



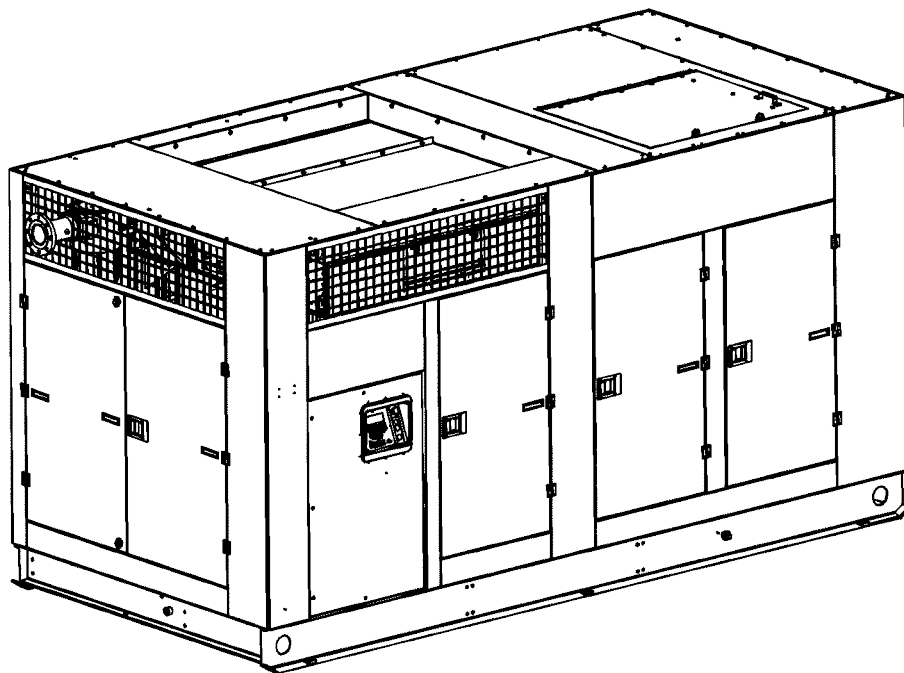
PARTS LIST MANUAL

INDUSTRIAL ROTARY SCREW AIR COMPRESSOR

TS32S

400-600HP/298-447Kw

AIR-COOLED & WATER-COOLED
STANDARD AND 24KT



WARRANTY NOTICE

Failure to follow the instructions
and procedures in this manual or,
misuse of this equipment will
VOID its warranty!

PART NUMBER:

02250184-896 R00

**KEEP FOR
FUTURE
REFERENCE**

©SULLAIR CORPORATION

The information in this manual is current
as of its publication date, and applies to
compressor **serial number**:

200906010000

and all subsequent serial numbers.



AIR CARE SEMINAR TRAINING

Sullair Air Care Seminars are courses that provide hands-on instruction for the proper operation, maintenance, and servicing of Sullair products. Individual seminars on Industrial compressors and compressor electrical systems are offered at regular intervals throughout the year at Sullair's corporate headquarters training facility located at Michigan City, Indiana.

Instruction includes training on the function and installation of Sullair service parts, troubleshooting common faults and malfunctions, and actual equipment operation. These seminars are recommended for maintenance, contractor maintenance, and service personnel.

For detailed course outlines, schedule, and cost information contact:

SULLAIR CUSTOMER CARE TRAINING DEPARTMENT

1-888-SULLAIR or
219-879-5451 (ext. 5623)
www.sullair.com

- Or Write -

Sullair Corporation
3700 E. Michigan Blvd.
Michigan City, IN 46360
Attn: Service Training Department.

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1.1 PROCEDURE FOR ORDERING PARTS

Parts should be ordered from the nearest Sullair Representative or the Representative from whom the compressor was purchased. If for any reason parts cannot be obtained in this manner, contact the factory directly at the address, phone numbers or fax numbers below.

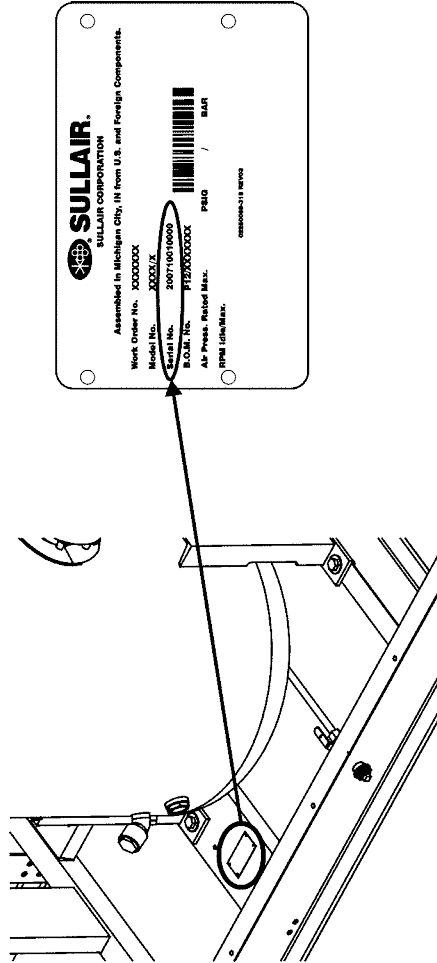
When ordering parts always indicate the Serial Number of the compressor. This can be obtained from the Bill of Lading for the

compressor or from the Serial Number Plate located on the compressor. See *Figure 1-1: Serial Plate / Serial Number Location*.

The genuine Sullair service parts listed meet or exceed the demands of this compressor. Use of replacement parts other than those approved by Sullair Corporation may lead to hazardous conditions over which Sullair Corporation has no control. Such conditions include, but are not limited to, bodily injury and compressor failure.

SULLAIR CORPORATION 3700 East Michigan Boulevard Michigan City, Indiana 46360 U.S.A www.sullair.com Telephone: 1-800-SULLAIR (U.S.A. only) Fax: 219-874-1273 CUSTOMER CARE for PARTS and SERVICE 1-888-SULLAIR (785-5247) 219-874-1835	SULLAIR ASIA, LTD. Sullair Road, No. 1 Chiwan, Shekuo Shenzhen, Guangdong PRV. PRC POST CODE 518068 Telephone: 755-6851686 Fax: 755-6853473 www.sullair-asia.com	SULLAIR EUROPE, S.A. Zone Des Granges BP 82 42602 Montbrison, France Telephone: 33-477968470 Fax: 33-477968499 www.sullaireurope.com	CHAMPION COMPRESSORS, LTD. Princess Highway Hallam, Victoria 3803 Australia Telephone: 61-3-9796-4000 Fax: 61-3-9703-8053 www.championcompressors.com.au
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Figure 1-1: Serial Plate / Serial Number Location



RECOMMENDED SERVICE PARTS LIST

1.2 RECOMMENDED SERVICE PARTS LIST

KEY NO.	ORDER PART NO.	QTY	DESCRIPTION	NOTE
Kits				
1	02250135-149	1	element for 18" diameter air filter 250006-718 (primary)	
2	250007-839	1	element for 18" diameter air filter 250006-718 (secondary)	
3	02250126-352	1	element for separator with gaskets 02250126-325 (primary)	
4	02250126-355	1	element for separator with gaskets 02250126-331 (secondary)	
5	02250139-996	1	replacement kit for fluid filter 02250121-638	
6	001680	1	repair kit for fluid stop valve 02250122-004	
7	001684	1	seal kit for fluid stop valve 02250122-004	
8	02250120-957	1	repair kit for thermal valve (170°) 02250120-955	
9	02250127-963	1	repair kit for thermal valve (195°) 02250127-962	
10	048409	1	repair kit for regulator valve 045099	
11	048409	1	repair kit for regulator valve 048059	
12	001667	1	repair kit for blowdown valve 409783	
13	02250112-031	1	repair kit for control air filter 02250112-032	
14	02250117-782	1	repair kit for filter assembly 02250117-782	
15	250020-353	1	repair kit for Sullicon Control 011682-003	
16	02250160-745	1	repair kit for solenoid valve 02250125-657	
17	02250125-861	1	replacement coil for solenoid valve 02250125-657	
18	02250160-737	1	repair kit for solenoid valve 02250125-679	
19	02250125-861	1	replacement coil for solenoid valve 02250125-679	
20	250028-693	1	repair kit for pressure regulator valve 408275	
21	041742	1	repair kit for pressure regulator valve 406929	
22	02250121-257	1	replacement gasket for water separator/trap no. 250007-799	
23	02250050-633	1	repair kit for minimum pressure valve 02250050-630	
24	608311-001	1	diaphragm repair kit for spiral valve air cylinder 250016-183	
25	02250182-947	1	repair kit for zero-loss drain 02250182-548	
26	02250182-571	1	repair kit for service valve 02250182-545	
27	067329-001	1	repair kit for shaft seal	
28	250042-649	1	o-ring for 2 1/2 -12 SAE tube fittings	
29	826502-245	1	o-ring for 4" SAE minimum pressure outlet	

PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR

PARTS LIST

KEY NO.	ORDER PART NO.	QTY	DESCRIPTION	NOTE
Fluids				
30	250022-669	-	compressor Sullube fluid (5 gallons)	
31	02250051-153	-	compressor 24KT fluid (5 gallons)	
32	250029-008	-	compressor CP-4600-32-F fluid (5 gallons)	
Enclosure Door handles (replacement parts for these panel doors):				
33	02250120-349	(per door)	pnl, access assy 30 x 57" TS32A 02250130-227	(II)
34	02250126-149	(per door)	pnl, access assy 30 x 57" TS32S w/ padlock latch 02250134-175	(III)
35	02250135-276	(per door)	pnl, access assy 30 x 57" TS32S w/ qtr trn latches 02250134-180	(IV)
O-Rings				
36	250042-649	1	O-ring for all fluid piping and cooler connections 2 1/2-12 SAE	
37	250042-648	1	O-ring for sump sight glass 1 7/8-12 SAE	
38	250042-647	1	O-ring for Sump tank fill plug 1 5/8-12 SAE	
39	250042-645	1	O-ring for sump drain line connections 1 1/16-12 SAE	
40	826502-245	1	O-ring for discharge hose 4" Split Flange	
41	826502-115	1	O-ring for moisture separator drn port 1/2 BSPP	

(II) Padlockable lever-action latch.

(III) Pocket snap-in handle.

(IV) Canopy quarter-turn latch.



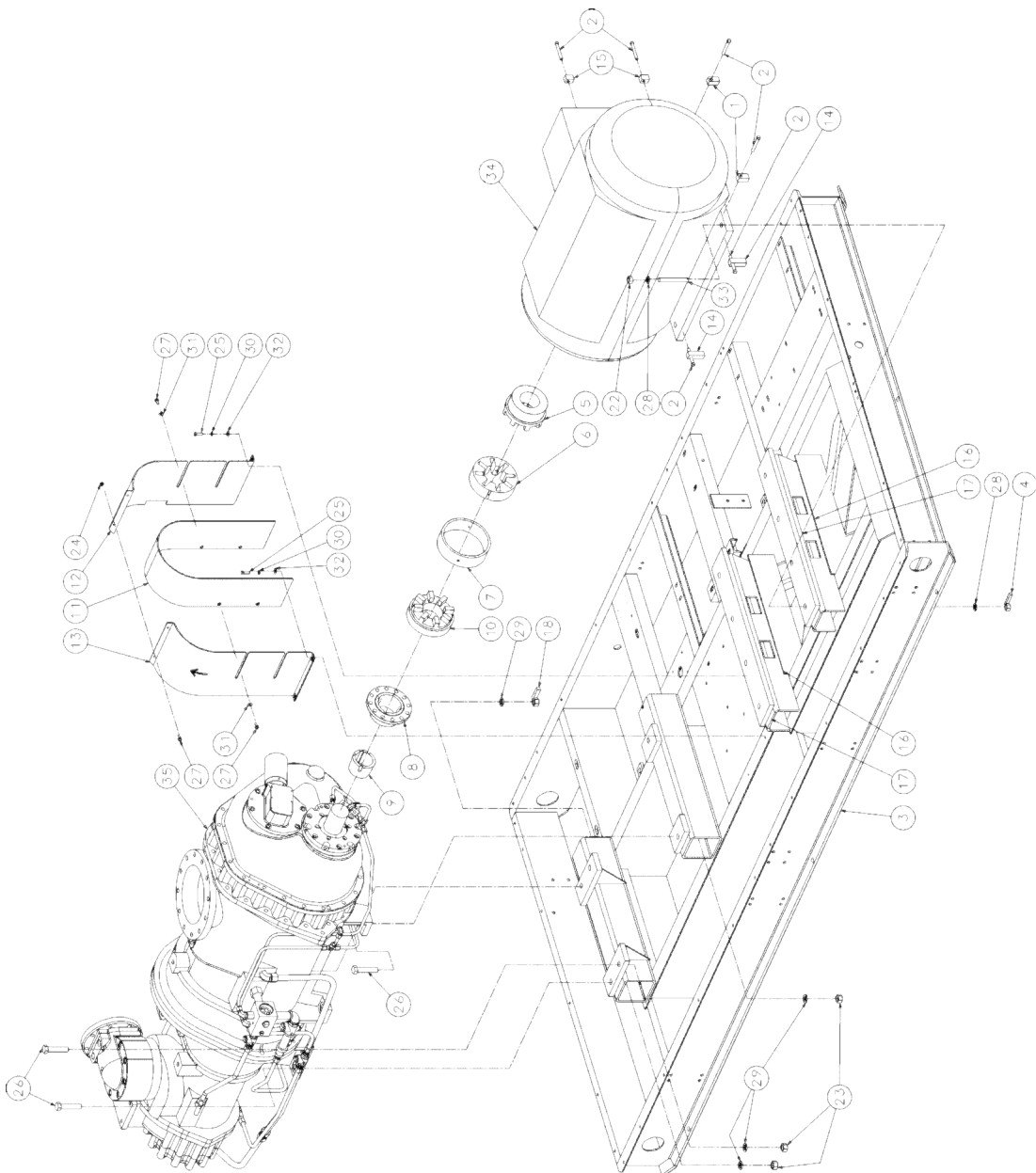
CAUTION

Sullair standard compressors are filled with Sullube fluid as factory fill.

Mixing of other lubricants within the compressor unit will void all warranties.

PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR

1.3 COMPRESSOR FRAME AND DRIVE—GEAR DRIVEN



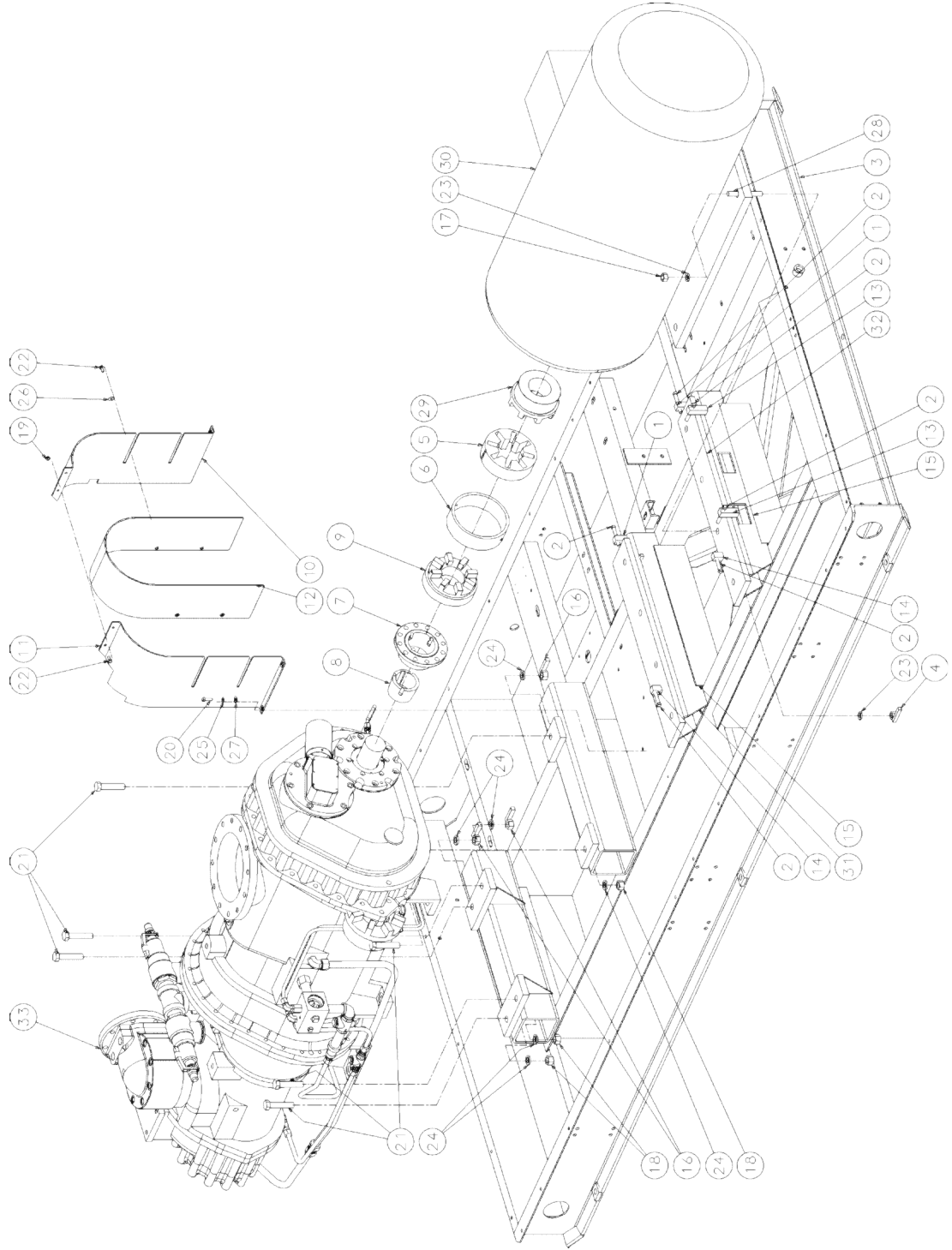
02250135-723 R06

1.3 COMPRESSOR FRAME AND DRIVE—GEAR DRIVEN

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250059-262	2	block,motor adjust base 2"	
2	02250112-193	6	screw,sqhd 0.5 x 3.5 cup set pt	
3	02250125-491	1	frame, main ts32-400	
4	02250135-358	4	nut,assy compr mtg 32/25	
5	02250152-650	1	hub, coupling 3.625 bore 50r	
6	02250152-674	1	element,cplg 50r	
7	02250152-681	1	cover,cplg element 50r	
8	02250152-730	1	hub,taper-lock 40/50/60r	(II)
9	02250152-741	1	bushing,taper-lock 3.25 40/50/60r	
10	02250152-747	1	spacer,taper-lock 50r	
11	02250159-817	1	guard, coupling cntr ts32sc dd/gd adj	
12	02250159-818	1	guard, coupling l.h. ts32sc g.d. adj.	
13	02250159-819	1	guard, coupling rh ts32sc gd adj	
14	222054	2	block, motor adjusting	
15	230450	2	block, motor adjust bse 1-1/2"	
16	250008-139	4	bar,5" x 1/4" x 27-1/4" gusset	
17	250008-221	2	support, mtr 32/25 12.5" 400hp	
18	250024-587	3	nut,assy compr mtg 32/25	
19	250029-330	2	valve, relief 060# 2"x2-1/2"	
20	802415-080	1	tee, pipe straight 2	
21	822232-030	1	nipple,pipe-xs 2 x 3	
22	825212-665	4	nut,hex pltd 3/4-10	
23	825214-776	3	nut,hex pltd 7/8-9	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	825305-283	2	nut,hex f pltd 5/16-18	
25	829106-125	4	capscrew,hex gr5 3/8-16 x 1 1/4	
26	829114-400	6	capscrew,hex gr5 7/8-9 x 4	
27	829705-075	6	screw, hex ser washer 5/16-18 x 3/4	
28	837512-188	8	washer, spr lock 3/4	
29	837514-219	6	washer, spr lock 7/8	
30	837806-094	4	washer, spr lock reg pltd 3/8	
31	838205-071	4	washer, pl-b reg pltd 5/16	
32	838206-071	4	washer, pl-b reg pltd 3/8	
33	843912-055	4	rod, threaded 3/4-10 x 5 1/2	
34	MTR	1	motor,main	(II)
35	VARIOUS	1	compressor,ts32sc - air end - gd sae	(III)
NOTES: (II) This part may vary by machine. Consult factory with machine serial number. (III) There is an exchange program whereby a remanufactured compressor unit can be obtained from Sullair distributors or the factory at less cost than the owner could repair the unit. For information regarding the unit exchange program, contact your nearest Sullair representative or the Sullair Corporation. The shaft seal is not considered part of the compressor unit in regard to the two year warranty. The normal Sullair parts warranty applies. For shaft repairs order repair kit no. 067329-001.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.4 COMPRESSOR FRAME AND DRIVE—DIRECT DRIVE



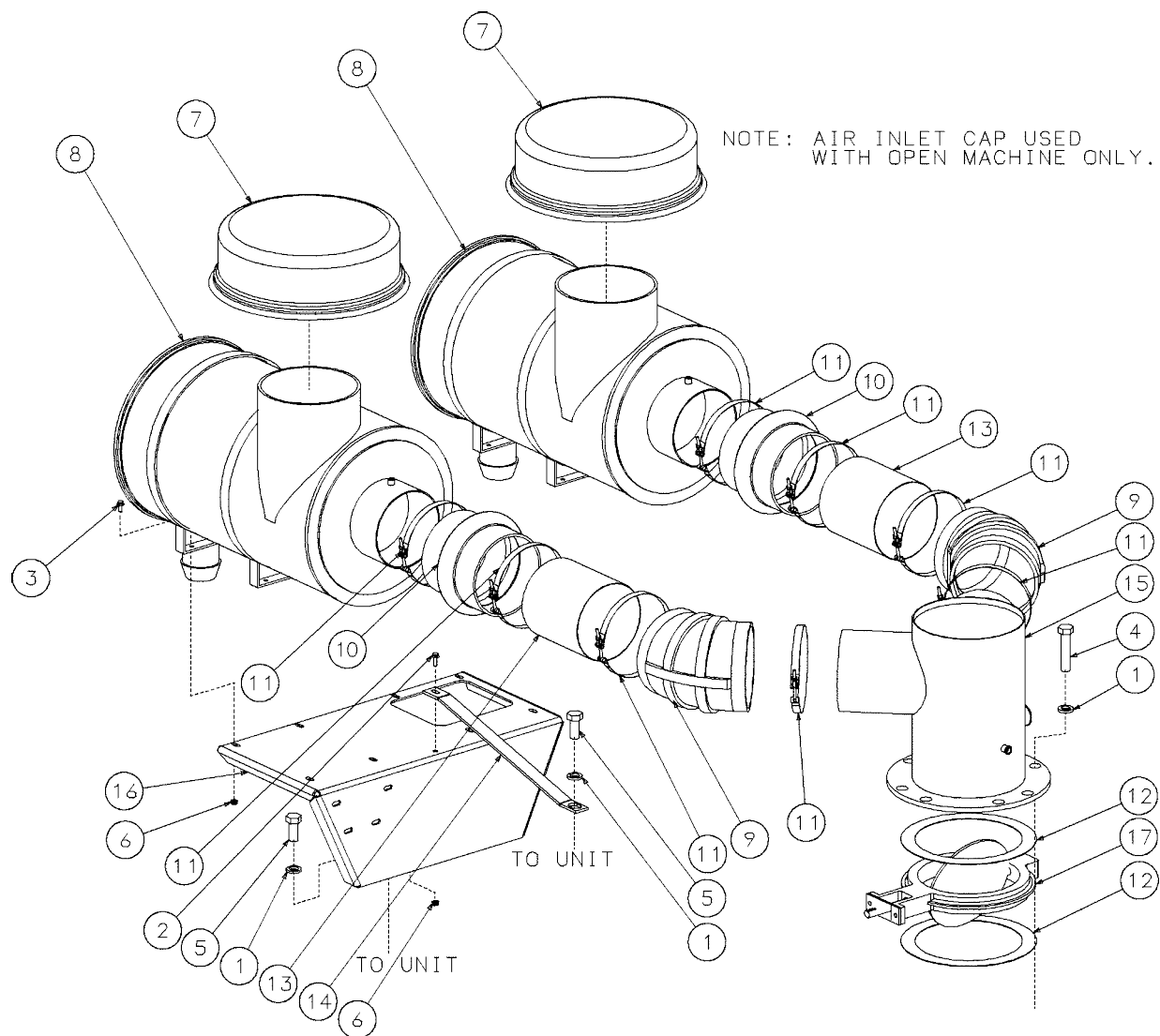
02250136-899 R03

1.4 COMPRESSOR FRAME AND DRIVE—DIRECT DRIVE

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250059-262	2	block,motor adjust base 2"	
2	02250112-193	6	screw,sqhd 0.5 x 3.5 cup set pt	
3	02250125-491	1	frame, main ts32-400	
4	02250135-358	4	nut,assy compr mtg 32/25	
5	02250152-674	1	element,cplg falk 50r	
6	02250152-681	1	cover,cplg element falk 50r	
7	02250152-730	1	hub,taper-lock 2.00 40/50/60r	
8	02250152-741	1	bushing,taper-lock 3.25 falk 40/50/60r	(II)
9	02250152-747	1	spacer,taper-lock falk 50r	
10	02250159-815	1	gd.cplg lh ts32sc dd adj.	
11	02250159-816	1	guard, coupling rh ts32sc dd adj.	
12	02250159-817	1	guard, coupling cntr ts32sc dd/gd adj	
13	222054	2	block, motor adjusting	
14	230450	2	block, motor adjust bse 1-1/2"	
15	250008-139	4	bar,5" x 1/4" x 27-1/4" gusset	
16	250024-587	3	nut,assy compr mtg 32/25	
17	825212-665	4	nut,hex pltd 3/4-10	
18	825214-776	3	nut,hex pltd 7/8-9	
19	825305-283	4	nut,hex f pltd 5/16-18	
20	829106-125	4	capscrew,hex gr5 3/8-16 x 1 1/4	
21	829114-400	6	capscrew,hex gr5 7/8-9 x 4	
22	829705-075	8	screw, hex ser washer 5/16-18 x 3/4	
23	837512-188	8	washer, spr lock 3/4	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	837514-219	6	washer, spr lock 7/8	
25	837806-094	4	washer, spr lock reg pltd 3/8	
26	838205-071	4	washer, pl-b reg pltd 5/16	
27	838206-071	4	washer, pl-b reg pltd 3/8	
28	843912-055	4	rod, threaded 3/4-10 x 5 1/2	
29	HUB,MTR	1	hub, coupling falk 50r	
30	MOTOR	1	motor,ts32s - various hp and type	(II)
31	SUPT_LH	1	ts32s motor support - various	(II)
32	SUPT_RH	1	ts32s motor support - various	(II)
33	UNIT	1	ts32sc - tandem - direct drive	(III)
NOTES:				
(II) This part may vary by machine. Consult factory with machine serial number.				
(III) There is an exchange program whereby a remanufactured compressor unit can be obtained from Sullair distributors or the factory at less cost than the owner could repair the unit. For information regarding the unit exchange program, contact your nearest Sullair representative or the Sullair Corporation. The shaft seal is not considered part of the compressor unit in regard to the two year warranty. The normal Sullair parts warranty applies. For shaft repairs order repair kit no. 067329-001.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.5 AIR INLET SYSTEM

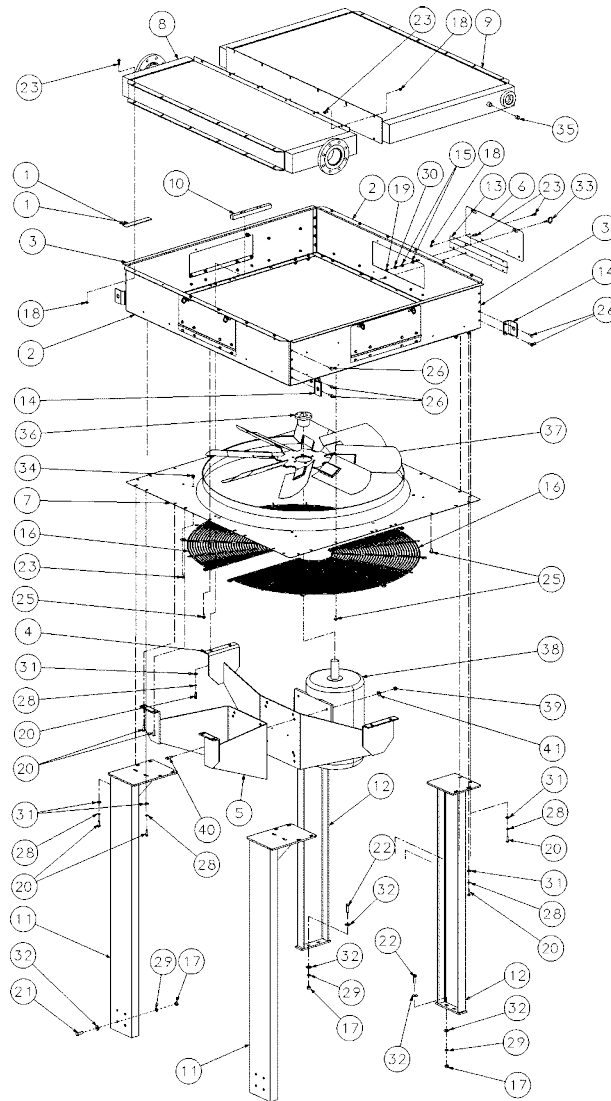


02250135-499 R02

1.5 AIR INLET SYSTEM

KEY NO.	PART NO.	QTY	DESCRIPTION
1	837814-219	11	washer, spr lock reg pltd 7/8
2	829705-100	1	screw, hex ser washer 5/16-18 x 1
3	829705-075	8	screw, hex ser washer 5/16-18 x 3/4
4	829114-400	8	capscrew,hex gr5 7/8-9 x 4
5	829114-200	3	capscrew,hex gr5 7/8-9 x 2
6	825305-283	9	nut,hex f pltd 5/16-18
7	250007-712	2	cap,air inlet 10"
8	250006-718	2	filter, 18" dia air
9	250005-776	2	elbow, rubber 8" x 45 degrees
10	044733	2	hose, hump 8 x 8"
11	043598	8	clamp, hose 8"
12	041079	2	gasket, .06 x 10.5id x 13.25od
13	025068	2	tube,alum air inlet 8"od x 8.5"lg
14	02250133-621	1	support,strap air flt ts32sc
15	02250129-113	1	adapter,ts32sc air inlet
16	02250129-084	1	support, air filter ts32s
17	02250128-060	1	valve,10" inlet btfly ts32sc
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.6 FLUID COOLING SYSTEM- AIR-COOLED 400HP



