

CURTIS

R/S 40,40E and R/S 50,50E

PARTS LIST

AIR END MODEL

E12, E12+
AIR COOLED

HOW TO ORDER PARTS

Give name and part number as shown in parts list and serial number. Serial number is on nameplate attached to control panel of unit.

LOT NUMBER:

R/S 40 16 - 17 R/S 40E 01
R/S 50 15 - 16 R/S 50E 01

IMPORTANT

Make a permanent record of the Model and Serial numbers of your machine here. You'll save time and expense by including this reference identification on replacement parts

MODEL : _____

SER. NO.: _____

CURTIS-TOLEDO, INC.

1905 KIENLEN AVENUE, ST. LOUIS, MISSOURI 63133

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INTRODUCTION

HOW TO USE THE PARTS LIST

Using the List of Illustrations obtain the figure number of the assembly in which your part is located. Go to the appropriate figure and locate your part on the illustration. Using the key number, find the part on the parts list.

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WARNING

Personal injury and/or equipment damage will result by failing to pay attention to the vital safety information and instruction in the operating and instruction manual. Carefully read, understand, and retain all safety information and instructions before operating this unit.

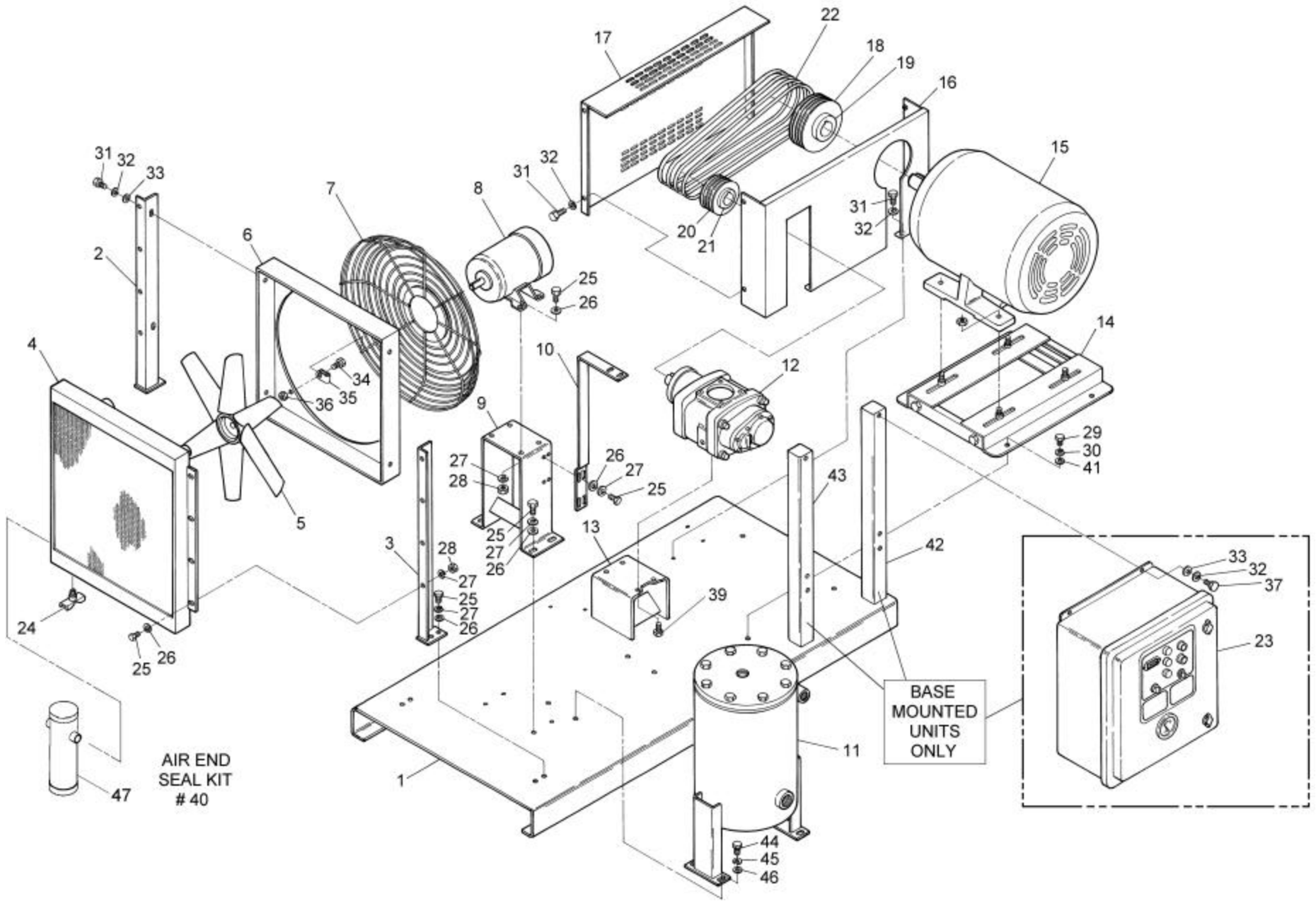


Figure 1: Major Components Group

PARTS LIST FOR MAJOR COMPONENTS GROUP (REF. FIG 1)

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ITEM NO.	DESCRIPTION	QTY	R/S 40	R/S 40E	R/S 50	R/S 50E
1	MAIN BASE	1	RN10116	<	<	<
2	COOLER SUPPORT ASSEMBLY, LEFT HAND	1	CS700	<	<	<
3	COOLER SUPPORT ASSEMBLY, RIGHT HAND	1	CS701	<	<	<
4	COOLER, AIR/OIL	1	RN32217	<	<	<
5	BLADE, FAN	1	RN32419	<	RN32406	<
6	COVER, FAN	1	CS731	<	CS730	<
7	GUARD, FAN	1	RN10456	<	<	<
8	MOTOR, FAN, 3 PHASE, 60 Hz, 200V, ODP	1	RN19001-7	<	RN19002-6	<
	MOTOR, FAN, 3 PHASE, 60 Hz, 230/460V, ODP	1	RN19001-6	<	RN19002	<
	MOTOR, FAN, 3 PHASE, 60 Hz, 575V, ODP	1	RN19001-11	<	RN19002-5	<
9	MOUNT, FAN MOTOR	1	RN10120-8	<	<	<
10	BRACKET, OIL FILTER	1	CS717A	<	<	<
11	SEPARATOR, AIR/OIL	1	RN10222-2	<	<	<
12	AIR END	1	CS625	CS625-3	CS625	CS625-3
13	MOUNTING PLATE, AIR END	1	RN10126	<	<	<
14	BASE, MOTOR	1	RN12030	<	RN12040	<
15	MOTOR, MAIN, 3 PHASE, 60 Hz, 200V, ODP	1	RN19045	<	RN19051-2	<
	MOTOR, MAIN, 3 PHASE, 60 Hz, 230/460V, ODP	1	RN19041	<	RN19051	<
	MOTOR, MAIN, 3 PHASE, 60 Hz, 575V, ODP	1	RN19041-5	<	RN19051-5	<
16	BELTGUARD, BACK	1	RN10510-1	<	<	<
17	BELTGUARD, FRONT	1	RN10510	<	<	<
18	SHEAVE, MOTOR	SEE TABLE 1				
19	BUSHING, MOTOR	SEE TABLE 1				
20	SHEAVE, AIR END	SEE TABLE 1				
21	BUSHING, AIR END	SEE TABLE 1				
22	BELT	SEE TABLE 1				
23	PANEL, CONTROL	1				
	SIZE "K"		1330000	<	<	<
	SIZE "N"		1330001	<	<	<
24	DRAINCOCK	1	VV514	<	<	<
25	SCREW, HEX HEAD CAP, 5/16 -18 x 3/4" LG.	24	VH12HF	<	<	<
26	WASHER, FLAT - 5/16"	24	VH32H	<	<	<
27	LOCKWASHER - 5/16"	24	VH35H	<	<	<
28	NUT, HEX - 5/16"	16	VH15H	<	<	<
29	SCREW, HEX HEAD CAP, 1/2-13 x 1" LG	4	VH12PH	<	<	<
30	LOCKWASHER - 1/2"	4	VH35P	<	<	<
31	SCREW, HEX HEAD CAP, 1/4-20 x 3/4" LG	15	VH51FF	<	<	<
32	LOCKWASHER - 1/4"	19	VH35F	<	<	<

PARTS LIST FOR MAJOR COMPONENTS GROUP (REF. FIG 1)

