

 <p>شرکت توسعه صنایع لوان Lavan Industry Development Company</p>	<p><b>LIDCO, Pars SEE Zone, Assaluyeh, Integrated Methanol and Ammonia Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT</b></p>																				
	<p><b>Inter / After Cooler Data Sheet</b></p>																				
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**Airpack B.V. - Air Compressor –  
Integrated Methanol and Ammonia Plant  
17735-COM Inter / After Cooler Data Sheet (K020)**

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Inter / After Cooler Data Sheet




Document No. 17735-11B

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VENDOR				<b>Inter- after cooler data sheet</b>		P.O. No.		LIDCO-PO-NEC-278-6019	
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						Rev.No		Rev.03	
CONTRACTOR / END USER			LIDCO, Pars SEE Zone, Assaluyeh, Integrated Methanol and Ammonia Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT						
 						Service		Instrument air booster compressor	
<b>INTER COOLER</b>									
<b>SHELL SIDE (HUMID AIR)</b>			<b>TUBE SIDE (WATER)</b>				<b>GENERAL</b>		
3	SHELL OPERATING PRESS.	bar(g)	23,3	TUBE OPERATING PRESS.	bar(g)	4,5	MANUFACTURER	IWS Monje	
4	LINE DESIGN PRESS.	bar(g)	30,5	LINE DESIGN PRESS.	bar(g)	7	INLET SIZE	3/4" 600# WNRF	
5	SHELL DESIGN PRESS.	bar(g)	-1 TO 39	TUBE DESIGN PRESS.	bar(g)	-1 TO 10	OUTLET SIZE	3/4" 600# WNRF	
6	SHELL OPERATING TEMP.	°C	157	TUBE OPERATING TEMP.	°C	46	WATER INLET	G 3/4"	
7	LINE DESIGN TEMP.	°C	175	LINE DESIGN TEMP.	°C	75	WATER OUTLET	G 3/4"	
8	SHELL DESIGN TEMP.	°C	-10 TO 175	TUBE DESIGN TEMP.	°C	-10 TO 100	CORROSION ALL.	0 mm	
9	SHELL DIFF PRESSURE	mbar	1.249	TUBE DIFF PRESSURE	mbar	1,08	DIM. LxWxH	482,4x300x115	
10	DISCHARGE TEMP.	°C	60	DISCHARGE TEMP.	°C	46	WEIGHT	15 kg	
11	AIR FLOW	Nm3/hr	35	WATER FLOW	m3/hr	0,3	OPERATING WEIGHT	15,8 kg	
12	SHELL MATERIAL	TP316 - SA-312		TUBE MATERIAL	TP316L - SA-312		DESIGN CODE	TEMA C, ASME VIII Div. 1	
13	TEST PRESSURE	bar(g)	64,35	TEST PRESSURE	bar(g)	15			
14	VOLUME	L	1,7	VOLUME	L	0,8			
<b>AFTER COOLER</b>									
<b>SHELL SIDE (HUMID AIR)</b>			<b>TUBE SIDE (WATER)</b>				<b>GENERAL</b>		
17	SHELL OPERATING PRESS.	bar(g)	30	TUBE OPERATING PRESS.	bar(g)	4,5	MANUFACTURER	IWS Monje	
18	LINE DESIGN PRESS.	bar(g)	39	LINE DESIGN PRESS.	bar(g)	7	INLET SIZE	3/4" 600# WNRF	
19	SHELL DESIGN PRESS.	bar(g)	-1 TO 39	TUBE DESIGN PRESS.	bar(g)	-1 TO 10	OUTLET SIZE	3/4" 600# WNRF	
20	SHELL OPERATING TEMP.	°C	116	TUBE OPERATING TEMP.	°C	46	WATER INLET	G 3/4"	
21	LINE DESIGN TEMP.	°C	135	LINE DESIGN TEMP.	°C	75	WATER OUTLET	G 3/4"	
22	SHELL DESIGN TEMP.	°C	-10 TO 175	TUBE DESIGN TEMP.	°C	-10 TO 100	CORROSION ALL.	0 mm	
23	DIFF PRESSURE	mbar	0,9397	TUBE DIFF PRESSURE	mbar	0,3826	DIM. WxHxL	482,4x300x115	
24	DISCHARGE TEMP.	°C	60	DISCHARGE TEMP.		46	WEIGHT	15 kg	
25	AIR FLOW	Nm3/hr	35	WATER FLOW	m3/hr	0,14	OPERATING WEIGHT	15,8 kg	
26	SHELL MATERIAL	TP316 - SA-312		TUBE MATERIAL	TP316L - SA-312		DESIGN CODE	TEMA C, ASME VIII Div. 1	
27	TEST PRESSURE	bar(g)	64,35	TEST PRESSURE	bar(g)	15			
28	VOLUME	L	1,7	VOLUME	L	0,8			
29	<b>NOTES :</b>								
30									
31									
32									