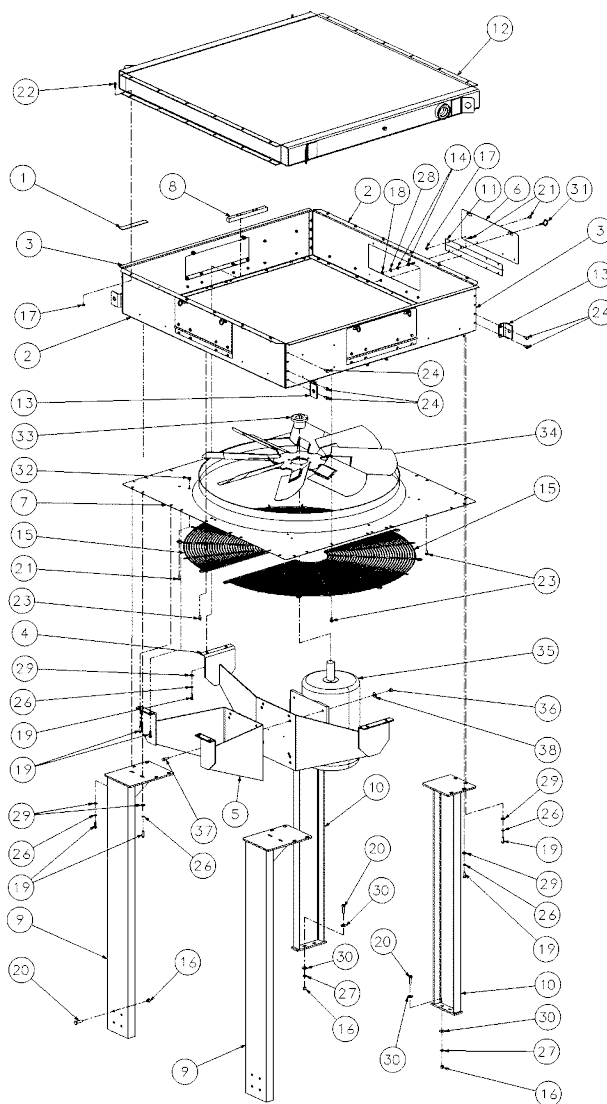
02250137-202 R01

1.6 FLUID COOLING SYSTEM- AIR-COOLED 400HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250058-345	1	strip, weather 1" x 1/8" foam	
2	02250121-117	2	panel, adapter 400hp clr pk	
3	02250121-118	2	panel, adapter 400hp clr pk w/clean	
4	02250121-119	1	saddle, motor supt 300/400hp clr pk	
5	02250121-120	1	support, mtr 300/400hp clr pk	
6	02250121-123	4	plate, clean out cover (I)	
7	02250121-343	1	panel, venturi 48" TS32-300-450	
8	02250122-215	1	cooler, air after 400-450 hp	
9	02250122-217	1	cooler, oil 400-450 hp side x side	
10	02250123-797	3	bar, back-up horizontal clr pk	
11	02250123-834	2	support, cooler TS32A-300/350 intac mtrside	
12	02250123-835	2	support, cooler TS32A-300/350 intac strside	
13	02250125-402	4	hinge, door	
14	02250132-040	4	lug, lifting clr pk - 90deg bend	
15	040125	16	grommet, rubber	
16	241347	2	guard, fan (1600q)	
17	825208-448	12	nut, hex pltd 1/2-13	
18	825305-283	40	nut, hex f pltd 5/16-18	
19	825505-166	8	nut, hex locking 5/16-18	
20	829106-125	28	capscr, hex gr5 3/8-16 x 1 1/4	
21	829108-150	8	capscr, hex gr5 1/2-13 x 1 1/2	
22	829108-175	4	capscr, hex gr5 1/2-13 x 1 3/4	
23	829705-075	38	screw, hex ser washer 5/16-18 x 3/4	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	829705-100	12	screw, hex ser washer 5/16-18 x 1	
25	829706-075	9	screw, hex ser washer 3/8-16 x 3/4	
26	829706-100	16	screw, hex ser washer 3/8-16 x 1	
27	829706-125	1	screw, hex ser washer 3/8-16 x 1 1/4	
28	837806-094	24	washer, spr lock reg pltd 3/8	
29	837808-125	12	washer, spr lock reg pltd 1/2	
30	838205-071	8	washer, pl-b reg pltd 5/16	
31	838206-071	24	washer, pl-b reg pltd 3/8	
32	838208-112	16	washer, pl-b reg pltd 1/2	
33	839105-112	8	eyebolt, 5/16-18 x 1 1/8" pltd	
34	861405-092	10	nut, retainer 5/16-18 .092	
35	866900-020	1	plug, pipe 1/2" 3000# stl plt	
36	-	1	bushing	(II)
37	-	1	fan	(II)
38	-	1	motor	(II)
39	-	4	nut	(II)
40	-	4	screw	(II)
41	-	4	washer	(II)
NOTES:				
(II) This part may vary by machine. Consult factory with machine serial number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.7 FLUID COOLING SYSTEM—AIR-COOLED 500-600HP



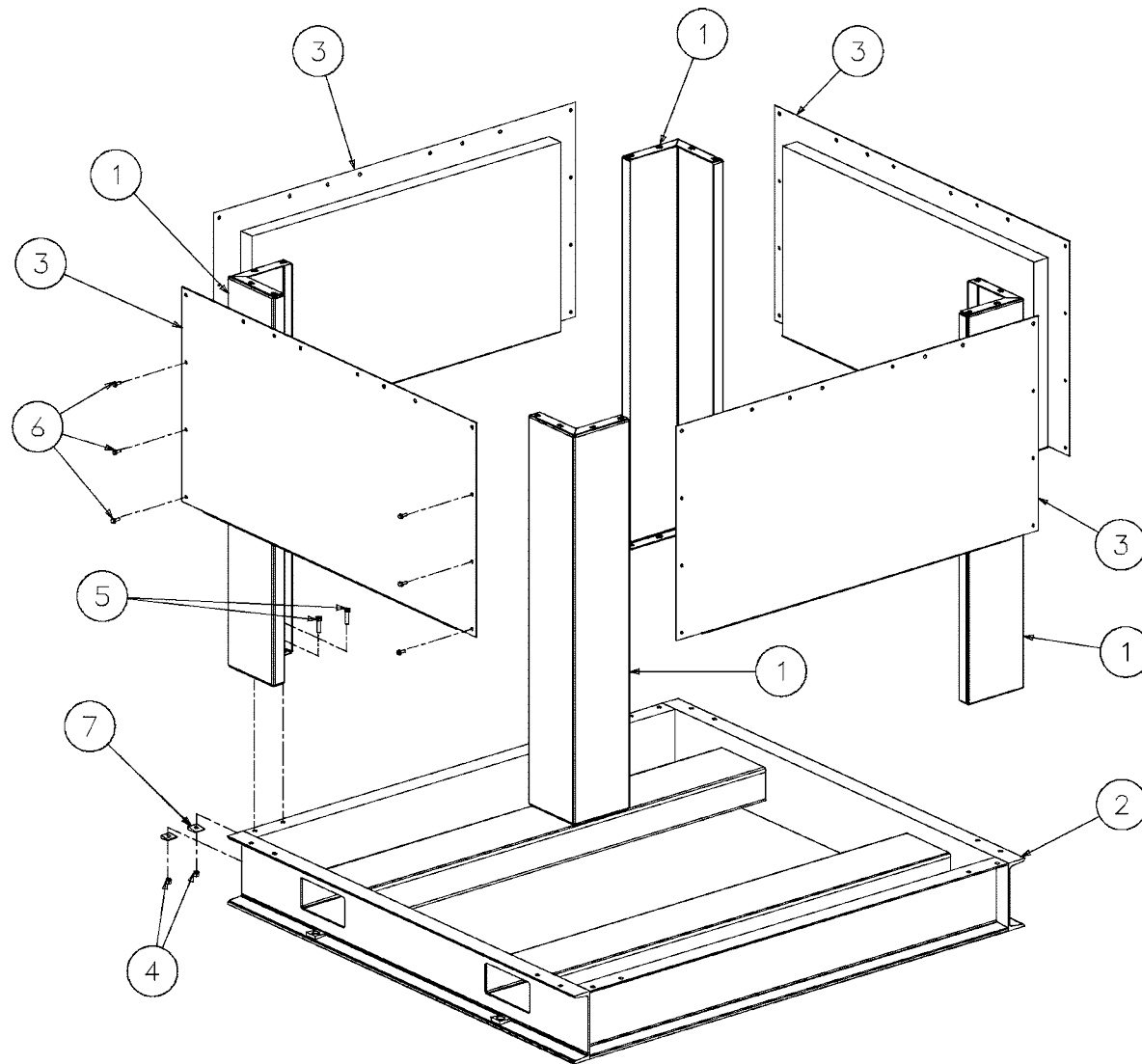
02250132-133 R00

1.7 FLUID COOLING SYSTEM—AIR-COOLED 500-600HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250058-345	1	strip, weather 1" x 1/8" foam	
2	02250121-117	2	panel, adapter 400hp clr pk	
3	02250121-118	2	panel, adapter 400hp clr pk w/clean	
4	02250121-119	1	saddle, motor supt 300/400hp clr pk	
5	02250121-120	1	support, mtr 300/400hp clr pk	
6	02250121-123	4	plate, clean out cover (I)	
7	02250121-343	1	panel, venturi 48" TS32-300-450	
8	02250123-797	3	bar, back-up horizontal clr pk (II)	
9	02250123-834	2	support, cooler TS32A-300/350 intac mtrside (II)	
10	02250123-835	2	support, cooler TS32A-300/350 intac strside	
11	02250125-402	4	hinge, door	
12	02250127-107	1	cooler, oil 600hp	
13	02250132-040	4	lug, lifting clr pk - 90deg bend	
14	040125	16	grommet, rubber	
15	241347	2	guard, fan (1600q)	
16	825208-448	12	nut, hex pltd 1/2-13	
17	825305-283	28	nut, hex f pltd 5/16-18	
18	825505-166	8	nut, hex locking 5/16-18	
19	829106-125	24	capscr, hex gr5 3/8-16 x 1 1/4	
20	829108-175	12	capscr, hex gr5 1/2-13 x 1 3/4	
21	829705-075	26	screw, hex ser washer 5/16-18 x 3/4	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
22	829705-100	12	screw, hex ser washer 5/16-18 x 1	
23	829706-075	5	screw, hex ser washer 3/8-16 x 3/4	
24	829706-100	16	screw, hex ser washer 3/8-16 x 1	
25	829706-125	1	screw, hex ser washer 3/8-16 x 1 1/4	
26	837806-094	20	washer, spr lock reg pltd 3/8	
27	837808-125	4	washer, spr lock reg pltd 1/2	
28	838205-071	8	washer, pl-b reg pltd 5/16	
29	838206-071	20	washer, pl-b reg pltd 3/8	
30	838208-112	8	washer, pl-b reg pltd 1/2	
31	839105-112	8	eyebolt, 5/16-18 x 1 1/8" pltd	
32	861405-092	10	nut, retainer 5/16-18 .092	
33	-	1	bushing	(III)
34	-	1	fan	(III)
35	-	1	motor	(III)
36	-	4	nut	(III)
37	-	4	screw	(III)
38	-	4	washer	(III)
NOTES:				
(III) This part may vary with machine. Consult factory with machine serial number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.8 ENCLOSURE—REMOTE AIR-COOLED

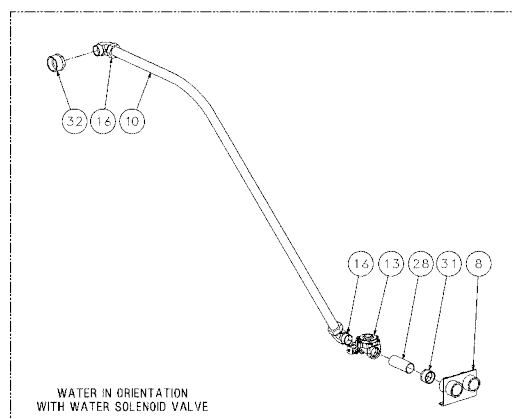
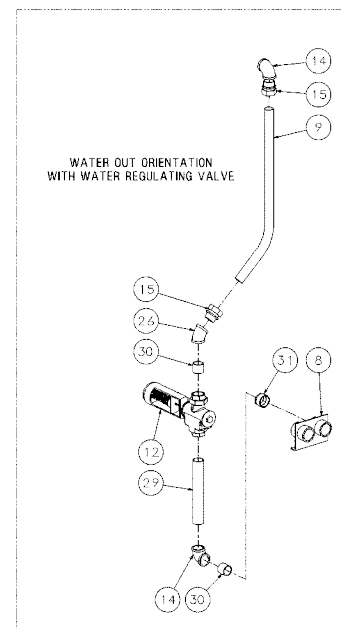
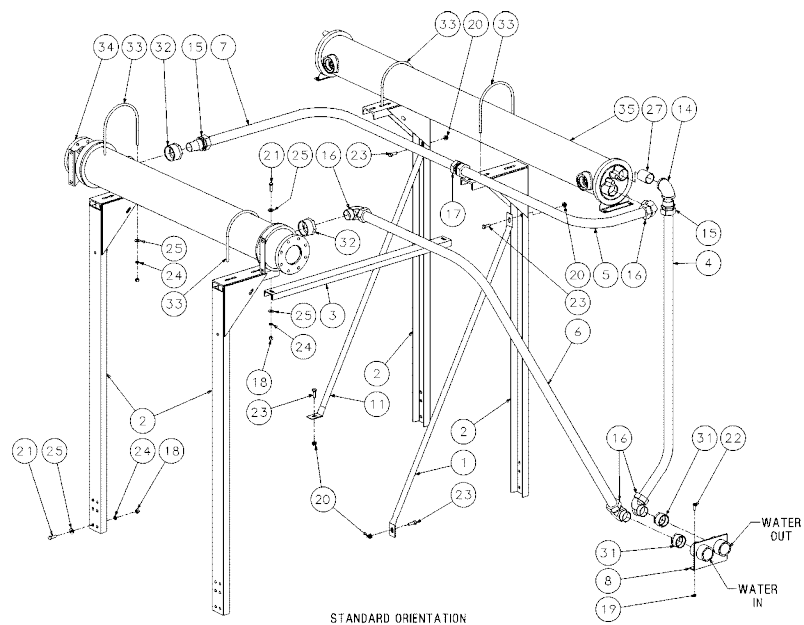


02250135-525 R01

1.8 ENCLOSURE—REMOTE AIR-COOLED

KEY NO.	PART NO.	QTY	DESCRIPTION
1	02250121-121	4	support,corner 300/400hp rem clr
2	02250121-124	1	frame,rem clr 300/400hp
3	02250124-335	4	panel, assembly side 300/400 hp rem clr
4	825506-198	16	nut,hex locking 3/8-16
5	829106-150	16	capscrew,hex gr5 3/8-16 x 1 1/2
6	834504-075	24	screw, self-drill 1/4 x 3/4
7	868706-125	16	washer, bevel 3/8 plt
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.9 WATER PIPING & COOLERS 400-450HP