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33	WASHER, FLAT - 1/4"	12	VH32F	<	<	<
ITEM NO.	DESCRIPTION	QTY	R/S 40	R/S 40E	R/S 50	R/S 50E
34	SCREW, HEX HEAD CAP, 10-24 x 1/2" LG	4	VH12DF	<	<	<
35	NYLON LOOP CLAMP	4	RN10455-1	<	<	<
36	NUT, HEX - 10-24	4	VH15D	<	<	<
37	SCREW, HEX HEAD CAP, 1/4-20 x 1" LG	4	VH12FH	<	<	<
38	SCREW, HEX HEAD CAP, 1/4-20 x 7/8" LG	4	VH12FG	<	<	<
39	BOLT	4	VH1432	<	<	<
40	AIR END SEAL KIT	1	RN90425-6	<	<	<
41	WASHER, FLAT - 1/2"	4	VH32P	<	<	<
42	ELECTRICAL ENCLOSURE SUPPORT ASSEMBLY,	1	CS827	<	<	<
43	ELECTRICAL ENCLOSURE SUPPORT ASSEMBLY,	1	CS828	<	<	<
44	SCREW, HEX HEAD CAP, 3/8-16 x 1" LG.	3	VH12KF	<	<	<
45	LOCKWASHER - 3/8"	3	VH35K	<	<	<
46	WASHER, FLAT - 3/8"	3	VH32K	<	<	<
47	MOISTURE SEPARATOR, BASE MOUNTED UNIT	1	RN34120	<	<	<

* FOR MOTOR PART NUMBERS OTHER THAN STANDARD ODP, CONSULT FACTORY

				R/S 40	R/S 40E		R/S 50	R/S 50E
	ITEM NO.	DESCRIPTION	QTY	PART NO.		QTY	PART NO.	
100 PSI	18	SHEAVE, MOTOR	1	RN14110	<	1	RN14138	<
	19	BUSHING MOTOR	1	RN14177-4	<	1	RN14177-5	<
	20	SHEAVE, AIR END	1	RN14101	<	1	RN14116	<
	21	BUSHING, AIR END	1	RN14176-1	<	1	RN14176-1	<
	22	BELT	4	RN14316-1	<	5	RN14316-1	<
125 PSI	18	SHEAVE, MOTOR	1	RN14109	<	1	RN14138	<
	19	BUSHING MOTOR	1	RN14177-4	<	1	RN14177-5	<
	20	SHEAVE, AIR END	1	RN14102	<	1	RN14116	RN14130
	21	BUSHING, AIR END	1	RN14176-1	<	1	RN14176-1	<
	22	BELT	4	RN14316-1	<	5	RN14316-1	<
150 PSI	18	SHEAVE, MOTOR	1	RN14106	<	1	RN14138	<
	19	BUSHING MOTOR	1	RN14177-4	<	1	RN14177-5	<
	20	SHEAVE, AIR END	1	RN14102	<	1	RN14130	RN14133
	21	BUSHING, AIR END	1	RN14176-1	<	1	RN14176-1	RN14177-1
	22	BELT	4	RN14315-1	<	5	RN14316-1	<
175 PSI	18	SHEAVE, MOTOR	1	RN14109	<	1	RN14138	RN14135
	19	BUSHING MOTOR	1	RN14177-4	<	1	RN14177-5	<
	20	SHEAVE, AIR END	1	RN14109	<	1	RN14137	RN14130
	21	BUSHING, AIR END	1	RN14177-1	<	1	RN14177-1	RN14176-1
	22	BELT	4	RN14316-1	<	5	RN14316-1	<

Table 1: SHEAVES, BUSHINGS AND BELTS

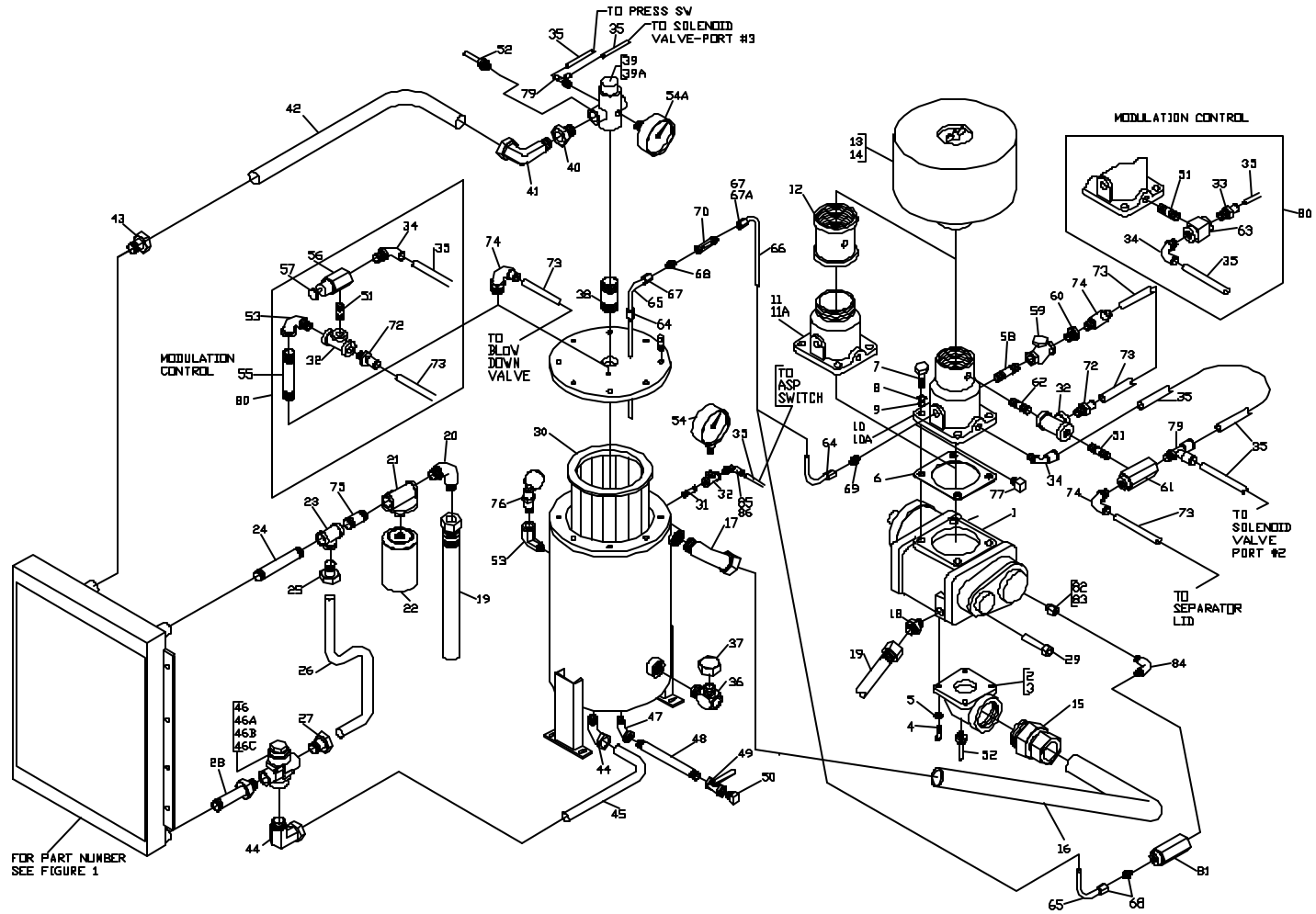


Figure 2: Air And Oil Piping Group

PARTS LIST FOR AIR AND OIL PIPING GROUP (REF. FIG. 2)

