"		OUT.: 1.250"	
CONNECTIONS: Steel		HEADERS:		4.125" O.D.	

SHIPMENT: 4	WEEKS FROM RECEIPT OF ORDER AND DRAWING APPROVAL
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Terms of Shipment:

Terms of Payment:

Dry Weight: 241 Lbs per coil

Shipping weight: 321 Lbs for - 1 Coil - crating included

PERFORMANCE DATA (per coil) for STEAM Coils			
Steam Side		Air Side	
Steam Pressure:	5.00 psig	SCFM:	7,300 at: 70 °F
Steam consumer	551.72 lb/hr	Face velocity:	450 Sfp/m
		APD:	0.0677 Inches (wg)
		EAT:	-5.0 °F
		LAT:	61.9 °F
Air Flow Direction:	Horizontal	Coil Face Area:	16.2 sq.ft
Tube Direction:	Horizontal	BTUh: Sensible	530,206
Fan Location:	After	BTUh: TOTAL	
Rating:	*** Certified in accordance with the ARI Forced-Circulation Air-Cooling and Air-Heating Coils Certification Program, which is based on ARI Standard- 410 ***	Elevation	0 Feet
NOTES:			
1) Drawing approval in case of an order.			
2) Performance Quote			
3) COIL HAS BEEN SELECTED TO MATCH THE MAX. OVERALL LENGTH			
4) OF THE TRANE COIL TO BE REPLACED (EXCLUDING THE CONNS)			
5) EAT PER WEATHER DATA FOR THE ROCHESTER, NY AREA			
6) SCFM ASSUMED PER RECOMMENDED 500 SFP/M MAX. FOR CLG COILS			
7) TRANE STANDARD CASING DEPTH FOR 'NS' TYPE COILS = 5.25 IN.			
8)			
9)			
COIL QTY: 1		COIL MODEL NUMBER	
		CH-AB66-208-34-6x38-87x5	