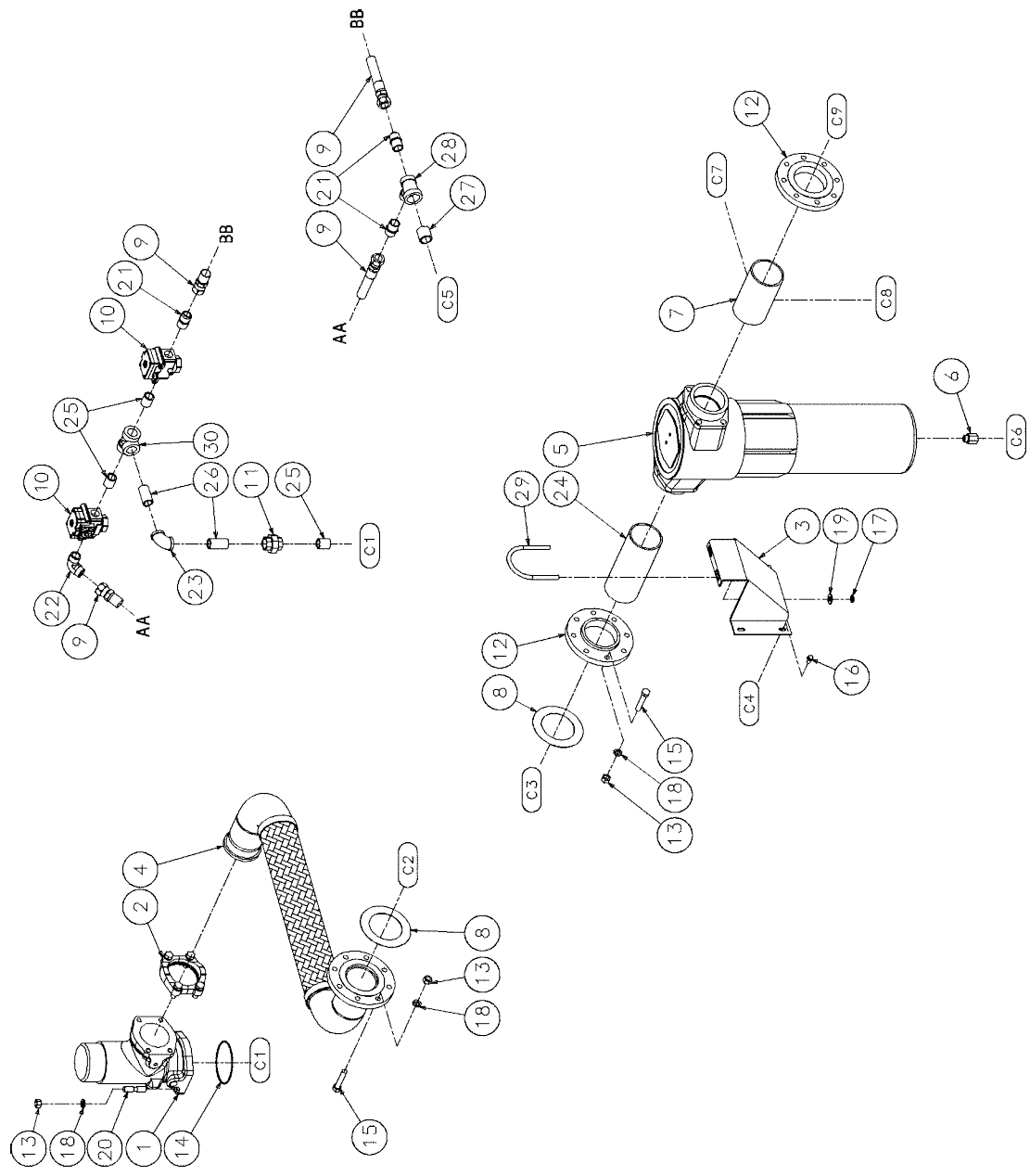
02250137-154 R05

1.9 WATER PIPING & COOLERS 400-450HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250128-850	1	support,wc aftclr/ac discharge pipe	
2	02250129-208	4	support,after cooler ts32-400	
3	02250129-741	1	supt-brace horizontal 400hp wcac	
4	02250132-307	1	tube,wtrout to cust.conn.ts32sc-400wcwc st	
5	02250132-308	1	tube, cooler wtr out to frame ts32s-2"	
6	02250132-361	1	tube,aftclr to fram ts32s	
7	02250132-366	1	tube,aftclr to clr out ts32s-wc	
8	02250133-582	1	support,2-1/2" wtr conn. ts32sc	
9	02250139-676	1	tube,wtrout to wrv ts32sc-400wcwc	
10	02250139-700	1	tube,wtrin from wsv ts32sc-400wcwc	
11	02250140-575	1	support,wc aftclr/ac sumpend ts32sc-400wcac	
12	249970	1	valve,water regulating 2"	
13	408994	1	valve,sol 2wnc 2" 8210g100	
14	803515-080	2	elbow, pipe 90 deg 2"	
15	810232-200	3	connector, tube-m 2 x 2	
16	810532-200	4	elbow, tube 90 deg m 2 x 2	
17	811332-200	1	union,tube hex 2"	
18	825208-448	18	nut,hex pltd 1/2-13	
19	825306-347	2	nut,hex f pltd 3/8-16	
20	825308-458	4	nut,hex f pltd 1/2-13	
21	829108-150	18	capscrew,hex gr5 1/2-13 x 1 1/2	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
22	829706-125	2	screw, hex ser washer 3/8-16 x 1 1/4	
23	829708-150	4	screw, hex ser washer 1/2-13 x 1 1/2	
24	837808-125	26	washer, spr lock reg pltd 1/2	
25	838208-112	28	washer, pl-b reg pltd 1/2	
26	866115-080	1	elbow, pipe 45 deg pltd 2"	
27	866332-030	1	nipple,pipe pltd 2 x 3	
28	866332-060	1	nipple,pipe pltd 2 x 6	
29	866332-150	1	nipple,pipe pltd 2 x 15	
30	866432-000	2	nipple,pipe-xs pltd 2 x cl	
31	867110-080	2	bushing,red pltd 2 1/2 x 2	
32	867112-080	2	bushing,red pltd 3 x 2	
33	868308-800	4	u-bolt,1/2" x 8" pipe pltd	
34	AFTCLR	1	aftercooler - wc	(II)
35	OILCLR	1	oilcooler - wc	(II)
NOTES:				
(II) This part may vary by machine. Consult factory with machine serial number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.10 AIR PIPING & PARTS—A/C 400-450HP



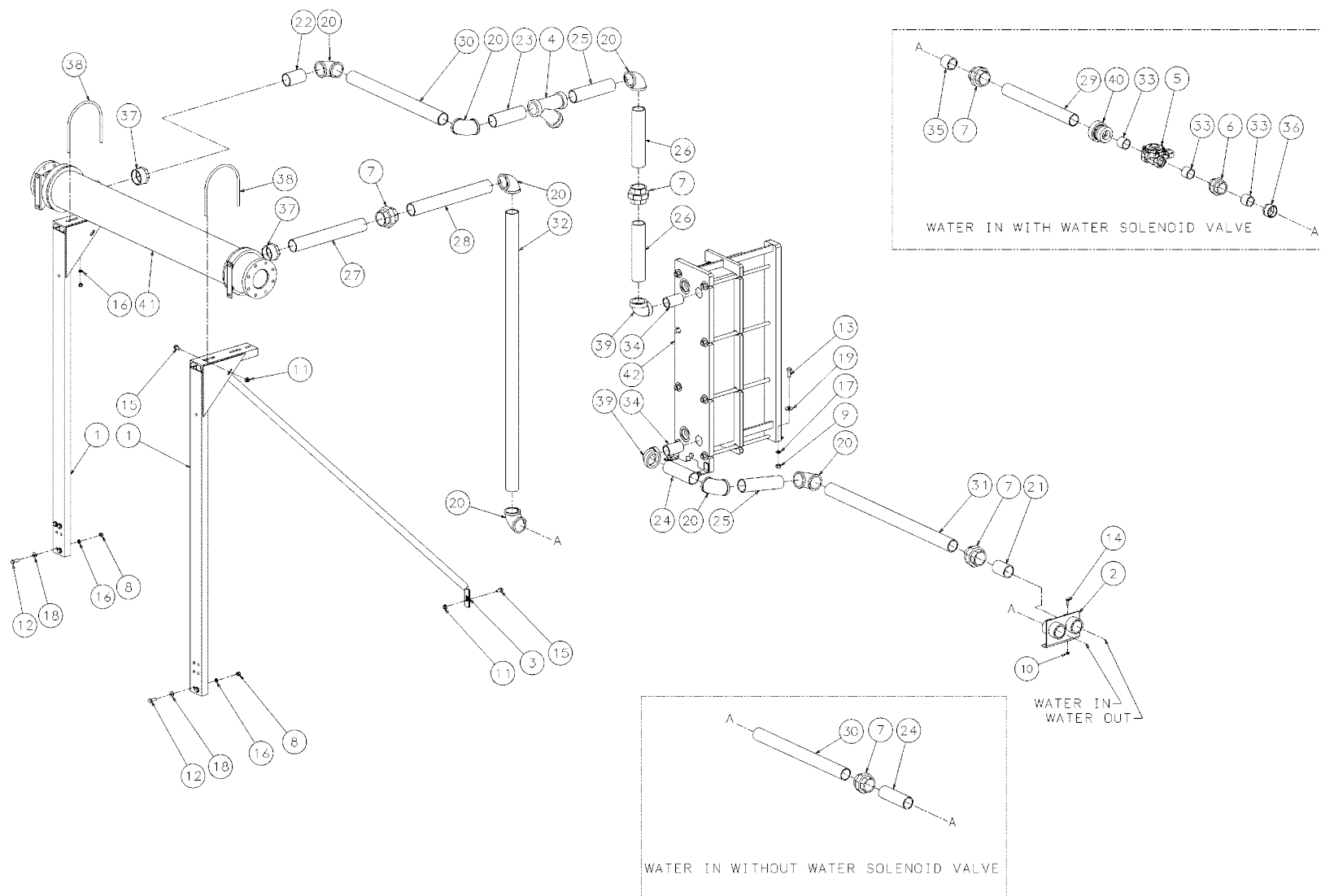
1.10 AIR PIPING & PARTS—A/C 400-450HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250050-630	1	valve, minimum pressure 4" w/ck	(I)
2	02250105-533	1	flange, split 4" sae j518	
3	02250121-831	1	bracket, seperator mount	
4	02250128-897	1	joint, expansion ts32-400intac mpv to clr	
5	02250166-745	1	separator, water scws-2100n 4" l/ad	
6	02250167-603	1	adapter, 1/2m bspp-1/2f npt brass	
7	02250170-110	1	nipple, pipe 4" x 8" w/ 2 ports	
8	240621-010	2	gasket, asa flange 150# 4"	
9	249616-015	2	hose, med press 1.00 x .068"	
10	409783	2	valve, blwdwn 1"nc 2way #c6654	(II)
11	802315-040	1	union, pipe galv 1	
12	819315-064	2	flange, thrd 4" 150# rf	
13	825210-559	20	nut, hex pltd 5/8-11	
14	826502-253	1	o-ring, viton 5 3/8 x 1/8"	
15	829110-325	16	capscrew, hex gr5 5/8-11 x 3 1/4	
16	829706-075	4	screw, hex ser washer 3/8-16 x 3/4	
17	837808-125	2	washer, spr lock reg pltd 1/2	
18	837810-156	20	washer, spr lock reg pltd 5/8	
19	838208-112	2	washer, pl-b reg pltd 1/2	
20	839410-030	4	stud, threaded 5/8-11 x 3	
21	860116-100	3	connector, 37 fl/mpt pltd 1 x 1	
22	860216-100	1	elbow, 37fl 90m 1 x 1	
23	866215-040	1	elbow, pipe 90 deg plt 1"	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	866364-110	1	nipple, pipe pltd 4 x 11	
25	866416-000	3	nipple, pipe-xs plt 1 x cl	
26	866416-025	2	nipple, pipe-xs plt 1 x 2 1/2	
27	866420-000	1	nipple, pipe-xs plt 1 1/4 x cl	
28	867505-044	1	tee, reducing pltd 1 1/4 x 1 x 1	
29	868308-400	1	u-bolt, 1/2" x 4" pipe pltd	
30	868430-040	1	tee, pipe pltd 1	
NOTES:				
(I) For maintenance on minimum pressure check valve no. 02250050-630, order repair kit no. 02250050-633.				
(II) For maintenance on blowdown valve no. 409783, order repair kit no. 001677 (NOTE: quantity of two).				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

C1	FROM SEPARATOR TANK
C2	TO AFTERCOOLER
C3	FROM AFTERCOOLER
C4	TO COOLER PACK VENTURI PANEL
C5	TO 1-1/4" CONNECTION ON AIR INLET
C6	TO MOISTURE DRAIN
C7	P2 CONNECTION
C8	BALANCE LINE FROM SCD DRAIN
C9	PACKAGE AIR OUT

1.11 WATER PIPING—WATER-COOLED PLATE OIL COOLER 500-600HP



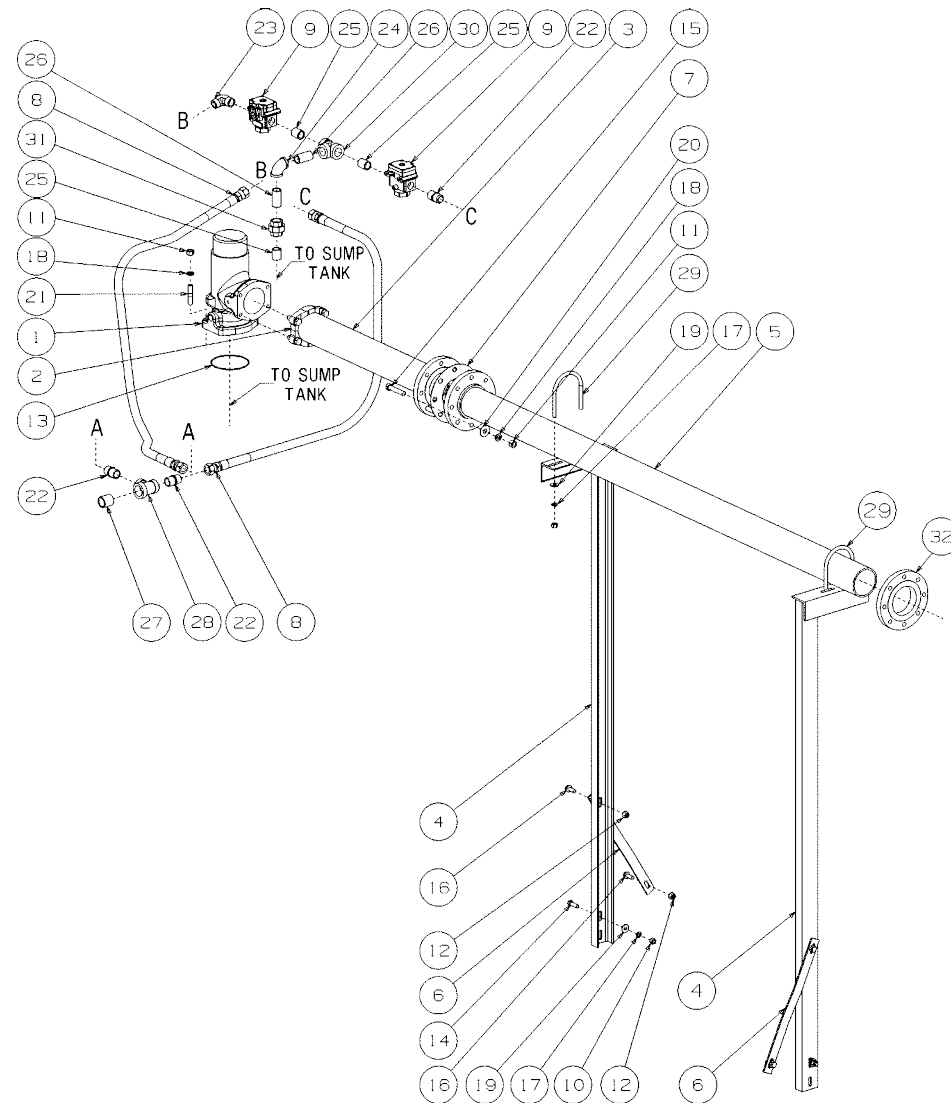
02250137-829 R04

1.11 WATER PIPING—WATER-COOLED PLATE OIL COOLER 500-600HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250129-208	2	support,after cooler ts32-400	
2	02250133-582	1	support,2-1/2" wtr conn. ts32sc	
3	02250133-775	1	support,aftclr brace ts32sc wc	
4	02250141-880	1	strainer,y 2-1/2" npt bronze 20 micron	
5	408994	1	valve,sol 2wnc 2" 8210g100	
6	802315-080	1	union,pipe galv 2	
7	802315-100	4	union,pipe galv 2 1/2	
8	825208-448	8	nut,hex pltd 1/2-13	
9	825210-559	3	nut,hex pltd 5/8-11	
10	825306-347	2	nut,hex f pltd 3/8-16	
11	825308-458	2	nut,hex f pltd 1/2-13	
12	829108-150	8	capscrew,hex gr5 1/2-13 x 1 1/2	
13	829110-150	3	capscrew,hex gr5 5/8-11 x 1 1/2	
14	829706-125	2	screw, hex ser washer 3/8-16 x 1 1/4	
15	829708-100	2	screw, hex ser washer 1/2-13 x 1	
16	837808-125	12	washer, spr lock reg pltd 1/2	
17	837810-156	3	washer, spr lock reg pltd 5/8	
18	838208-112	8	washer, pl-b reg pltd 1/2	
19	838210-112	3	washer, pl-b reg pltd 5/8	
20	866215-100	7	elbow, pipe 90 deg plt 2 1/2"	
21	866340-040	1	nipple,pipe pltd 2 1/2 x 4	
22	866340-045	1	nipple,pipe pltd 2 1/2 x 4 1/2	
23	866340-085	1	nipple,pipe pltd 2 1/2 x 8 1/2	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	866340-090	2	nipple,pipe pltd 2 1/2 x 9	
25	866340-110	2	nipple,pipe pltd 2 1/2 x 11	
26	866340-135	2	nipple,pipe pltd 2 1/2 x 13 1/2	
27	866340-200	1	nipple,pipe pltd 2 1/2 x 20	
28	866340-220	1	nipple,pipe pltd 2 1/2 x 22	
29	866340-245	1	nipple,pipe pltd 2 1/2 x 24 1/2	
30	866340-320	2	nipple,pipe pltd 2 1/2 x 32	
31	866340-430	1	nipple,pipe pltd 2 1/2 x 43	
32	866340-660	1	nipple,pipe pltd 2 1/2 x 66	
33	866432-000	3	nipple,pipe-xs plt 2 x cl	
34	866432-040	2	nipple,pipe-xs plt 2 x 4	
35	866440-000	1	nipple,pipe-xs plt 2 1/2 x cl	
36	867110-080	1	bushing,red pltd 2 1/2 x 2	
37	867112-100	2	bushing,red pltd 3 x 2 1/2	
38	868308-800	2	u-bolt,1/2" x 8" pipe pltd	
39	869210-080	2	elbow, red 2 1/2 x 2 150# plt	
40	873220-016	1	coupling, red 2 1/2 x 2 300# plt	
41	CLR,	1	aftercooler,aftclr 3" npt air/4" wtr flange	(III)
42	CLR,	1	clr,oil plate itt 500/600hp	(III)
NOTES:				
(III) This part may vary by machine. Consult factory with machine serial number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.12 AIR PIPING SYSTEM—AIR-COOLED AND REMOTE-COOLED 500-600HP



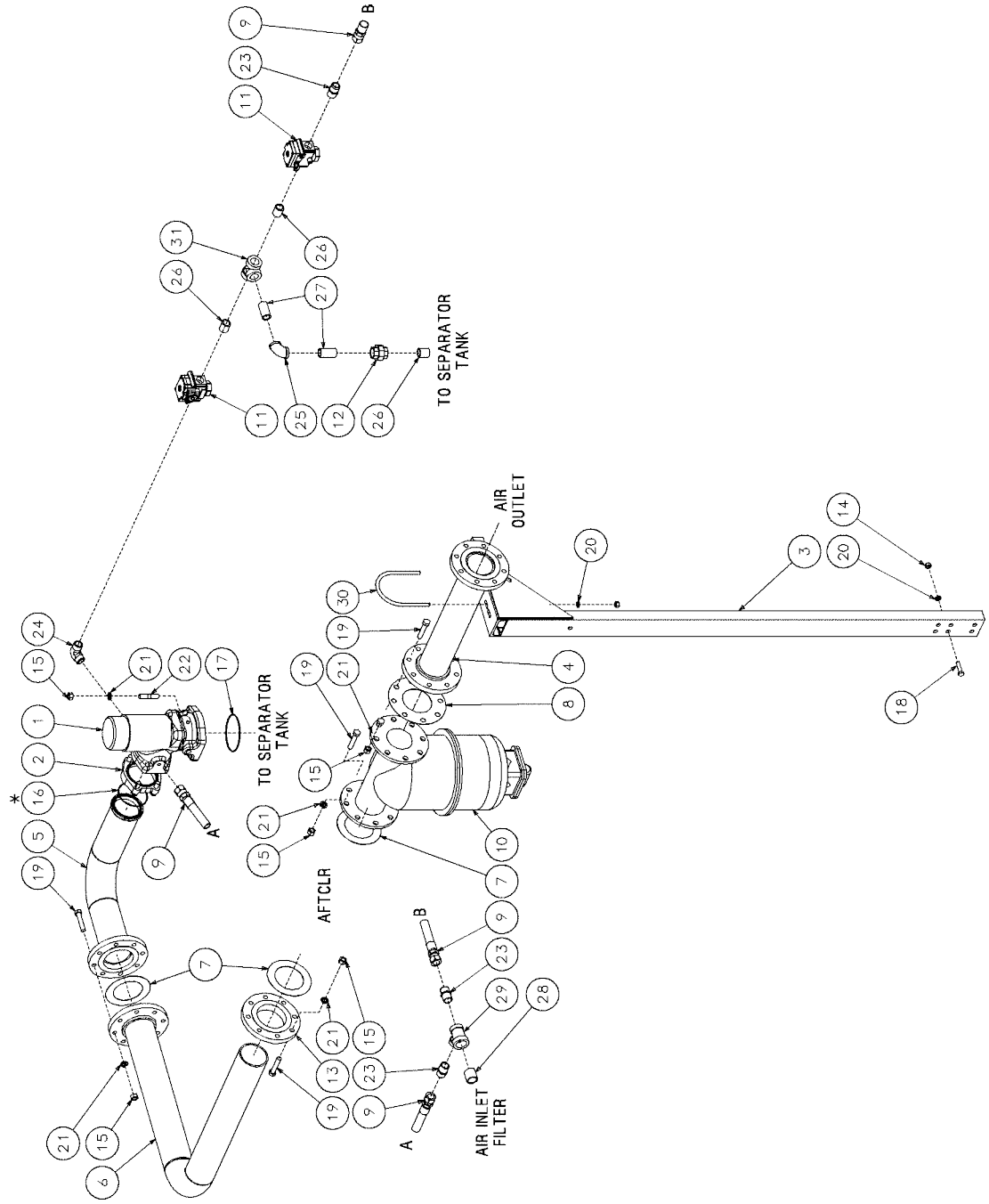
02250136-709 R01

1.12 AIR PIPING SYSTEM—AIR-COOLED AND REMOTE-COOLED 500-600HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250050-630	1	valve, minimum pressure 4" w/ck	(I)
2	02250105-533	1	flange, split 4" sae j518	
3	02250132-702	1	adapter, mpv to tube TS32SC	
4	02250133-191	2	support, discharge pipe TS32SC-600 wc	
5	02250134-054	1	adapter, tube air out TS32SC rc	
6	02250134-066	2	support, air out strap TS32SC 600ac & r	
7	242437-010	1	gasket, 4" 125# flg full face	
8	249616-015	2	hose, med press 1.000 x 068"	
9	409783	2	valve, blwdwn 1"nc 2way #c6654	(II)
10	825208-448	4	nut, hex pltd 1/2-13	
11	825210-559	12	nut, hex pltd 5/8-11	
12	825308-458	4	nut, hex f pltd 1/2-13	
13	826502-253	1	o-ring, viton 5 3/8 x 1/8"	
14	829108-150	4	capscr, hex gr5 1/2-13 x 1 1/2	
15	829110-325	8	capscr, hex gr5 5/8-11 x 3 1/4	
16	829708-125	4	screw, hex ser washer 1/2-13 x 1 1/4	
17	837808-125	8	washer, spr lock reg pltd 1/2	
18	837810-156	12	washer, spr lock reg pltd 5/8	
19	838208-112	8	washer, pl-b reg pltd 1/2	
20	838210-112	8	washer, pl-b reg pltd 5/8	
21	839410-030	4	stud, threaded 5/8-11 x 3	
22	860116-100	3	connector, 37 fl/mpt pltd 1 x 1	
23	860216-100	1	elbow, 37fl 90m 1 x 1	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	866215-040	1	elbow, pipe 90 deg plt 1"	
25	866416-000	3	nipple, pipe-xs plt 1 x cl	
26	866416-025	2	nipple, pipe-xs plt 1 x 2 1/2	
27	866420-000	1	nipple, pipe-xs plt 1 1/4 x cl	
28	867505-044	1	tee, reducing pltd 1 1/4 x 1 x 1	
29	868308-400	2	u-bolt, 1/2" x 4" pipe pltd	
30	868430-040	1	tee, pipe pltd 1	
31	871615-040	1	union, pipe-brs seat 1 150#	
32	-	1	flange, thrd 4" various	(III)
NOTES:				
(I) For maintenance on minimum pressure check valve no. 02250050-630, order repair kit no. 02250050-633.				
(II) For maintenance on blowdown valve no. 409783, order repair kit no. 001677 (NOTE: quantity of two).				
(III) This part may vary by machine. Consult factory with machine serial number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.13 AIR PIPING WATER-COOLED 400HP



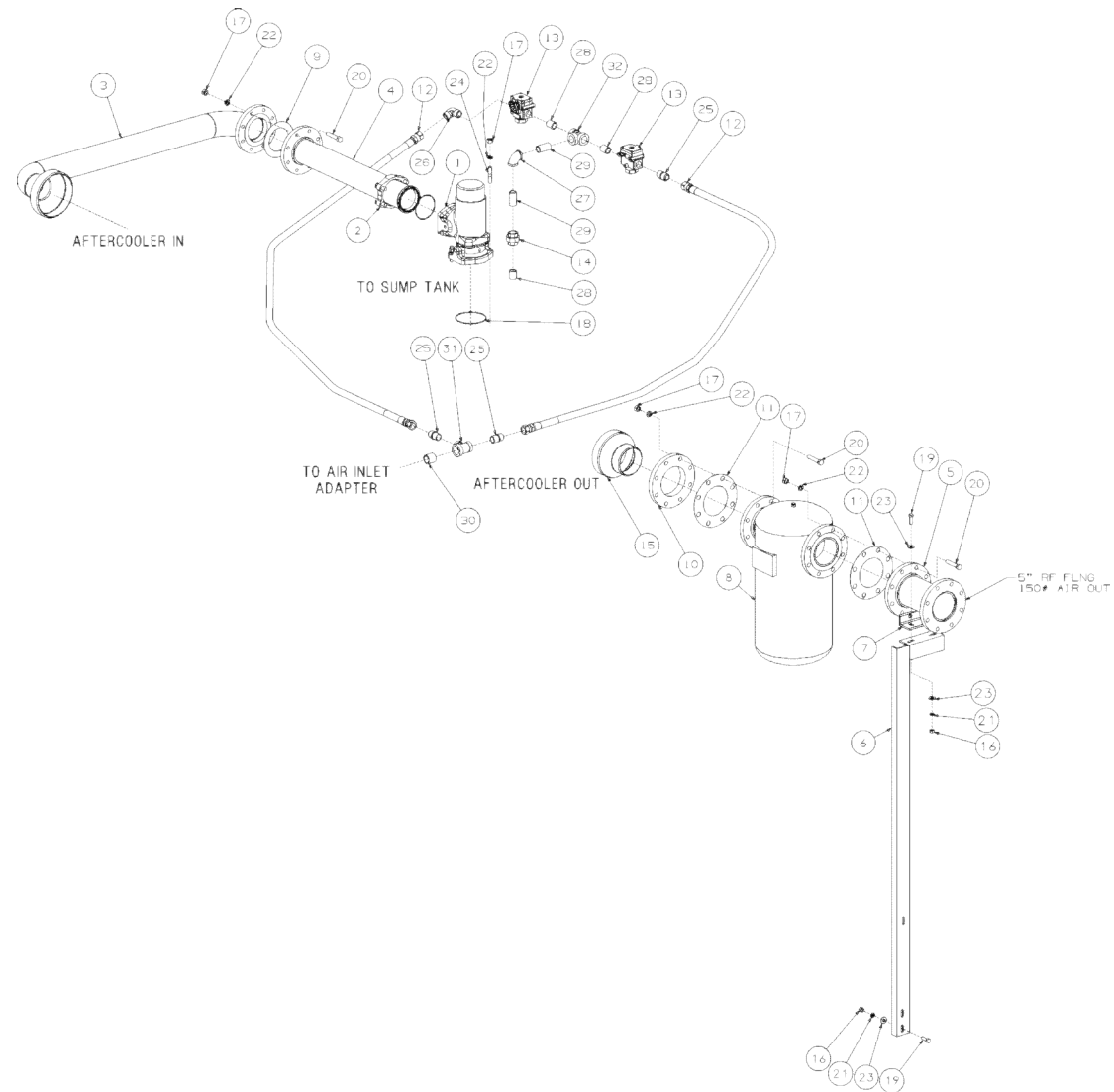
02250140-651 R01

1.13 AIR PIPING WATER-COOLED 400HP

KEY NO.	PART NO.	QTY	DESCRIPTION
1	02250050-630	1	valve, minimum pressure 4" w/ck
2	02250105-533	1	flange, split 4" sae j518
3	02250129-208	1	support, after cooler ts32-400
4	02250139-474	1	spool, airout ts32sc-400wcac
5	02250140-562	1	adaptor, mpv ts32sc-400wc remote air
6	02250140-563	1	adapter, aftercooler ts32sc-400wc remote air
7	240621-010	3	gasket, asa flange 150# 4"
8	242437-010	1	gasket, 4" 125# flg full face
9	249616-015	2	hose, med press 1.00 x .068"
10	250000-511	1	separator, 4" comb trap-4st
11	409783	2	valve, blwdwn 1"nc 2way #c6654
12	802315-040	1	union, pipe galv 1
13	819215-064	1	flange, slp-on 4" 150#
14	825208-448	6	nut, hex pltd 1/2-13
15	825210-559	28	nut, hex pltd 5/8-11
16	826502-245	1	o-ring, viton 4 3/8 x 1/8"
17	826502-253	1	o-ring, viton 5 3/8 x 1/8"
18	829108-200	4	capscrew, hex gr5 1/2-13 x 2
19	829110-325	24	capscrew, hex gr5 5/8-11 x 3 1/4
20	837808-125	6	washer, spr lock reg pltd 1/2
21	837810-156	28	washer, spr lock reg pltd 5/8
22	839410-030	4	stud, threaded 5/8-11 x 3
23	860116-100	3	connector, 37 fl/mpt pltd 1 x 1
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

KEY NO.	PART NO.	QTY	DESCRIPTION
24	860216-100	1	elbow, 37fl 90m 1 x 1
25	866215-040	1	elbow, pipe 90 deg plt 1"
26	866416-000	3	nipple, pipe-xs plt 1 x cl
27	866416-025	2	nipple, pipe-xs plt 1 x 2 1/2
28	866420-000	1	nipple, pipe-xs plt 1 1/4 x cl
29	867505-044	1	tee, reducing pltd 1 1/4 x 1 x 1
30	868308-500	1	u-bolt, 1/2" x 5" pipe pltd
31	868430-040	1	tee, pipe pltd 1
* O-RING SUPPLIED WITH SPLIT FLANGE #02250105-533.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.14 AIR PIPING—WATER-COOLED 500-600HP