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ITEM NO.	DESCRIPTION	QTY	R/S 40	R/S 40E	R/S 50	R/S 50E
1	AIR END	1	CS625	CS625-3	CS625	CS625-3
2	FLANGE, DISCHARGE	1	CS906	<	<	<
3	“O” RING (NOT SHOWN)	1	RN10672-1	<	<	<
4	BOLT, M12 x 1.75 x 60 mm	4	VH1442	<	<	<
5	LOCKWASHER, 12 mm	4	VH1240	<	<	<
6	GASKET, INLET VALVE	1	RN10674-2	<	<	<
7	BOLT, M16 x 2.0 x 40 mm	4	VH1435	<	<	<
8	LOCKWASHER - 16 mm	4	VH1234	<	<	<
9	WASHER - 16 mm	4	VH1238	<	<	<
10	COUPLING, 2 1/2”	1	200000	<	<	<
11	VALVE, INLET	1	RN24582	<	<	<
11A	KIT, SERVICE, INLET VALVE (NOT SHOWN)	1	RN24570-2	<	<	<
12	ASSEMBLY, AIR FILTER	1	VA1145	<	<	<
13	ELEMENT, AIR FILTER	1	VA1144	<	<	<
14	CONNECTOR, 1 1/2” O.D. x 1 7/8-12UN, STRAIGHT	1	VAB707	<	<	<
15	TUBE, 1 1/2” O.D.	1	OFE981	<	<	<
16	FITTING SET, 1 1/2” O.D. x 1 7/8-12UN, ELBOW	1	RN52145	<	<	<
17	CONNECTOR, 1” O.D. x 3/4” NPT, ELBOW	2	RN60087	<	<	<
18	ASSEMBLY, HOSE, 7/8” I.D. x 67” LG.	1	RN60123	<	<	<
19	PLUG, PIPE, 1/4”	1	VA01BA	<	<	<
20	OIL FILTER HEAD	1	RN28100	<	<	<
21	ELEMENT, OIL FILTER	1	RN28201	<	<	<
22	TEE, REDUCING, 1” x 3/4” x 3/4”	1	VAC878	<	<	<
23	NIPPLE, 1” NPT x 5 1/2” LG.	1	VA13FKA	<	<	<
24	CONNECTOR, STRAIGHT, 3/4” NPT x 3/4” O.D.	1	VAA717	<	<	<
25	TUBE, BY-PASS TO OIL FILTER	1	OFE959	<	<	<
26	CONNECTOR, STRAIGHT, 3/4” O.D. x 1 1/16-12UN-2B	1	RN52143	<	<	<
27	ADAPTOR, MALE, 3/4” NPT x 1 1/16-12UN-2B	1	RN52139	<	<	<
28	THERMOWELL, M14 x 1.5	1	RN18679	<	<	<
29	ELEMENT, SEPARATOR	1	RN27518	<	<	<
30	NIPPLE, 1/4” NPT x SHORT	2	VA13BBB	<	<	<
31	TEE, 1/4”	3	VA10BF	<	<	<
32	CONNECTOR, STRAIGHT, QUICK DISCONNECT, 1/4” NPT x 1/4” O.D.	5	VAA702	<	<	<
33	CONNECTOR, ELBOW, QUICK DISCONNECT, 1/4” NPT x 1/4” O.D.	2	VAA703	<	<	<
34	TUBE, NYLON, BLACK, #11 - 1/4” O.D.	-	VA1626	<	<	<
35	COMBINATION OIL FILL AND SIGHT GLASS	1	RN52171	<	<	<
36	CAP W/ VENT HOLE	1	CS741	<	<	<
37	NIPPLE, 1 1/4” NPT x 2 1/2” LG.	1	VA017	<	<	<
38	VALVE, MINIMUM PRESSURE	1	RN42126	<	<	<
38A	KIT, SERVICE, MINIMUM PRESSURE VALVE (NOT SHOWN)	1	RN42126-1	<	<	<

PARTS LIST FOR AIR AND OIL PIPING GROUP (REF. FIG. 2)

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ITEM NO.	DESCRIPTION	QTY	R/S 40	R/S 40E	R/S 50	R/S 50E
39	TEE, REDUCING, 1 1/4" x 1/2" x 1 1/4"	1	VAD815	<	<	<
40	CONNECTOR, 1 1/4" NPT x 1 1/4" O.D., ELBOW	1	VAA722	<	<	<
41	TUBE, 1 1/4" O.D.	1	OFE949	<	<	<
42	CONNECTOR, 1 1/4" NPT x 1 1/4" O.D., STRAIGHT	1	VAA721	<	<	<
43	CONNECTOR, ELBOW, 1 1/16-12UN-2B x 3/4" O.D.	2	RN52141	<	<	<
44	TUBE, SEPARATOR TANK TO BY-PASS	1	OFE960	<	<	<
45	VALVE, THERMO BY-PASS, 170° F	1	RN42403	<	<	<
45A	KIT, SERVICE, THERMO BY-PASS VALVE, 170° F	1	RN42403-1	<	<	<
45B	VALVE, THERMO BY-PASS, 180° F (OPTIONAL)	1	RN42402	<	<	<
45C	KIT, SERVICE, THERMO BY-PASS VALVE, 180° F (OPTIONAL)	1	RN42402-1	<	<	<
46	ELBOW, STREET, 3/4"	1	VA08EF	<	<	<
47	NIPPLE, 3/4" NPT x 11" LG.	1	VA13ERA	<	<	<
48	VALVE, BALL, 3/4"	1	VV540	<	<	<
49	PLUG, PIPE, 3/4"	1	VA01ER	<	<	<
50	NIPPLE, 1/4" NPT x CLOSE	3	VA13BAA	<	<	<
51	SWITCH, TEMPERATURE	2	RN18659	<	<	<
52	ELBOW, STREET, 1/4"	2	VA08BF	<	<	<
53	GUAGE, AIR PRESSURE, 2 1/2" DIA., LIQUID FILLED	2	RM30323	<	<	<
54	NIPPLE, 1/4" NPT x 3" LG.	1	VA13BEA	<	<	<
55	VALVE, MODULATING, 1/4"	1	RN42612	<	<	<
56	SCREW, THUMB	1	CS793	<	<	<
57	NIPPLE, 3/8" NPT x CLOSE	1	VA13CAA	<	<	<
58	VALVE, CHECK, 3/8"	1	VV832	<	<	<
59	CONNECTOR, ELBOW, QUICK DISCONNECT, 1/4" NPT x 3/8" O.D. TUBE	1	VAA748	<	<	<
60	VALVE, BLOW DOWN, 1/4"	1	RN18428	<	<	<
61	NIPPLE/ORIFICE, BLOW DOWN	1	RN52149	<	<	<
62	VAVLE, SHUTTLE, 1/4"	1	RN42105	<	<	<
63	COMPRESSION CONNECTOR, 1/4" NPT x 1/4" O.D., STRAIGHT	1	RN52151	<	<	<
64	TUBE, STEEL, 1/4" O.D.	1	OFE963	<	<	<
65	TUBE, STEEL, 1/4" O.D.	1	OFE985	<	<	<
66	NUT, STEEL, 1/4" O.D.	2	VAA756	<	<	<
67	UNION, 1/4" O.D. x 1/4" O.D.	1	VAA755	<	<	<
68	ORIFICE SCAVENGER COMPRESSION CONNECTOR	1	RN52131-2	<	<	<
69	SIGHT GLASS	1	RN52170	<	<	<
70	SEPARATOR TANK CROSS (NOT SHOWN)	1	RN10140	<	<	<
71	CONNECTOR, STRAIGHT, QUICK DISCONNECT, 1/4" NPT x 3/8" O.D. TUBE	1	VAA747	<	<	<
72	TUBE, NYLON, #11, 3/8" O.D.	-	VA1628	<	<	<
73	CONNECTOR, ELBOW, QUICK DISCONNECT, 3/8" NPT x 3/8" O.D. TUBE	1	VAA751	<	<	<
74	NIPPLE, 3/4" NPT x SHORT	1	VA13ECA	<	<	<

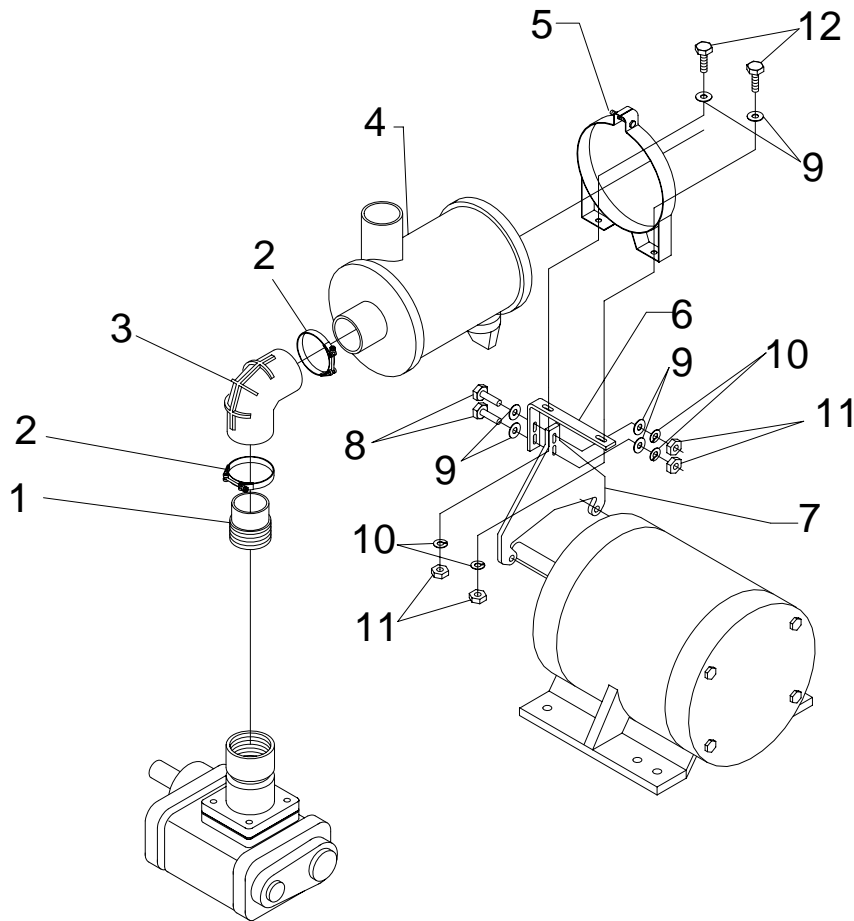
PARTS LIST FOR AIR AND OIL PIPING GROUP (REF. FIG. 2)

