

PERFORMANCE DATA (per coil) for COOLING			
Liquid Side		Air Side	
Liquid type:	Water	100.00%	SCFM: 6,000 at: 70 °F
Entering Fluid Temp:	43.0 °F	Face velocity:	500 Sfp/m
Leaving Fluid Temp	55.0 °F	APD:	0.5631 Inches (wg)
Flow:	101.88 usgpm	EDB / EWB:	91.0 / 75.0 °F
Fluid Velocity	5.42 ft/sec	LDB / LWB:	59.9 / 58.3 °F
Fluid PD:	13.642 Feet (wg)	Coil Face Area:	12.0 sq.ft
Air Flow Direction:	Horizontal	BTUh: Sensible	202,267
		BTUh: TOTAL	357,118
		Elevation	0 Feet

Rating: *** Rated In Accordance With ARI Standard -- 410 ***

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 WAS ASSUMED PER RECOMMENDED 500 SFP/M MAX. FOR CLG COILS
- 7) FLAT FINS QUOTED AS REQUESTED --- 'WR' FINS
- 8)

COIL MODEL NUMBER

COIL QTY: 1

416-AE10-A05-36367-8125X12.5-F-R

COIL TYPE: Liquid Cooling Coil		CONNECTION POSITION: Same End	
HAND OF COIL: Right Hand		HEADER ENCLOSURE: No	

PHYSICAL SPECIFICATIONS

Drawing is for reference only. (all dimensions are in inches)

FW = 31.50	FL = 55.13	CL = 58.13	C1 = 15.500	D = 12.5000
+ F3 = 1.50	+ F1 = 1.50	+ G1 = 4.125	C2 = 1.875	E = 3.00
+ F4 = 1.50	+ F2 = 1.50	+ G2 = N/A	C3 = 16.000	
CW = 34.5000	CL = 58.1250	LOA = 62.250	C4 = 8.750	

FINS:		CIRCUITING: 1.00		COATING: None		CRN: N/A	
TUBE		6 ROW		Galvanized		16 Ga.	
MAT.: Cu		PITCHED:		No		IN: 2.500" & OUT: 2.500"	
O.D.: 5/8"		FLANGES:		Standard		CONNECTIONS: Brass	
WALL: 0.020"		DRILLING:		None		HEADERS: 3.125" O.D.	
FACE: 21		AIR TIGHT:		No			
SPECIAL							

Shipment :	4	WEEKS FROM RECEIPT OF ORDER AND DRAWING APPROVAL SUBJECT TO MATERIAL AVAILABILITY.	
Dry Weight:	263 Lbs per coil		
Shipping weight:	331 Lbs for : 1 Coils, crating included		

TERMS OF SHIPMENT:
 Terms of Payment: