

 PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING CO. PROJ. NO. : 1205	 DENA METHANOL PLANT COVER SHEET	OWNER : SABALAN PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/S-G/102				
DATA SHEET For AIR CONDENSER FOR LABORATORY AND YARD OFFICE						
DOCUMENT NO. : 1205-00-HV-DSH-041 TOTAL PAGES : 1 (Excluding Cover & Revision Index Sheets and attachments) Note: For relevant records of the document, reference can be made to Sabalan Methanol Project documentation.						
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Eng. Phase	Purpose Of Distribution (POD)	Purpose Of Issue (POI)	Owner's Action			
00	28.12.2021	ISSUED FOR ENGINEERING	M.Mashayekh	M.Momenaie	A.Moadeli	N.Jafarpour
Rev.	Date	Description	Prepared by	Checked by	Approved by	Project



Data Sheet for Air Condenser for Laboratory And Yard Office

Doc. No.: 1205-00-HV-DSH-041

Rev. : 00

OWNER :

SABALAN PETROCHEMICAL INDUSTRIES CO.

PROJ. NO. : 89/S-G/102

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	Data Sheet for Air Condenser for Laboratory And Yard Office		
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NO.	GENERAL								
1	Tag No.			AC-0040					
2	Quantity (Working + Standby)			1					
3	Service Building			Laboratory And Yard Office					
4	Service Equipment			PAHU-0040					
5	Make / Origin			* / *					
6	Model No.			*					
7	Overall Size	l x w x h	m x m x m	*					
8	Operating Weight		Kg	*					
9	SITE CONDITION								
10	Location / Latitude			Assaluyeh / 28.5° N					
11	Altitude		m	34					
12	Ambient Air Temperature	Max.	°F	118.4					
13		Min.	°F	41					
14	Summer WB Temp.		°F	91.4					
15	APPARATUS DATA								
16	Total Heat Rejection		Kw	*					
17	Condensing Temperature		°F	130					
18	Saturated Suction Temperature		°F	*					
19	Refrigerant			R134a					
20	Material			Galvanized Steel Sheet					
21	COIL DATA								
22	Qty.			*					
23	Rows Deep			*					
24	Material Coil / Fin			Copper / Al.					
25	Fins Per Inch			*					
26	Fins / Tubes Coating Material			* Blygold or Heresite					
27	Face Area	ft²		*					
28	FAN DATA								
29	Qty.			*					
30	Make / Origin			* / *					
31	Model No.			*					
32	Fan Type			*					
33	Fan Blade Material			*					
34	Air Flow Rate	cfm		*					
35	Fan Diameter / Speed		in / rpm	* / *					
36	Fan Guard / Material			Required / Glvd. Steel *					
37	FAN MOTOR DATA								
38	Qty.			*					
39	Make / Origin			* / *					
40	Model No.			*					
41	Input Power (each)	Kw		*					
42	Speed	rpm		*					
43	Insulation Class / Temperature Rise			* / *					
44	Power Supply	V / Ph / Hz		400 / 3 / 50					
45	Degree of Protection			IP 55					
46	System Full Load Current			*					
47	System Power Factor			*					
48	Hazardous Classification			Unclassified					
49	Motor Efficiency	%		*					
50	Terminal Box Degree Of Protection			IPW 55					
51	ACOUSTIC DATA								
52	Hz	63	125	250	500	1000	2000	4000	8000
53	Db	*	*	*	*	*	*	*	*

REMARKS:

- 1
- * To be filled by vendor.
- 2
- N.A. Not Applicable.
- 3
- IPW 55 protection for junction boxes, motor terminal boxes, control stations, panel boards, and auxiliary equipment should be considered.

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