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ITEM NO.	DESCRIPTION	QTY	R/S 40	R/S 40E	R/S 50	R/S 50E
75	VALVE, RELIEF, 1/2" 150 PSI (USED ON 100 PSI AND 125 PSI UNITS) 175 PSI (USED ON 150 PSI UNITS) 200 PSI (USED ON 175 PSI UNITS)	1 1 1	RN42815 RN42816 RN42817	< < <	< < <	< < <
76	BUSHING, REDUCING, 1" NPTM x 3/4" NPTF	1	VA857	<	<	<
77	ELBOW, 1/4"	1	VA06ER	<	<	<
78	NIPPLE, 1 1/4" NPT x 5 1/2" LG.	1	VA13GKA	<	<	<
79	VALVE, CHECK, 1/4"	1	VV834	<	<	<
80	ADAPTER, 1/8" BSPP x 1/4" NPTF	1	VAA745	<	<	<
81	WASHER FOR VAA745 (NOT SHOWN)	1	VAA746	<	<	<
82	ELBOW, MALE, 90°, 1/4" NPTM x 1/4" NPTM	1	VAA754	<	<	<
83	TEE, RUN 1/4"NPT X 1/4"OD X 1/4"OD	2	VAB746	<	<	<
84	PRESSURE REGULATOR FOR 175PSI UNITS (NOT SHOWN)	1	CY58-1	<	<	<
85	CONNECTOR, 1/4 OD X 1/4 NPT MALE, EL	1	RN52150-2	<	<	<
86	INSERT	2	VA1620	<	<	<
87	CONNECTOR, 1/4 OD X 1/8 NPT MALE, STRAIGHT (NOT SHOWN)	1	RN52150-3	<	<	<

PARTS LIST FOR HEAVY DUTY FILTER ASSEMBLY

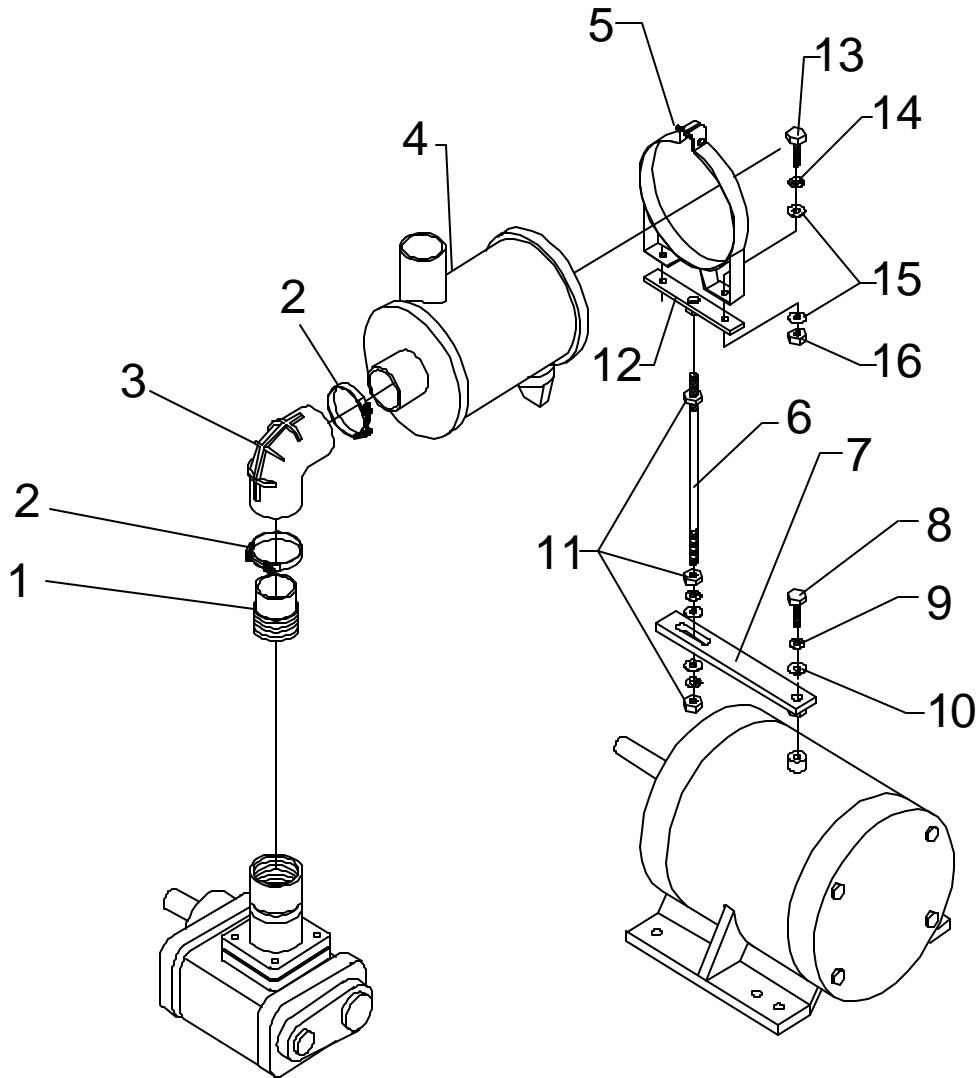
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ITEM NO.	DESCRIPTION	QTY	R/S 40	R/S 50
	HEAVY DUTY FILTER KIT	1	VGf574	VGd546
1	NIPPLE, 2-1/2 X 3 THREADS ONE END	1	VAC864	<
2	CLAMP, WORM DRIVE, 2.75" DIA-3.75" DIA	2	RN24074-5	<
3	ELBOW, 3", 90 DEGREE	1	RN24076-4	<
4	FILTER, HEAVY DUTY	1	RN24076	<
5	BAND MOUNTING	1	RN24076-3	<
6	MOUNTING BRACE, H.D. AIR FILTER-BALDOR MTR	1	200039	200030
7	MOUNTING BRACKET, H.D. AIR FILTER	1	200025	200028
8	HHCS, 5/16"-18 X 1.00, GRADE 5	2	VH12HH	<
9	WASHER, FLAT CUT, 5/16"	6	VH32H	<
10	LOCKWASHER, KANTLINK, SPLIT, MED. 5/16"	4	VH35H	<
11	HEX NUT, FINISHED, 5/16"	4	VH15H	<
12	HHCS, 5/16-18 X 3/4", GRADE 5	2	VH12HF	<

PARTS LIST FOR HEAVY DUTY FILTER ASSEMBLY

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ITEM NO.	DESCRIPTION	QTY	R/S 40E	R/S 50E
	HEAVY DUTY FILTER KIT	1	VGG502	<
1	NIPPLE, 2 ½ X 3 THREADS, ONE END	1	VAC864	<
2	CLAMP, T-BAR 3 ½"	2	RN24076-5	<
3	ELBOW, 90 DEG, 3"	1	RN24076-4	<
4	FILTER, HEAVY DUTY ASSEMBLY	1	RN24076	<
5	BAND MOUNTING	1	RN24076-3	<
6	ROD, THREADED M16 X 2.0 LONG	1	VL2402	<
7	PLATE MOUNT	1	RN24076-9	<
8	BOLT, M16 X 2.0 X 45mm	1	VH1440	<
9	WASHER, LOCK 16mm	4	VH1234	<
10	WASHER, FLAT 16mm	4	VH1238	<
11	NUT, HEX 16mm X 2.0	3	VH1531	<
12	MOUNT PLATE, HDF	1	RN24079-11	<
13	HHCS, 5/16-18 X 1, GRADE 5	2	VH12HH	<
14	LOCKWASHER, SPLIT, KANTLINK	2	VH35H	<
15	WASHER, FLAT CUT 5/16	4	VH32H	<
16	NUT, FINISHED HEX 5/16	2	VH15H	<