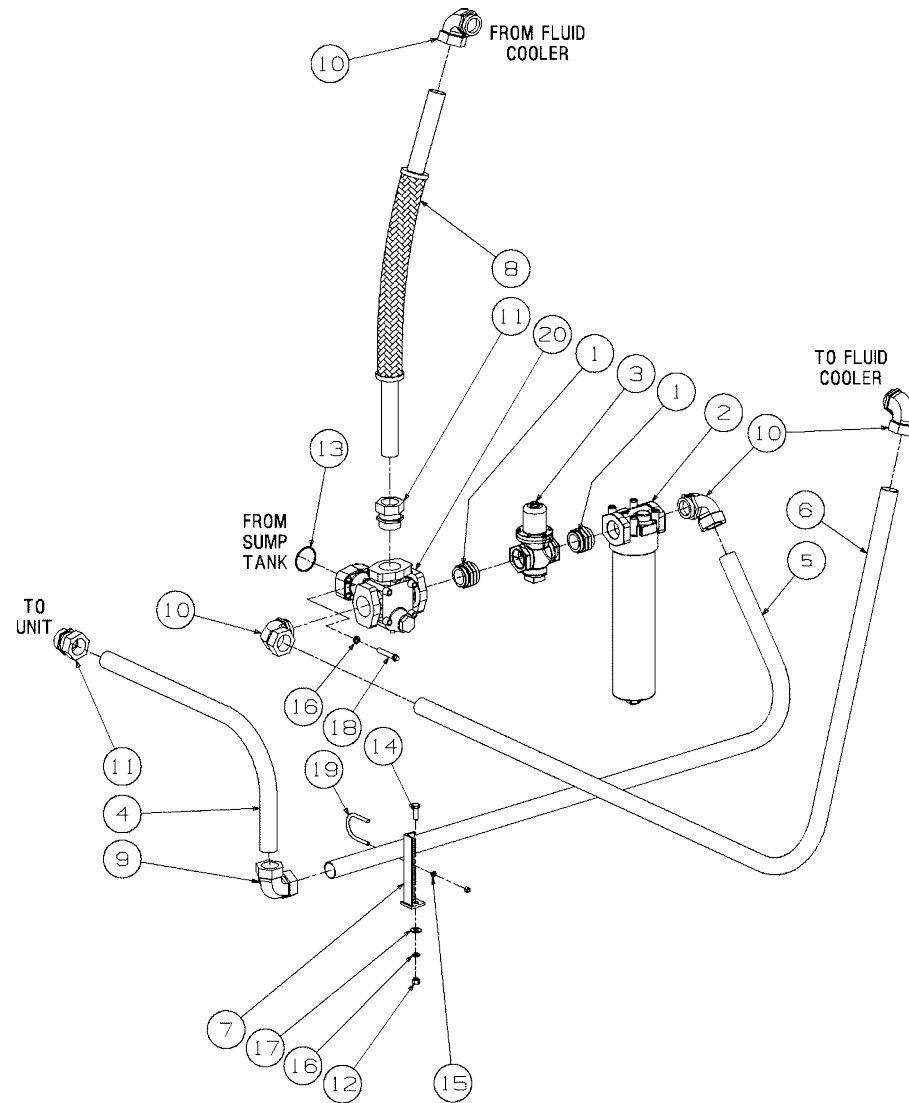
02250137-341 R05

1.14 AIR PIPING—WATER-COOLED 500-600HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250050-630	1	valve, minimum pressure 4" w/ck	(I)
2	02250105-533	1	flange, split 4" sae j518	
3	02250132-497	1	pipe, mpv to aftrclr ts32s	
4	02250132-702	1	adapter, mpv to tube ts32sc	
5	02250137-267	1	tube, adapt ts32sc rc/ac 500/600	
6	02250142-925	1	support, discharge pipe ts32sc-500/600 wc	
7	02250142-926	1	angle, adjustment ts32sc-500/600wc suppor	
8	02250159-782	1	separator, water 5" flanged	
9	240621-010	1	gasket, asa flange 150# 4"	
10	242319-011	1	flange, slip-on flt face 5"	
11	242437-011	2	gasket, 5" 125# flg full face	
12	249616-015	4	hose, med press 1.00 x .068"	
13	409783	2	valve, blwdwn 1"nc 2way #c6654	(II)
14	802315-040	1	union, pipe galv 1	
15	819932-050	1	reducer, wld 8 x 5 std	
16	825208-448	4	nut, hex pltd 1/2-13	
17	825210-559	28	nut, hex pltd 5/8-11	
18	826502-253	1	o-ring, viton 5 3/8 x 1/8"	
19	829108-150	4	capscrew, hex gr5 1/2-13 x 1 1/2	
20	829110-325	24	capscrew, hex gr5 5/8-11 x 3 1/4	
21	837808-125	4	washer, spr lock reg pltd 1/2	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
22	837810-156	28	washer, spr lock reg pltd 5/8	
23	838208-112	6	washer, pl-b reg pltd 1/2	
24	839410-030	4	stud, threaded 5/8-11 x 3	
25	860116-100	3	connector, 37 fl/mpt pltd 1 x 1	
26	860216-100	1	elbow, 37fl 90m 1 x 1	
27	866215-040	1	elbow, pipe 90 deg plt 1"	
28	866416-000	3	nipple, pipe-xs plt 1 x cl	
29	866416-025	2	nipple, pipe-xs plt 1 x 2 1/2	
30	866420-000	1	nipple, pipe-xs plt 1 1/4 x cl	
31	867505-044	1	tee, reducing pltd 1 1/4 x 1 x 1	
32	868430-040	1	tee, pipe pltd 1	
NOTES:				
(I) For maintenance on minimum pressure check valve no. 02250050-630, order repair kit no. 02250050-633.				
(II) For maintenance on blowdown valve no. 409783, order repair kit no. 001677 (NOTE: quantity of two).				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.15 FLUID PIPING SYSTEM—AIR-COOLED 400HP



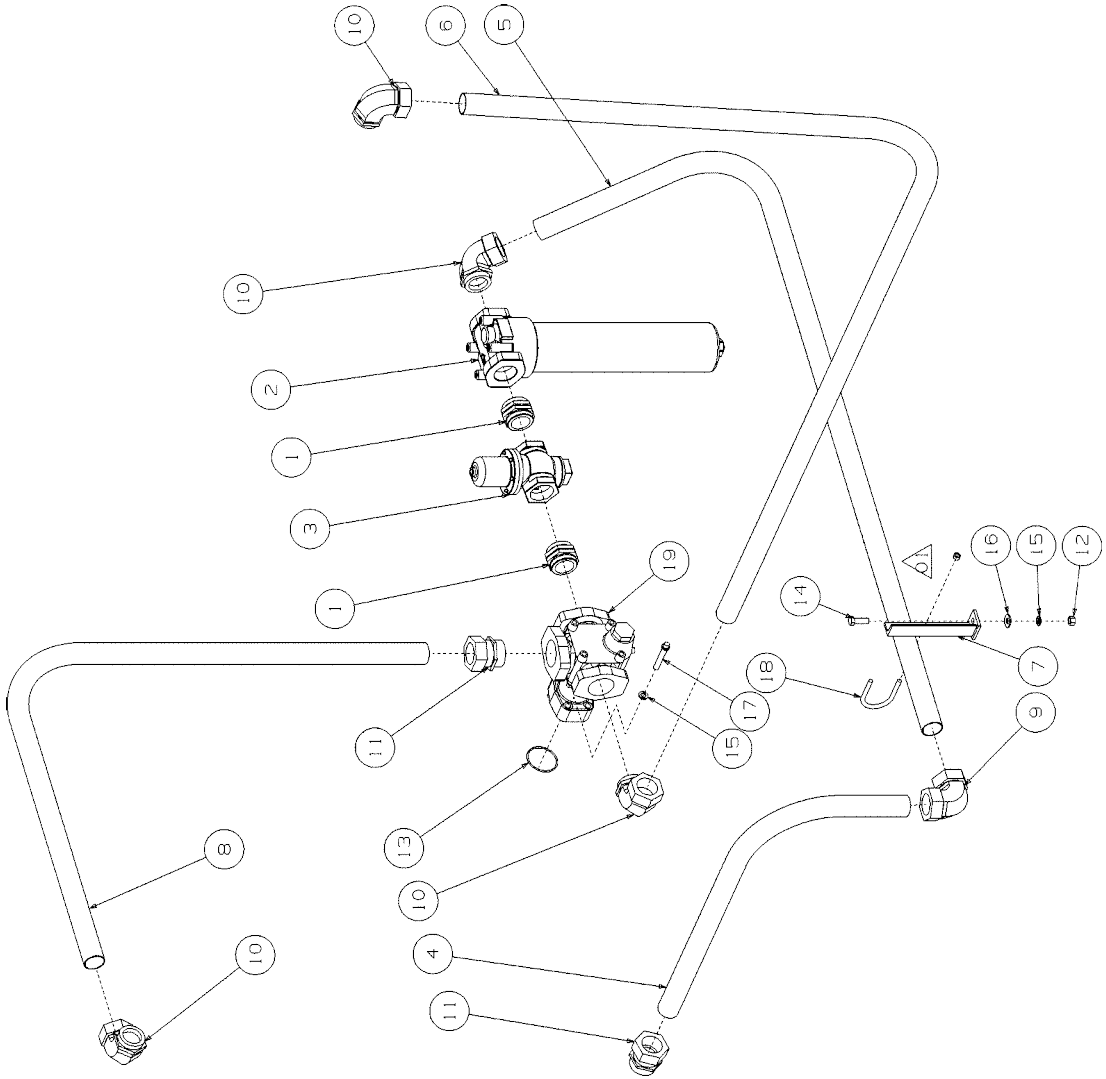
02250137-118 R01

1.15 FLUID PIPING SYSTEM—AIR-COOLED 400HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250110-661	2	adapter, sae 2-1/2-12 x 2-1/2-12	
2	02250121-638	1	filter, 2 1/2-12 sae coreless 80cn-2	(I)
3	02250122-004	1	valve, oil stop 2.5" sae	(II)
4	02250132-287	1	tube, unit to filter ts32 2"	
5	02250132-288	1	tube,union to filter ts32s 2"	
6	02250132-289	1	tube,bypass to cooler out ac ts32s	
7	02250133-850	1	support,tubing ts32sc	
8	02250154-637	1	tube, flexible 2" intac/thrmvlv	
9	811232-200	1	elbow, tube union 2	
10	811632-250	4	elbow, tube str thrd 2 x 2 1/2	
11	811832-250	2	connector, tube str thd 2 x 2 1/2	
12	825208-448	1	nut,hex pltd 1/2-13	
13	826502-232	1	o-ring, viton 2 3/4 x 1/8"	
14	829108-150	1	capscrew,hex gr5 1/2-13 x 1 1/2	
15	837806-094	2	washer, spr lock reg pltd 3/8	
16	837808-125	5	washer, spr lock reg pltd 1/2	
17	838208-112	1	washer, pl-b reg pltd 1/2	
18	867308-300	4	capscrew, ferry head hd pltd 1/2-13 x 3	
19	868306-200	1	u-bolt,3/8" x 2" pipe pltd	
20	VARIOUS	1	valve,thermal 2.5 in sae	(III)
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
NOTES:				
(I)	For maintenance on fluid filter no. 02250121-638, order repair kit no. 02250139-996.			
(II)	For maintenance on fluid stop valve no. 02250122-004, order repair kit no. 001680.			
(III)	This part may vary by machine. Consult factory with machine serial number.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.16 FLUID PIPING SYSTEM- AIR-COOLED 500-600HP



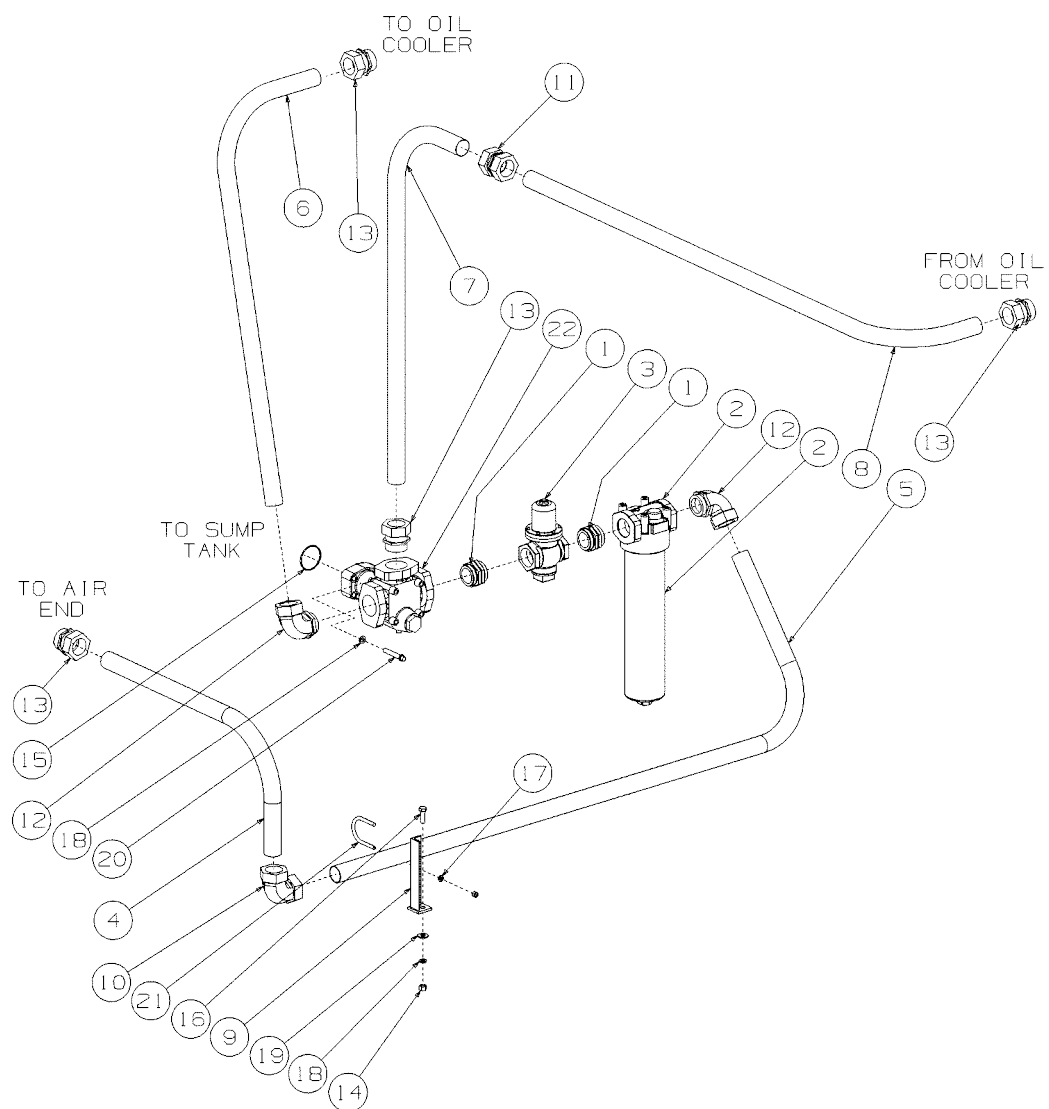
02250137-608 R01

1.16 FLUID PIPING SYSTEM- AIR-COOLED 500-600HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250110-661	2	adapter, sae 2-1/2-12 x 2-1/2-12	
2	02250121-638	1	filter, 2 1/2-12 sae coreless 80cn-2	(I)
3	02250122-004	1	valve, oil stop 2.5" sae	(II)
4	02250132-287	1	tube, unit to filter TS32 2"	
5	02250132-288	1	tube, union to filter TS32S 2"	
6	02250132-289	1	tube, bypass to cooler out ac TS32S	
7	02250133-850	1	support, tubing TS32S	
8	02250134-125	1	tube, clROUT to bypass vlv TS32SC-600	
9	811232-200	1	elbow, tube union 2	
10	811632-250	4	elbow, tube str thrd 2 x 2 1/2	
11	811832-250	2	connector, tube str thd 2 x 2 1/2	
12	825208-448	1	nut, hex pltd 1/2-13	
13	826502-232	1	o-ring, viton 2 3/4 x 1/8"	
14	829108-150	1	capscr, hex gr5 1/2-13 x 1 1/2	
15	837808-125	5	washer, spr lock reg pltd 1/2	
16	838208-112	1	washer, pl-b reg pltd 1/2	
17	867308-300	4	capscrew, ferry head hd pltd 1/2-13 x 3	
18	868306-200	1	u-bolt, 3/8" x 2" pipe pltd	
19	VARIOUS	1	valve, thermal 2.5 in sae	(III)
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.		PART NO.	QTY	DESCRIPTION	NOTE
NOTES:					
(I)		For maintenance on fluid filter no. 02250121-638, order repair kit no. 02250139-996.			
(II)		For maintenance on fluid stop valve no. 02250122-004, order repair kit no. 001680.			
(III)		This part may vary by machine. Consult factory with machine serial number.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR					

