



# ASPC Project



<b>END CUSTOMER</b>	: Arya Sasol Polymer Company
<b>CONTRACTOR</b>	: DYPNF Co., Ltd.
<b>VENDOR NAME</b>	: Airpack Netherlands BV
<b>EQUIPMENT DESCRIPTION</b>	: Screw Compressor & Roots Blower
<b>PURCHASE ORDER NUMBER</b>	: PO-PC2312-08

Customer Document : 3944-VD-0171-DYP-RE-400-LST-0011  
Number

Airpack Document Number : 23383-09

Document Title : Utility Consumption

Review Code and Status		Contractor Initials/Signature	Date signed
<input type="checkbox"/>	<b>Code 1</b> <b>REJECTED</b> - Vendor to revise and Resubmit. Work cannot proceed		
<input type="checkbox"/>	<b>Code 2</b> Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments		
<input type="checkbox"/>	<b>Code 3</b> No Comments - Work may proceed.		
<input type="checkbox"/>	<b>Code 4</b> Information only - Review not required.		

04	Issued for Approval	07-10-2025	SC	KP	JJ
03	Issued for Approval	10-09-2025	SC	KP	JJ
02	Issued for Approval	08-08-2025	SC	KP	JJ
01	Issued for Approval	26-06-2025	SC	KP	JJ
Rev. No.	Description	Date	Prepared by	Checked by	Approved by

## ELECTRICAL LOAD LIST



No.	Item No.	Description	Q'ty	Feeding Type			Load Status			Load Type			Voltage [V]	Phase 1/3	Freq [hz]	Rated Power [kW]	Shaft Power [kW]	Effic'y [%]	PF [%]	Remarks
				N	E	V	C	I	S	M	F	VFD								
1	Compressor																			
2	44C-40001A-M1	Compressor Main Drive Motor	1	1		1			1			6000	3	50	440	356	96.8	88	Oil Pump Driven Through Gearbox	
3	44C-40001A-M1-SH1	Space Heater for Main Motor	1	1		1				1		230	1	50	0.173	0.173	-	-		
4	44C-40001A-M3	Compressor Ventilation Fan Motor	1	1		1			1			400	3	50	3	2.31	88	80		
5	44C-40001A-M2	Oil Demister Motor	1	1		1			1			230	1	50	0.37	0.37	Later By Vendor	Later By Vendor		
6																				
7	44C-40001B-M1	Compressor Main Drive Motor	1		1		1		1			6000	3	50	440	356	96.8	88	Oil Pump Driven Through Gearbox	
8	44C-40001B-M1-SH1	Space Heater for Main Motor	1		1		1			1		230	1	50	0.173	0.173	-	-		
9	44C-40001B-M3	Compressor Ventilation Fan Motor	1		1		1		1			400	3	50	3	2.31	88	80		
10	44C-40001B-M2	Oil Demister Motor	1		1		1		1			230	1	50	0.37	0.37	Later By Vendor	Later By Vendor		
11																				
12	44C-80001A-M1	Compressor Main Drive Motor	1	1		1			1			6000	3	50	250	196	95.1	88	Oil Pump Driven Through Gearbox	
13	44C-80001A-M1-SH1	Space Heater for Main Motor	1	1		1				1		230	1	50	0.173	0.173	-	-		
14	44C-80001A-M3	Compressor Ventilation Fan Motor	1	1		1			1			400	3	50	3	2.31	88	80		
15	44C-80001A-M2	Oil Demister Motor	1	1		1			1			230	1	50	0.37	0.37	Later By Vendor	Later By Vendor		
16																				
17	44C-80001B-M1	Compressor Main Drive Motor	1		1		1		1			6000	3	50	250	196	95.1	88	Oil Pump Driven Through Gearbox	
18	44C-80001B-M1-SH1	Space Heater for Main Motor	1		1		1			1		230	1	50	0.173	0.173	-	-		
19	44C-80001B-M3	Compressor Ventilation Fan Motor	1		1		1		1			400	3	50	3	2.31	88	80		
20	44C-80001B-M2	Oil Demister Motor	1		1		1		1			230	1	50	0.37	0.37	Later By Vendor	Later By Vendor		
21																				
22	44C-80002A-M1	Roots Blower Main Drive Motor	1	1		1			1			6000	3	50	250	193	94.6	82	Ventilation Fan Driven Through V-Belt	
23	44C-80002A-M1-SH1	Space Heater for Main Motor	1	1		1				1		230	1	50	0.173	0.173	-	-		
24																				
25	44C-80002B-M1	Roots Blower Main Drive Motor	1		1		1		1			6000	3	50	250	193	94.6	82	Ventilation Fan Driven Through V-Belt	
26	44C-80002B-M1-SH1	Space Heater for Main Motor	1		1		1			1		230	1	50	0.173	0.173	-	-		
27																				
28	44C-80004A-M1	Compressor Main Drive Motor	1	1		1			1			6000	3	50	560	479	96.3	89	Ventilation Fan/Oil Pump Driven Through Gearbox	
29	44C-80004A-M1-SH1	Space Heater for Main Motor	1	1		1				1		230	1	50	0.173	0.173	-	-		
30	44C-80004A-M2	Oil Demister Motor	1	1		1			1			230	1	50	0.37	0.37	74	70		
31																				
32	44C-80004B-M1	Compressor Main Drive Motor	1		1		1		1			6000	3	50	560	479	96.3	89	Ventilation Fan/Oil Pump Driven Through Gearbox	
33	44C-80004B-M1-SH1	Space Heater for Main Motor	1		1		1			1		230	1	50	0.173	0.173	-	-		
34	44C-80004B-M2	Oil Demister Motor	1		1		1		1			230	1	50	0.37	0.37	74	70		
35																				
36	44C-80005A-M1	Compressor Main Drive Motor	1	1		1			1			6000	3	50	250	197	95.1	88	Oil Pump Driven Through Gearbox	
37	44C-80005A-M1-SH1	Space Heater for Main Motor	1	1		1				1		230	1	50	0.173	0.173	-	-		
38	44C-80005A-M3	Compressor Ventilation Fan Motor	1	1		1			1			400	3	50	3	2.31	88	80		
39	44C-80005A-M2	Oil Demister Motor	1	1		1			1			230	1	50	0.37	0.37	74	70		
40																				