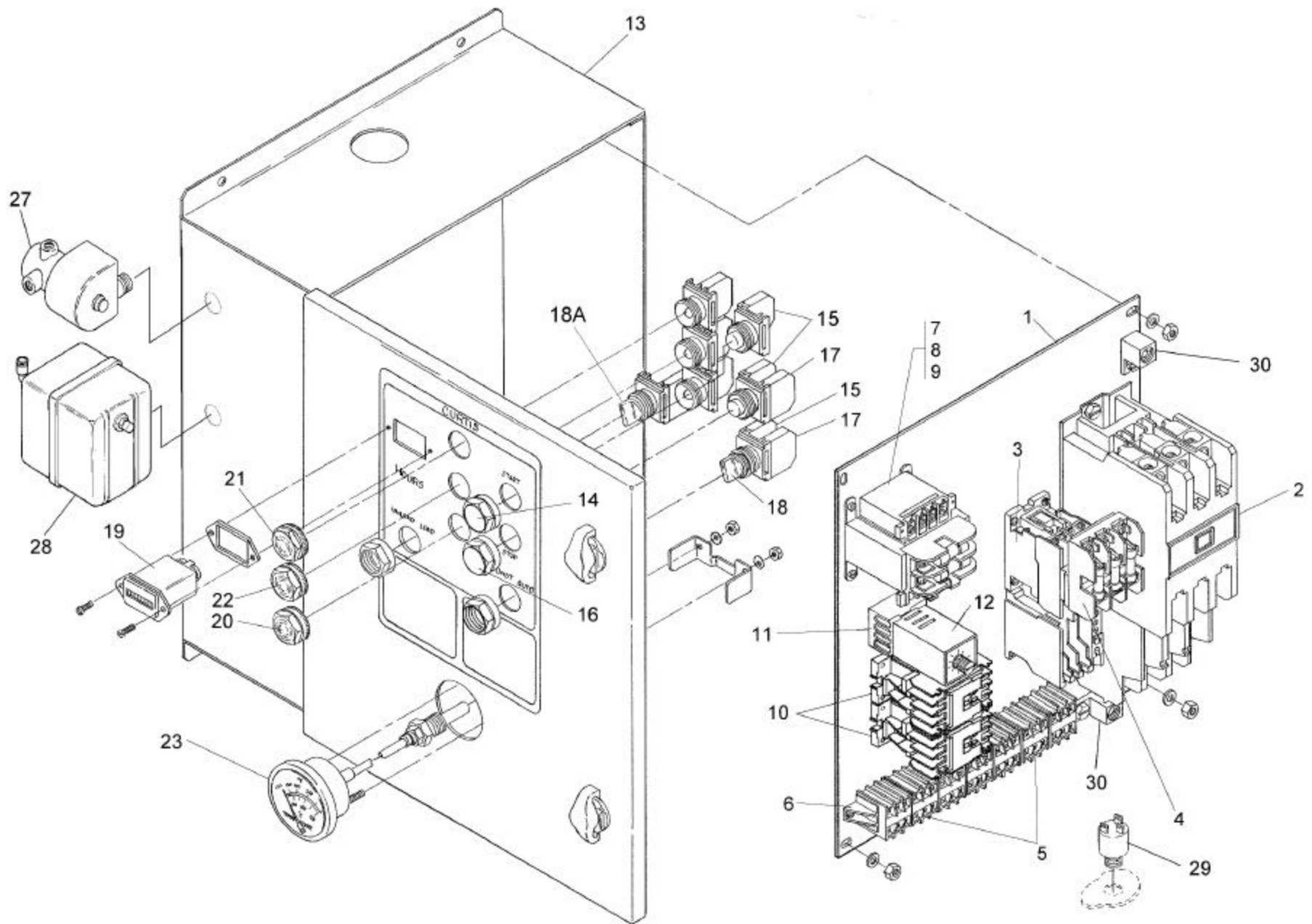


Figure 3: Electrical Components Group - Open

PARTS LIST FOR ELECTRICAL COMPONENTS GROUP – OPEN (REF. FIG. 3)

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ITEM NO.	DESCRIPTION	QTY.	R/S 40	R/S 50
1	CONTROL BACK PANEL			
2	STARTER WITH INTERCHANGEABLE HEATERS (MAIN MOTOR) SIZE "K" SIZE "N" SIZE "S"		SEE TABLE 2	
3	STARTER WITH INTERCHANGABLE HEATERS (FAN) SIZE "A" SIZE "B"			
4	FUSE BLOCK - 30A, 600V	1	RN18314-1	<
5	TERMINAL BLOCK	6	1330042	<
6	TERMINAL BLOCK END STOP	1	1330043	<
7	TRANSFOMER 150VA,FUSED, 120V 250VA,FUSED, 120V		SEE TABLE 2	
8	FUSE, TRANSFORMER, PRIMARY			
9	FUSE, TRANSFORMER, SECONDARY			
10	RELAY, 4 POLE, 120V, DPDT	1	1330062	<
11	SOCKET	1	1330049	<
12	TIMER, 60 MIN., PLUG-IN	1	1330026	<
13	ENCLOSURE SIZE "K" & "N" SIZE "S"	1	1330058	<
		1	N/A	RN18039
14	PUSH BUTTON START SWITCH	1	RN18116	<
15	N.O. CONTACT BLOCK (USED W/ PUSH BUTTON STOP)	2	RN18118-2	<
16	PUSH BUTTON STOP SWITCH (RED)	1	RN18118	<
17	N.C. CONTACT	2	RN18118-1	<
18	2 POSITION SELECTOR SWITCH (CONST/AUTO)	1	RN18104-9	<
18A	2 POSITION SELECTOR SWITCH (LOAD/UNLOAD)	1	RN18104-7	<
19	HOURLMETER	1	1330048	<
20	AMBER LIGHT (STAND BY)	1	RN18218	<
21	RED LIGHT (STOP)	1	RN18217	<
22	GREEN LIGHT (POWER ON)	1	RN18219	<
23	TEMPERATURE GAUGE	1	RN18682	<
24	HEATER - MAIN (NOT SHOWN)			
25	HEATER - FAN (NOT SHOWN)			
26	FUSE, FAN (NOT SHOWN)		SEE TABLE 2	
27	VALVE, SOLENOID	1	RN18422	<
28	SWITCH, PRESSURE – 100 PSI UNITS	1	1240007	<
	SWITCH, PRESSURE – 125 PSI UNITS	1	1240007	<
	SWITCH, PRESSURE – 150 PSI UNITS	1	1240007	<
	SWITCH, PRESSURE – 175 PSI UNITS	1	1240007	<
29	SWITCH, ANTI-START PRESSURE	1	RN18134	<
30	LUG, GROUNDING	2	VE779	<
31	LIGHT BULBS (NOT SHOWN)	3	RN18270	<