1.17 FLUID PIPING SYSTEM—WATER-COOLED 400HP



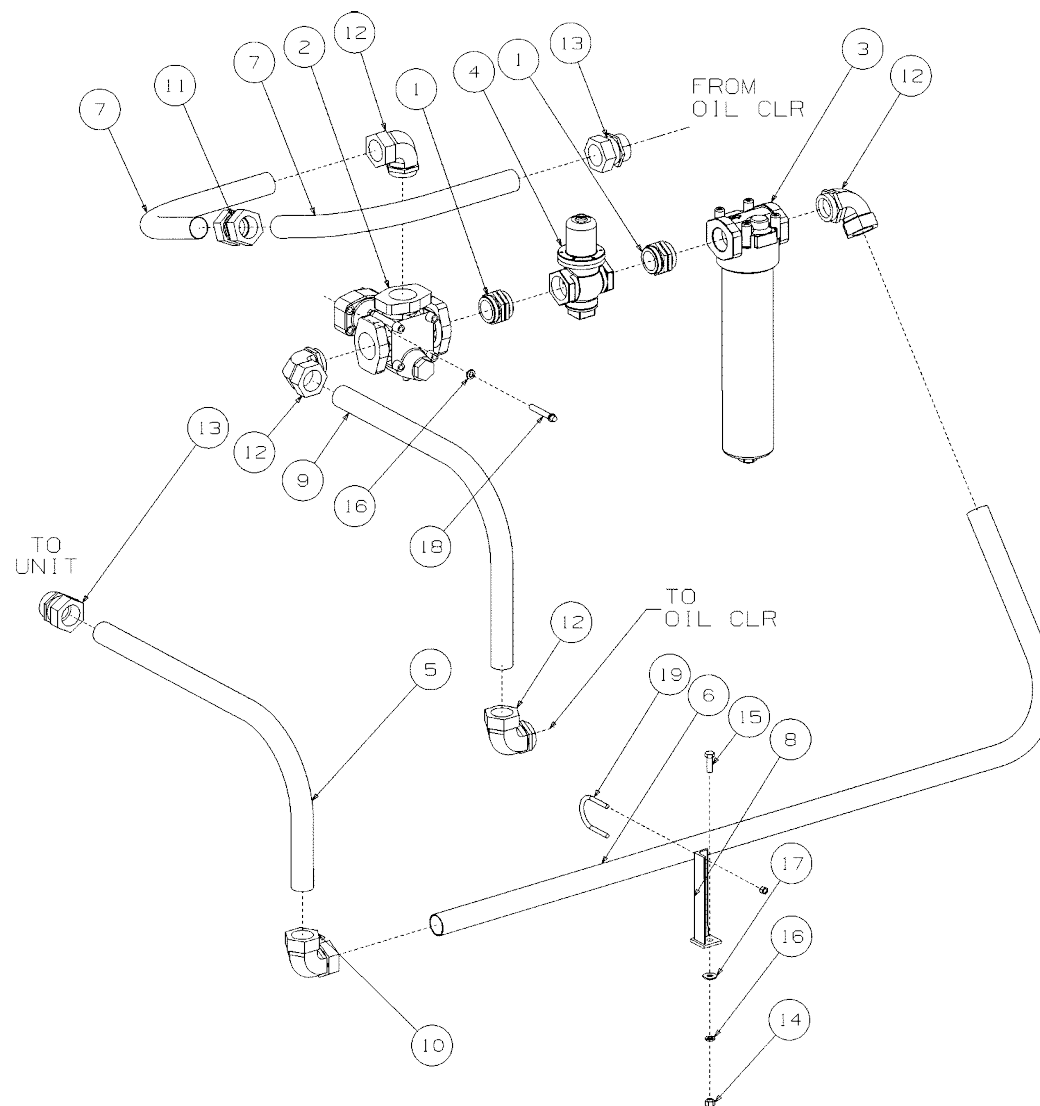
02250137-125 R00

1.17 FLUID PIPING SYSTEM—WATER-COOLED 400HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250110-661	2	adapter, sae 2-1/2-12 x 2-1/2-12	
2	02250121-638	1	filter, 2 1/2-12 sae coreless 80cn-2	(I)
3	02250122-004	1	valve, oil stop 2.5" sae	(II)
4	02250132-287	1	tube, unit to filter TS32 2"	
5	02250132-288	1	tube, union to filter TS32S 2"	
6	02250132-309	1	tube, bypass to clr in wc TS32S	
7	02250132-310	1	tube, bypass to clout wc TS32S	
8	02250132-362	1	tube, clout to bypass horiz.TS32S	
9	02250133-850	1	support, tubing TS32SC	
10	811232-200	1	elbow, tube union 2	
11	811332-200	1	union, tube hex 2"	
12	811632-250	2	elbow, tube str thrd 2 x 2 1/2	
13	811832-250	4	connector, tube str thd 2 x 2 1/2	
14	825208-448	1	nut, hex pltd 1/2-13	
15	826502-232	1	o-ring, viton 2 3/4 x 1/8"	
16	829108-150	1	capscr, hex gr5 1/2-13 x 1 1/2	
17	837806-094	2	washer, spr lock reg pltd 3/8	
18	837808-125	5	washer, spr lock reg pltd 1/2	
19	838208-112	1	washer, pl-b reg pltd 1/2	
20	867308-300	4	capscrew, ferry head hd pltd 1/2-13 x	
21	868306-200 1		u-bolt, 3/8" x 2" pipe pltd	
22	VARIOUS	1	valve, thermal 2.5 in sae	(III)
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
NOTES:				
(I)	For maintenance on fluid filter no. 02250121-638, order repair kit no. 02250139-996.			
(II)	For maintenance on fluid stop valve no. 02250122-004, order repair kit no. 001680.			
(III)	This part may vary by machine. Consult factory with machine serial number.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.18 FLUID PIPING SYSTEM—WATER-COOLED 500-600HP



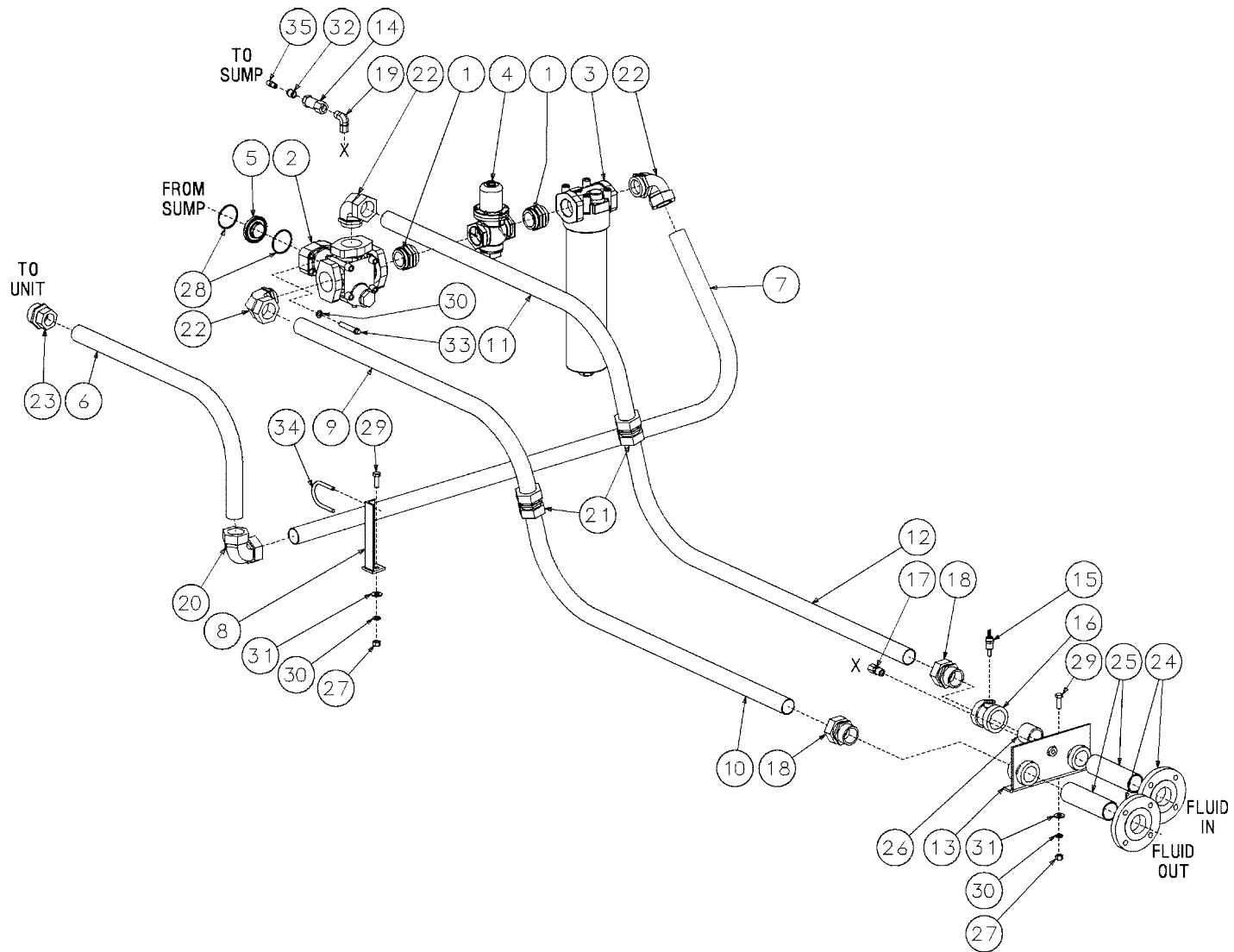
02250137-342 R01

1.18 FLUID PIPING SYSTEM—WATER-COOLED 500-600HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250110-661	2	adapter, sae 2-1/2-12 x 2-1/2-12	
2	VARIOUS	1	valve, thermal 2.5" sae	(I)
3	02250121-638	1	filter, 2 1/2-12 sae coreless 80cn-2	(II)
4	02250122-004	1	valve, oil stop 2.5" sae	(III)
5	02250132-287	1	tube, unit to filter TS32S	
6	02250132-288	1	tube, union to filter TS32S 2"	
7	02250132-699	2	tube, bypass to clr out	
8	02250133-850	1	support, tubing TS32SC	
9	02250137-555	1	tube, bypass to clr TS32S-500/600 wcow	
10	811232-200	1	elbow, tube union 2	
11	811332-200	1	union, tube hex 2"	
12	811632-250	4	elbow, tube str thrd 2 x 2 1/2	
13	811832-250	2	connector, tube str thd 2 x 2 1/2	
14	825208-448	1	nut, hex pltd 1/2-13	
15	829108-150	1	capscr, hex gr5 1/2-13 x 1 1/2	
16	837808-125	5	washer, spr lock reg pltd 1/2	
17	838208-112	1	washer, pl-b reg pltd 1/2	
18	867308-300	4	capscrew, ferry head hd pltd 1/2-13 x 3	
19	868306-200	1	u-bolt, 3/8" x 2" pipe pltd	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
NOTES:				
(I)	This part may vary by machine. Consult factory with machine serial number.			
(II)	For maintenance on fluid filter no. 02250121-638, order repair kit no. 02250139-996.			
(III)	For maintenance on fluid stop valve no. 02250122-004, order repair kit no. 001680.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.19 FLUID PIPING—REMOTE COOLED 500-600HP