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No.	Item No.	Description	Q'ty	Feeding Type			Load Status			Load Type			Voltage [V]	Phase 1/3	Freq [hz]	Rated Power [kW]	Shaft Power [kW]	Effic'y [%]	PF [%]	Remarks
				N	E	V	C	I	S	M	F	VFD								
41	44C-80005B-M1	Compressor Main Drive Motor	1	1			1			1			6000	3	50	250	197	95.1	88	Oil Pump Driven Through Gearbox
42	44C-80005B-M1-SH1	Space Heater for Main Motor	1	1			1				1		230	1	50	0.173	0.173	-	-	
43	44C-80005B-M3	Compressor Ventilation Fan Motor	1	1			1			1			400	3	50	3	2.31	88	80	
44	44C-80005B-M2	Oil Demister Motor	1	1			1			1			230	1	50	0.37	0.37	74	70	
45																				
46	44C-80005C-M1	Compressor Main Drive Motor	1		1			1		1			6000	3	50	250	197	95.1	88	Oil Pump Driven Through Gearbox
47	44C-80005C-M1-SH1	Space Heater for Main Motor	1		1			1			1		230		50	0.173	0.173	-	-	
48	44C-80005C-M3	Compressor Ventilation Fan Motor	1		1			1		1			400	3	50	3	2.31	88	80	
49	44C-80005C-M2	Oil Demister Motor	1		1			1		1			230	1	50	0.37	0.37	74	70	