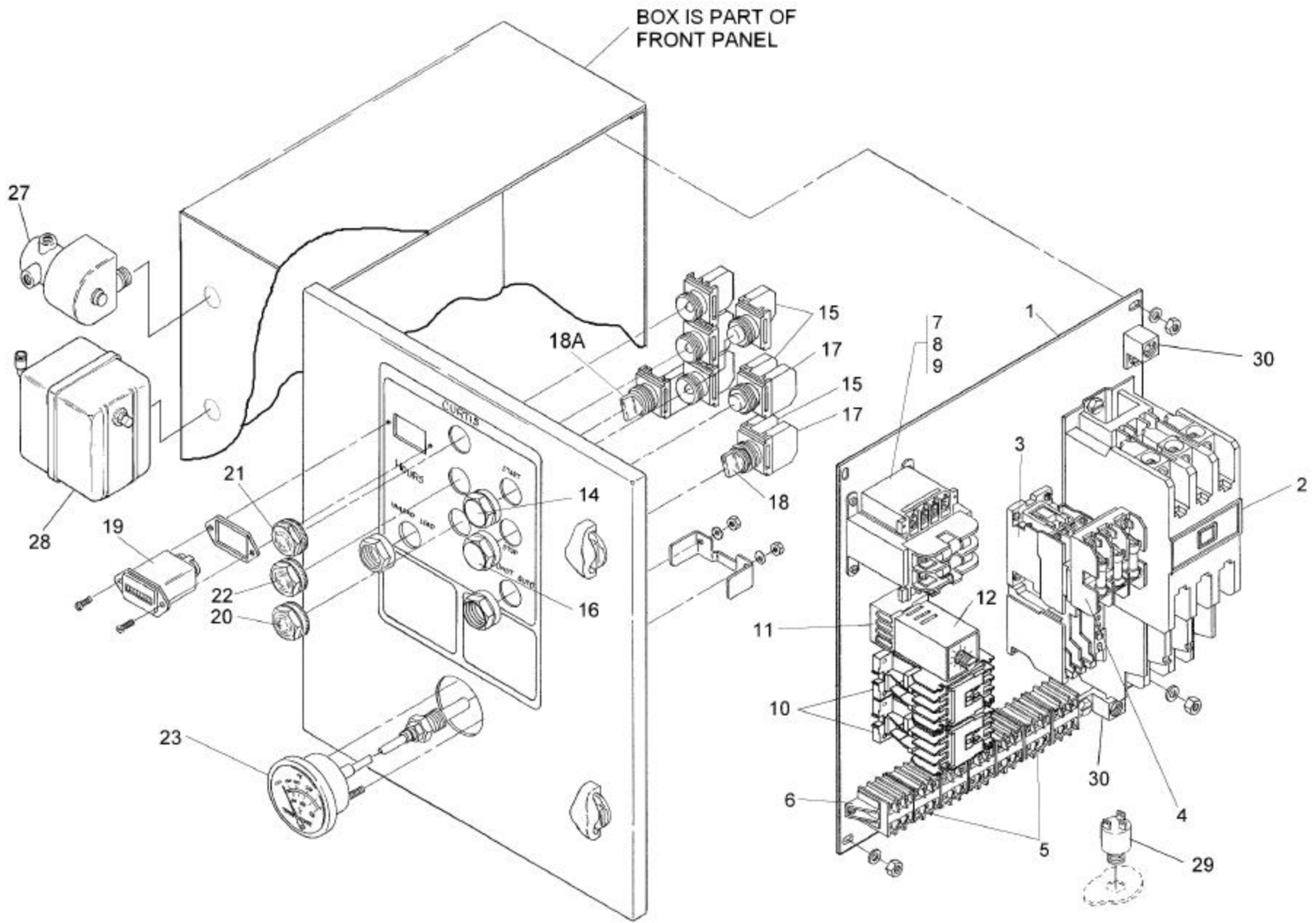


Figure 4: Electrical Components Group (Enclosed)

PARTS LIST FOR ELECTRICAL COMPONENTS GROUP – ENCLOSED (REF. FIG. 4)

CAP-228

ITEM NO.	DESCRIPTION	QTY.	R/S 40	R/S 50
1	CONTROL BACK PANEL			
2	STARTER WITH INTERCHANGEABLE HEATERS (MAIN MOTOR) SIZE "K" SIZE "N" SIZE "S"		SEE TABLE 2	
3	STARTER WITH INTERCHANGABLE HEATERS (FAN) SIZE "A" SIZE "B"			
4	FUSE BLOCK - 30A, 600V	1	RN18314-1	<
5	TERMINAL BLOCK	6	1330042	<
6	TERMINAL BLOCK END STOP	1	1330043	<
7	TRANSFOMER 150VA,FUSED, 120V 250VA,FUSED, 120V	1	1330055	<
8	FUSE, TRANSFORMER, PRIMARY		SEE TABLE 2	
9	FUSE, TRANSFORMER, SECONDARY			
10	RELAY, 4 POLE, 120V, DPDT	1	1330062	<
11	SOCKET	1	1330049	<
12	TIMER, 60 MIN., PLUG-IN	1	1330026	<
13	ENCLOSURE (NOT SHOWN) SIZE "K" & "N" SIZE "S"	1	N/A	N/A
		1	N/A	RN18039
14	PUSH BUTTON START SWITCH	1	RN18116	<
15	N.O. CONTACT BLOCK (USED W/ PUSH BUTTON STOP)	2	RN18118-2	<
16	PUSH BUTTON STOP SWITCH (RED)	1	RN18118	<
17	N.C. CONTACT	2	RN18118-1	<
18	2 POSITION SELECTOR SWITCH (CONST/AUTO)	1	RN18104-9	<
18A	2 POSITION SELECTOR SWITCH (LOAD/UNLOAD)	1	RN18104-7	<
19	HOURLMETER	1	RN18250	<
20	AMBER LIGHT (STAND BY)	1	RN18212	<
21	RED LIGHT (STOP)	1	RN18210	<
22	GREEN LIGHT (POWER ON)	1	RN18214	<
23	TEMPERATURE GAUGE	1	RN18682	<
24	HEATER - MAIN (NOT SHOWN)		SEE TABLE 2	
25	HEATER - FAN (NOT SHOWN)			
26	FUSE, FAN (NOT SHOWN)			
27	VALVE, SOLENOID	1	RN18422	<
28	SWITCH, PRESSURE – 100 PSI UNITS	1	1240007	<
	SWITCH, PRESSURE – 125 PSI UNITS	1	1240007	<
	SWITCH, PRESSURE – 150 PSI UNITS	1	1240007	<
	SWITCH, PRESSURE – 175 PSI UNITS	1	1240007	<
29	SWITCH, ANTI-START PRESSURE	1	RN18134	<
30	LUG, GROUNDING	2	VE779	<
31	LIGHT BULBS (NOT SHOWN)	3	N/A	N/A

	ITEM NO.	DESCRIPTION	QTY.	200 VOLT	230 VOLT	460 VOLT	575 VOLT
R/S 40	1	CONTROL BACK PANEL	1	1330035	<	1330034	<
	2	SIZE "K" STARTER	1	N/A	N/A	RN18960	<
	2	SIZE "N" STARTER	1	RN18963	<	N/A	N/A
	2	SIZE "S" STARTER	1	N/A	N/A	N/A	N/A
	3	SIZE "A" STARTER (FAN)	1	RN18959	<	<	<
	3	SIZE "B" STARTER (FAN)	1	N/A	N/A	N/A	N/A
	7	TRANSFORMER, 150VA,FUSED, 120V	1	1330075	<	<	1330055
	7	TRANSFORMER, 250VA,FUSED, 120V	1	N/A	N/A	N/A	N/A
	8	FUSE, TRANSFORMER, PRIMARY	2	RN18345-1	<	<	<
	9	FUSE, TRANSFORMER, SECONDARY	1	RN18351	<	<	<
	24	HEATER - MAIN (NOT SHOWN)	1	RN18990	RN18989	RN18982	RN18981
	25	HEATER - FAN (NOT SHOWN)	1	RN18975	<	RN18973	RN18972
	26	FUSE, FAN (NOT SHOWN)	3	RN18317-1	VE398	RN18316-2	VE383
R/S 50	1	CONTROL BACK PANEL	1	RN18039-1	1330035	1330034	<
	2	SIZE "K" STARTER	1	N/A	N/A	RN18960	<
	2	SIZE "N" STARTER	1	N/A	RN18963	N/A	N/A
	2	SIZE "S" STARTER	1	RN18860	N/A	N/A	N/A
	3	SIZE "A" STARTER	1	N/A	RN18959	<	<
	3	SIZE "B" STARTER	1	RN18950	N/A	N/A	N/A
	7	TRANSFORMER, 150VA,FUSED, 120V	1	N/A	1330075	<	<
	7	TRANSFORMER, 250VA,FUSED, 120V	1	1330076	N/A	N/A	N/A
	8	FUSE, TRANSFORMER, PRIMARY	2	VE385	RN18345-1	<	<
	9	FUSE, TRANSFORMER, SECONDARY	1	RN18354	RN18351	<	<
	24	HEATER - MAIN (NOT SHOWN)	1	RN18972	RN18990	RN18983	RN18982
	25	HEATER - FAN (NOT SHOWN)	1	RN18976	RN18975	RN18973	RN18972
	26	FUSE, FAN (NOT SHOWN)	3	VE399	RN18317-1	RN18316-2	RN08316-1

Table 2: CONTROL PANEL, HEATERS AND FUSES

NOTES

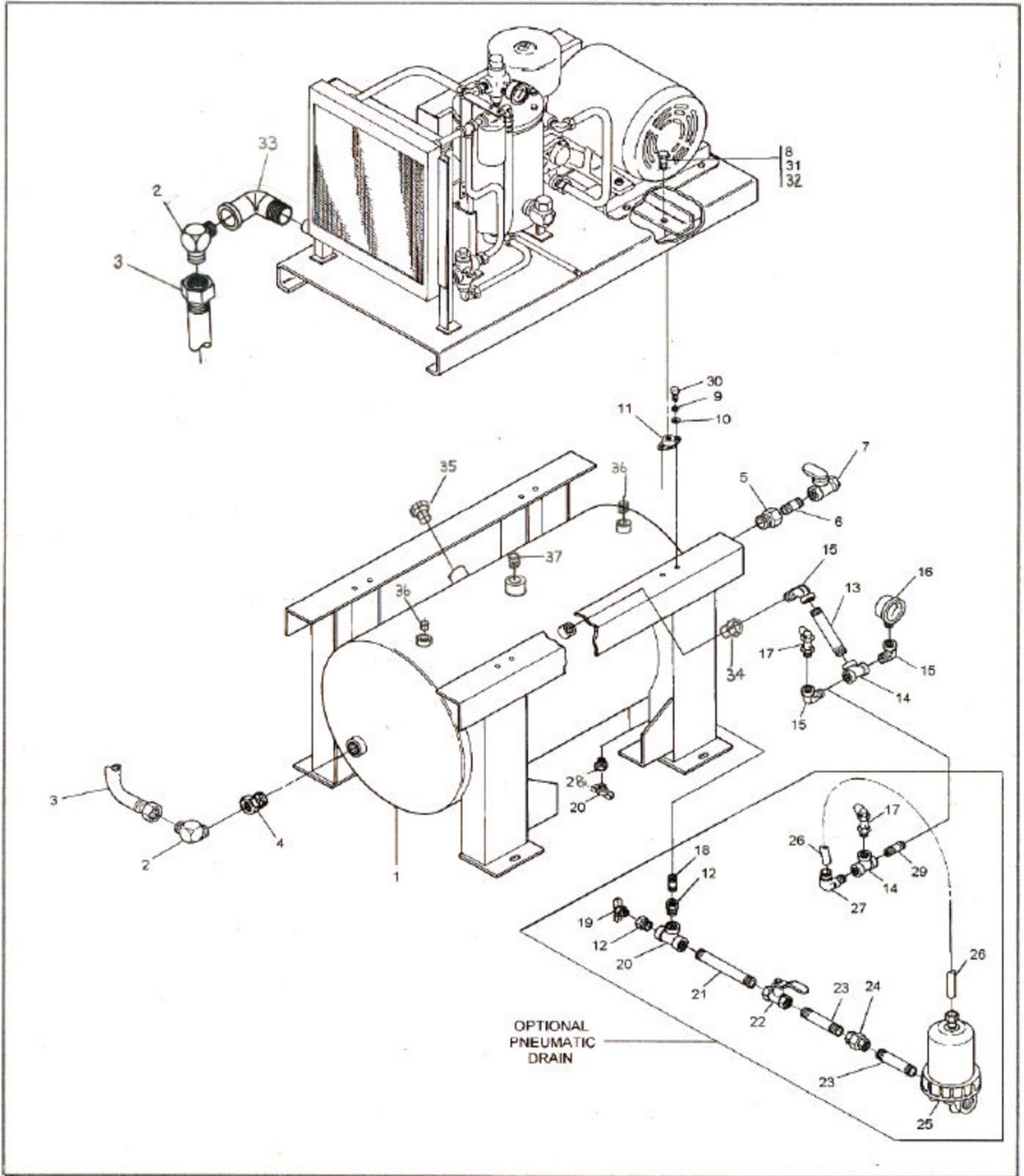


Figure 5: Tank And Base Group

PARTS LIST FOR TANK AND BASE GROUP (REF. FIG. 5)

CAP-228

ITEM NO.	DESCRIPTION	QTY.	R/S 40	R/S 50			
1	TANK ASSEMBLY	1					
	200 GALLON		OFD247A	<			
	240 GALLON		OFD249A	<			
2	CONNECTOR, ELBOW	SEE					
3	HOSE ASSEMBLY	TABLE 3					
4	BUSHING, REDUCING, 2" NPT x 1 1/4" NPT	1	VA12JGF	<			
5	BUSHING - 2" NPT x 1 1/2" NPT	1	VA12JHP	<			
6	NIPPLE, SHORT, BLACK - 1 1/2" x SHORT	1	VA13HBA	<			
7	BALL VALVE - 1 1/2"	1	RN42240	<			
8	SCREW, HEX HEAD CAP, 1/2-20 x 1 1/4" LG.	4	VH12NK	<			
9	WASHER - 5/16"	8	VH32H	<			
10	LOCKWASHER, 5/16"	8	VH35H	<			
11	VIBRATION MOUNTS	4	RN60255	<			
12	BUSHING, REDUCING - 3/8" NPT x 1/4" NPT	SEE TABLE 3					
13	NIPPLE - 1/4" NPT x 6" LG.	1	VA13BLA	<			
14	TEE - 1/4" NPT		VA10BF	<			
15	STREET ELBOW, 1/4"	3	VA08BF	<			
16	GAUGE, AIR PRESSURE	1	RN30320	<			
17	RELIEF VALVE - 1/4"						
	150 PSI	1	RN42810	<			
	175 PSI	1	RN42811	<			
	200 PSI	1	RN42812	<			
18	NIPPLE, 1/4" NPT	SEE TABLE 3					
19	DRAIN COCK - 1/4"	1	VV514	<			
20	TEE - 3/8"	SEE TABLE 3					
21	NIPPLE - 3/8"						
22	BALL VALVE - 3/8"						
23	NIPPLE, GALVANIZED - 3/8"						
24	UNION, GALVANIZED - 3/8"						
25	DRAIN, AUTOMATIC CONDENSATE - SNAP TRAP						
26	TUBING, NYLON, WHITE - 1/4" OD	SEE TABLE 3					
27	CONNECTOR, ELBOW, 1/4" NPT x 1/4" OD, QD						
28	BUSHING - 1" NPT x 1/4" NPT				1	VA12FBF	<
29	NIPPLE, 1/4", CLOSE				SEE TABLE 3		
30	SCREW, HEX HEAD CAP, 5/16-18 x 3/4" LG.				4	VA12HF	<
31	WASHER, 1/2" (NOT SHOWN)				4	VH32P	<
32	LOCK WASHER, 1/2" (NOT SHOWN)	4	VH35P	<			
33	STREET ELBOW, 1 1/4"	1	VA08GP	<			
34	BUSHING, 3/4" x 1/4"	1	VA12EBG	<			
35	PLUG, 1/4"	1	VA01BA	<			
36	PLUG, 1/2"	2	VA01DR	<			
37	PLUG, 1 1/4"	1	VA02GR	<			

	ITEM NO	DESCRIPTION	200 GALLON		240 GALLON	
			QTY	PART NO.	QTY	PART NO.
R/S40 R/S50	2	CONNECTOR, ELBOW	2	RN60089	2	<
	3	HOSE ASSEMBLY	1	RN60144	1	<
	12	BUSHING, REDUCING, 3/8" x 1/4"	2	VA12CBA	2	<
	13	NIPPLE, CLOSE, BLACK - 1/4"	1	VA13BAA	1	<
	14	TEE - 1/4"	1	VA10BF	1	<
	18	NIPPLE, 1/4" x 3" LG.	1	VA13BEB	1	<
	20	TEE, 3/8"	1	VA10CF	1	<
	21	NIPPLE, 3/8"	1	VA13CNB	1	<
	22	BALL VALVE, 3/8", 200 PSI	1	VV539	1	<
	23	NIPPLE, 3/8"	2	VA13CEB	2	<
	24	UNION, 3/8"	1	VAC806	1	<
	25	HANKINSON AUTO DRAIN	1	VA539	1	<
	26	TUBING, NYLON, WHITE - 1/4"	-	VA1601	-	<
	27	ELBOW, 1/4 MPT x 1/4 OD, QD	1	VAA703	1	<
29	NIPPLE, 1/4", CLOSE	1	VA13BAB	1	<	

Table 3: TANK HOSE ASSEMBLY AND OPTIONAL PNEUMATIC DRAIN

NOTES

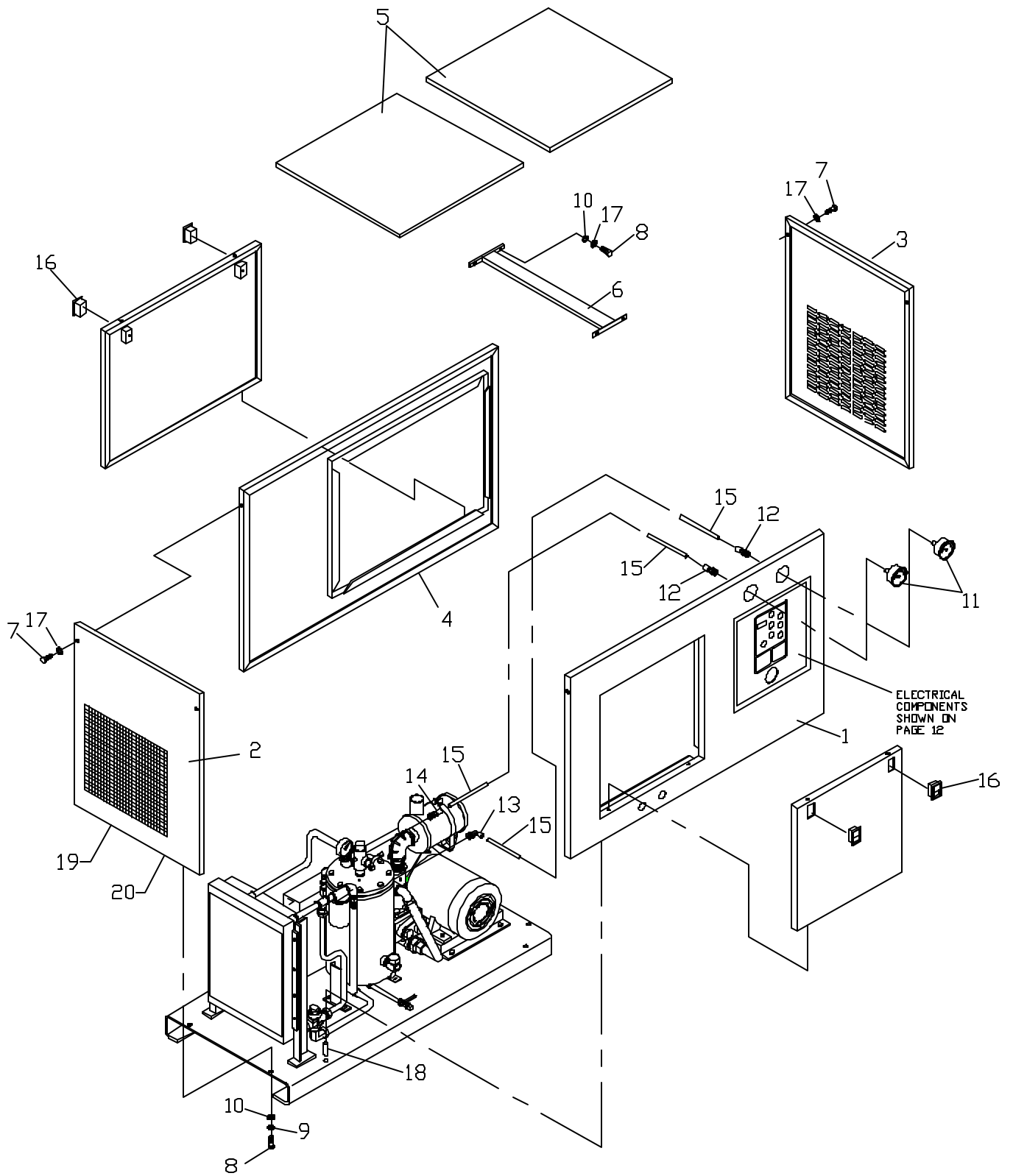


Figure 6: Enclosure Group

PARTS LIST FOR ENCLOSURE GROUP (REF. FIG. 6)

CAP-228

ITEM NO.	DESCRIPTION	QTY.	R/S 40	R/S 50
1	FRONT PANEL FRONT PANEL – NEMA 4 & 200V R/S50 ONLY	1	RN10040-1A RN10040-7A	< <
2	LEFT SIDE PANEL	1	RN10040-2A	<
3	RIGHT SIDE PANEL	1	RN10040-3A	<
4	BACK PANEL	1	RN10040-4A	<
5	TOP PANEL	2	RN10040-5A	<
6	TOP CROSS SUPPORT	1	RN10040-6	<
7	SCREW, SOCKET HEAD CAP, BUTTON HEAD, 1/4-20 x 1 1/2" LG.	12	VH1737	<
8	SCREW, HEX HEAD CAP, 1/4-20 x 3/4" LG.	8	VH11FF	<
9	LOCKWASHER, 1/4"	4	VH35F	<
10	WASHER, FLAT, 1/4"	8	VH32F	<
11	GAUGE, AIR PRESSURE, 2 1/2", LIQUID FILLED	2	RN30322	<
12	CONNECTOR, STRAIGHT, QUICK DISCONNECT, 1/4" NPTF x 1/4" O.D. TUBE	2	VAA787	<
13	CONNECTOR, ELBOW, QUICK DISCONNECT, 1/4" NPT x 1/4" O.D. TUBE	1	VAA703	<
14	CONNECTOR, STRAIGHT, QUICK DISCONNECT, 1/4" NPT x 1/4" O.D. TUBE	1	VAA702	<
15	TUBE, NYLON, BLACK, #11, 1/4" O.D.	-	VA1626	<
16	HANDLE, PADDLE	4	CS681	<
17	LOCKWASHER, INTERNAL, 1/4"	8	VH38F	<
18	PIN	4	CS910	<
19	* ENCLOSURE, NOISE SUPPRESSOR ASSEMBLY (NOT SHOWN)	2	RN10040-AA	<
20	* TOP COVER SOUND ENCLOSURE (NOT SHOWN)	2	RN10040-B	<

* DENOTES OPTIONAL ITEM

ROUTINE MAINTENANCE KITS

4,000 HOUR KIT

MODEL	WORKING PRESSURE			
	100 PSI	125 PSI	150 PSI	175 PSI
R/S 40, 40E	VGA594	<	<	<
R/S 50, 50E	VGA594	<	<	<

KIT INCLUDES

- (1) SEPARATOR ELEMENT
- (4) OIL FILTER ELEMENTS
- (2) AIR FILTER ELEMENTS

4,000 HOUR KIT (FOR UNITS WITH HEAVY DUTY INLET FILTER)

MODEL	WORKING PRESSURE			
	100 PSI	125 PSI	150 PSI	175 PSI
R/S 40, 40E	VGC540	<	<	<
R/S 50, 50E	VGC540	<	<	<

KIT INCLUDES:

- (1) SEPARATOR ELEMENT
- (4) OIL FILTER ELEMENTS
- (2) HD MAIN ELEMENTS
- (2) HD SAFETY ELEMENTS

8,000 HOUR KIT

MODEL	WORKING PRESSURE			
	100 PSI	125 PSI	150 PSI	175 PSI
R/S 40, 40E	VGB506	<	<	<
R/S 50, 50E	VGB506	<	<	<

KIT INCLUDES:

- (2) SEPARATOR ELEMENT
- (8) OIL FILTER ELEMENTS
- (4) AIR FILTER ELEMENTS

8,000 HOUR KIT (FOR UNITS WITH HEAVY DUTY INLET FILTER)

MODEL	WORKING PRESSURE			
	100 PSI	125 PSI	150 PSI	175 PSI
R/S 40, 40E	VGf512	<	<	<
R/S 50, 50E	VGf512	<	<	<

KIT INCLUDES:

- (2) SEPARATOR ELEMENT
- (8) OIL FILTER ELEMENTS
- (4) HD MAIN ELEMENTS
- (4) HD SAFETY ELEMENTS

12,000 HOUR KIT

MODEL	WORKING PRESSURE			
	100 PSI	125 PSI	150 PSI	175 PSI
R/S 40, 40E	VGd539	<	VGd540	VGd539
R/S 50, 50E	VGd541	<	<	<

KIT INCLUDES:

- (3) SEPARATOR ELEMENT
- (12) OIL FILTER ELEMENTS
- (6) AIR FILTER ELEMENTS
- (1) INLET VALVE KIT
- (1) THERMO BY-PASS VALVE KIT
- (1) MINIMUM PRESSURE VALVE KIT
- (1) SET OF "V" BELTS

ROUTINE MAINTENANCE KITS (CON'T)

12,000 HOUR KIT (FOR UNITS WITH HEAVY DUTY INLET FILTER)

MODEL	WORKING PRESSURE			
	100 PSI	125 PSI	150 PSI	175 PSI
R/S 40, 40E	VG584	<	VG585	VG584
R/S 50, 50E	VG586	<	<	<

KIT INCLUDES:

- (3) SEPARATOR ELEMENT
- (12) OIL FILTER ELEMENTS
- (6) AIR FILTER ELEMENTS
- (6) FILTER ELEMENT SAFETY
- (1) INLET VALVE KIT
- (1) THERMO BY-PASS VALVE KIT
- (1) MINIMUM PRESSURE VALVE KIT
- (1) SET OF "V" BELTS

NOTES

NOTES

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