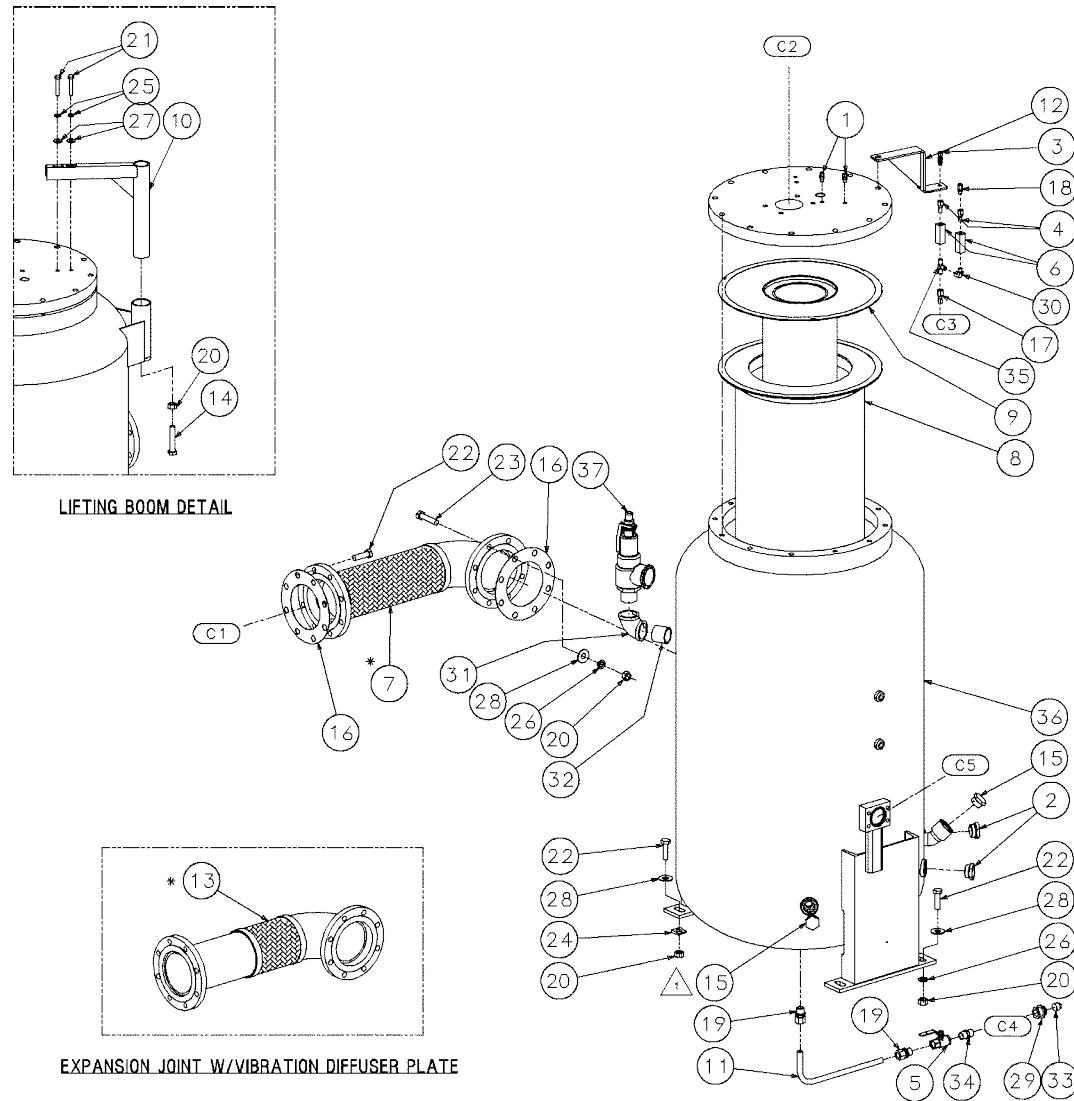
02250135-799 R04

1.19 FLUID PIPING—REMOTE COOLED 500-600HP

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250110-661	2	adapter, sae 2-1/2-12 x 2-1/2-12	
2	VARIOUS	1	valve, thermal 2.5" sae	(I)
3	02250121-638	1	filter, 2 1/2-12 sae coreless 80cn-2	(II)
4	02250122-004	1	valve, oil stop 2.5" sae	(III)
5	02250125-617	1	2-1/2" sae check valve insert	
6	02250132-287	1	tube, unit to filter ts32 2"	
7	02250132-288	1	tube,union to filter ts32s 2"	
8	02250133-850	1	support,tubing ts32sc	
9	02250135-856	1	tube,bypass to union 2"	
10	02250135-858	1	tube, oil in to union 2" ts32sc	
11	02250135-860	1	tube,bypass out to union ts32sc	
12	02250135-862	1	tube, oil out to union 2" ts32sc	
13	02250136-215	1	support,2"npt oil in/out ts32sc	
14	042694	1	valve, check 1/2"	
15	043239	1	switch, temp n.o. 115f	
16	802208-082	1	tee,reducing 2 x 2 x 1/2	
17	810208-050	1	connector, tube-m 1/2 x 1/2	
18	810232-200	2	connector, tube-m 2 x 2	
19	810508-050	1	elbow, tube 90 deg m 1/2 x 1/2	
20	811232-200	1	elbow, tube union 2	
21	811332-200	2	union,tube hex 2"	
22	811632-250	3	elbow, tube str thrd 2 x 2 1/2	
23	811824-250	1	connector, tube str thd 1 1/2 x 2 1/2	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	819532-070	2	flange, thrd red 2 x 7"	
25	822132-080	2	nipple,pipe 2 x 8	
26	822232-000	1	nipple,pipe-xs 2 x cl	
27	825208-448	3	nut,hex pltd 1/2-13	
28	826502-232	2	o-ring, viton 2 3/4 x 1/8"	
29	829108-150	3	capscrew,hex gr5 1/2-13 x 1 1/2	
30	837808-125	7	washer, spr lock reg pltd 1/2	
31	838208-112	3	washer, pl-b reg pltd 1/2	
32	867102-010	1	bushing,red pltd 1/2 x 1/4	
33	867308-300	4	capscrew, ferry head hd pltd 1/2-13 x 3	
34	868306-200	1	u-bolt,3/8" x 2" pipe pltd	
35	868504-025	1	nipple,pipe-hx pltd 1/4 x 1/4	
NOTES:				
(I) This part may vary by machine. Consult factory with machine serial number.				
(II) For maintenance on fluid filter no. 02250121-638, order repair kit no. 02250139-996.				
(III) For maintenance on fluid stop valve no. 02250122-004, order repair kit no. 001680.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.20 SUMP & PIPING



02250135-534 R05

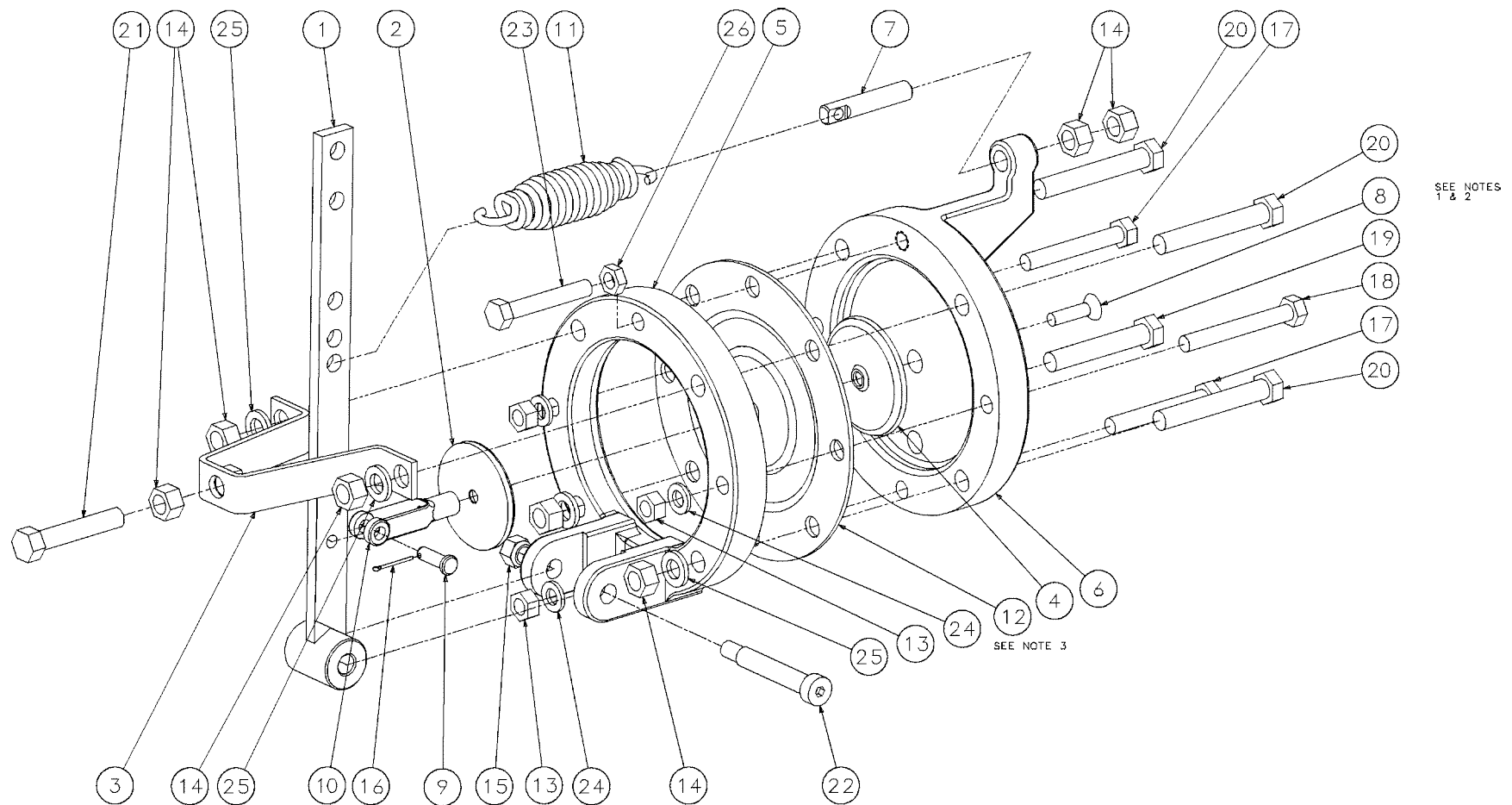
1.20 SUMP & PIPING

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	020169	2	connector, flex 1/4t x 1/4p	
2	02250097-611	2	plug, sight glass 1-7/8" sae	
3	02250101-490	1	connector, tube male bhd 1/4 x sae	
4	02250117-782	2	filter, assembly screen filter	(I)
5	02250125-221	1	valve, ball 3/4"sae x 3/4"npt	
6	02250126-129	2	sightglass, orf block sae	
7	02250126-286	1	joint, expansion ts32s rec. tnk to unit	
8	02250126-325	1	element, sep/pri	(II)
9	02250126-331	1	element, sep/sec	(III)
10	02250127-249	1	boom, lid lifting	
11	02250129-121	1	tube, 3/4" sump drain	
12	02250137-560	1	support, oil rtn sightgl ts32s-400/600	
13	02250137-600	1	jnt, exp ts32s rectnk to unit 6" ac/wc w/bfl	
14	02250148-074	1	capscrew, hex allthrd 3/4-10 x 4 clear zinc	
15	040029	2	plug, o-ring boss sae 1 1/4	
16	242437-012	2	gasket, 6" 125# flg full face	
17	810104-025	1	connector, tube-f 1/4 x 1/4	
18	811804-044	1	connector, tube str thd 1/4 x 7/16	
19	811812-106	2	connector, tube str thd 3/4 x 1 1/16	
20	825212-665	13	nut, hex pltd 3/4-10	
21	829108-275	2	capscrew, hex gr5 1/2-13 x 2 3/4	
22	829112-250	12	capscrew, hex gr5 3/4-10 x 2 1/2	
23	829112-350	8	capscrew, hex gr5 3/4-10 x 3 1/2	
24	837012-150	2	washer, bevel 3/4	
25	837808-125	2	washer, spr lock reg pltd 1/2	
26	837812-188	10	washer, spr lock reg pltd 3/4	
27	838208-112	2	washer, pl-b reg pltd 1/2	
28	838212-112	12	washer, pl-b reg pltd 3/4	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
29	841500-012	1	bulkhead, pipe 3/4" npt	
30	860704-025	1	elbow, pipe 90m/f 1/4 x 1/4	
31	866215-080	1	elbow, pipe 90 deg plt 2"	
32	866432-000	1	nipple, pipe-xs plt 2 x cl	
33	866900-030	1	plug, pipe 3/4" 3000# stl plt	
34	868512-075	1	nipple, pipe-hx pltd 3/4 x 3/4	
35	869825-025	1	tee, male pipe brass 1/4	
36	TANK	1	tank, oil sep 36" dia.	
37	VLV_RLF	1	valve, relief 2" 160# soft seat	
NOTES:				
1. PROBE LOCATION FOR OPTIONAL WATER REGULATING VALVE OPTION ON WATER-COOLED APPLICATIONS.				
2. REPLACE ITEM #7(02250126-286) WITH ITEM #13 (02250137-600) WHEN APPLICATION REQUIRES A DIRECT DRIVE UNIT OR WITH A GEAR RATIO OF 1.04, OR >175 PSIG RATED OPERATING PRESSURE.				
(I) For maintenance on filter assembly no. 02250117-782, order filter assembly no. 02250117-782				
(II) For maintenance on primary separator element no. 02250126-325, order replacement element kit no. 02250126-352.				
(III) For maintenance on secondary separator element no. 02250126-331, order replacement element kit no. 02250126-355.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

C1	FROM UNIT DISCHARGE
C2	TO AFTERCOOLER
C3	TO UNIT DISCHARGE
C4	MOUNT TO FRAME
C5	TO FLUID COOLER/FLUID FILTER

1.21 SULLICON CONTROL W/LIGHT SPRING STD



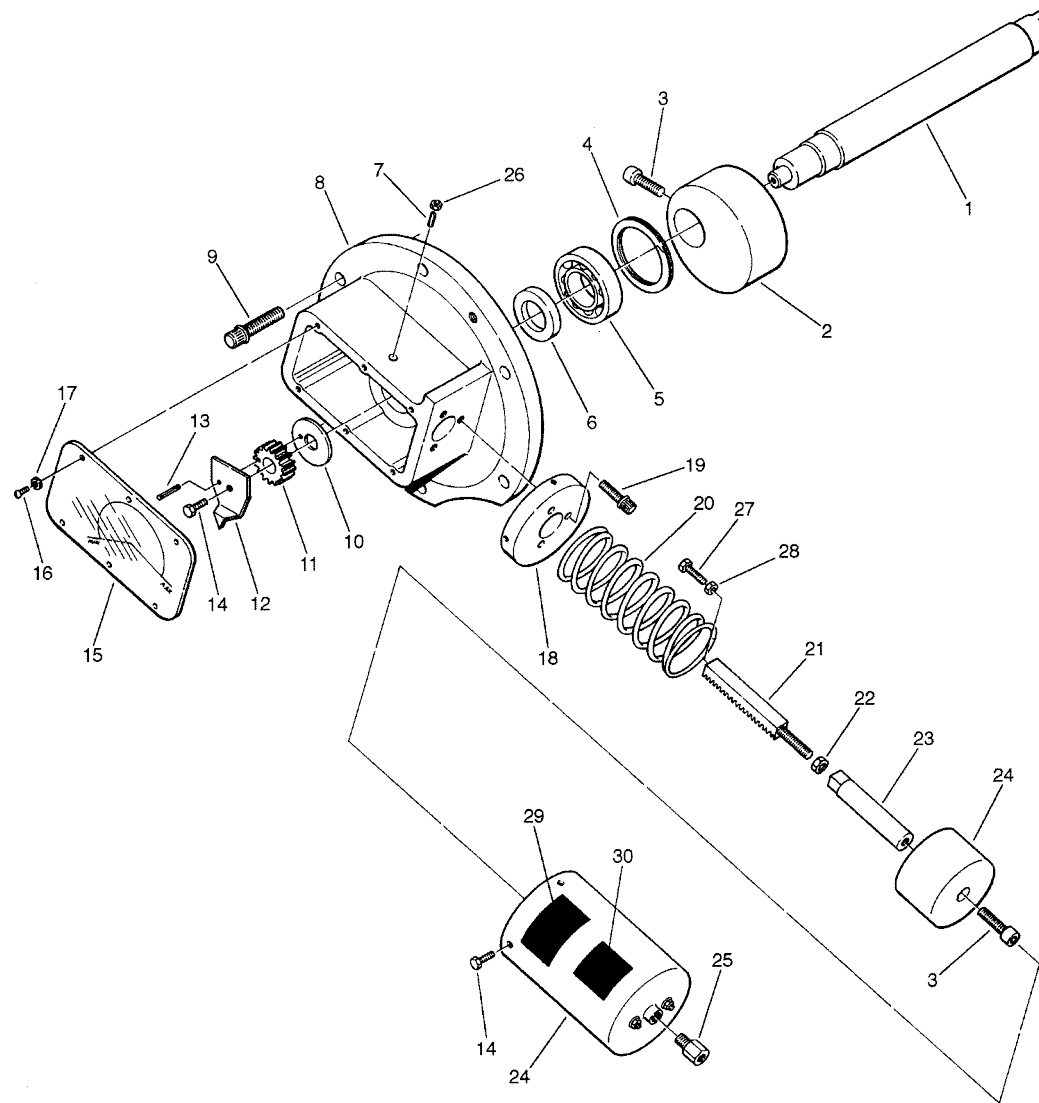
02250134-158 R02

1.21 SULLICON CONTROL W/LIGHT SPRING STD

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	011084	1	lever, control sullicon	
2	020094	1	plunger	
3	020864	1	stop, control	
4	021172	1	washer, back-up	(I)
5	021635	1	body, control	
6	021654	1	cover, control	
7	02250112-184	1	blt,adj sullicon spring yellow zinc dichromate	
8	02250150-864	1	capscrew, socket 1/4-28unf x 1.00"	(I)
9	040065	1	pin,yoke 1/4"	
10	040138	1	rod-end, yoke	
11	250006-526	1	spring, control light	
12	250020-028	1	diaphragm, external	(I)
13	825205-273	3	nut,hex pltd 5/16-18	
14	825206-337	7	nut,hex pltd 3/8-16	
15	825505-166	1	nut,hex locking 5/16-18	
16	827101-075	1	pin,cotter ep-sc 1/16 x 3/4	
17	829105-225	2	capscrew,hex gr5 5/16-18 x 2 1/4	
18	829105-250	1	capscrew,hex gr5 5/16-18 x 2 1/2	
19	829106-225	1	capscrew,hex gr5 3/8-16 x 2 1/4	
20	829106-250	3	capscrew,hex gr5 3/8-16 x 2 1/2	
21	830106-200	1	screw, mach-hex 3/8-16 x 2	
22	830506-200	1	screw, mach shld 3/8 x 2	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
23	831105-200	1	screw, mach-hex 5/16-24 x 2	
24	837805-078	3	washer, spr lock reg pltd 5/16	
25	837806-094	5	washer, spr lock reg pltd 3/8	
26	868205-195	1	nut, hex jam rh pltd 5/16-24	
NOTES:				
1. APPLY MEDIUM STRENGTH SCREW LOCK ADHESIVE (SPEC.#005898 A00-R-7);COLOR CODE:BLUE.				
2. TORQUE TO 144 IN-LBS(16 N-m).				
3. ASSEMBLE ITEM 12 DRY.				
(I) These parts included in the Sullicon kit P/N 250020-353. For maintenance order repair kit P/N 250020-353.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.22 COMPRESSOR SPIRAL VALVE ACTUATOR

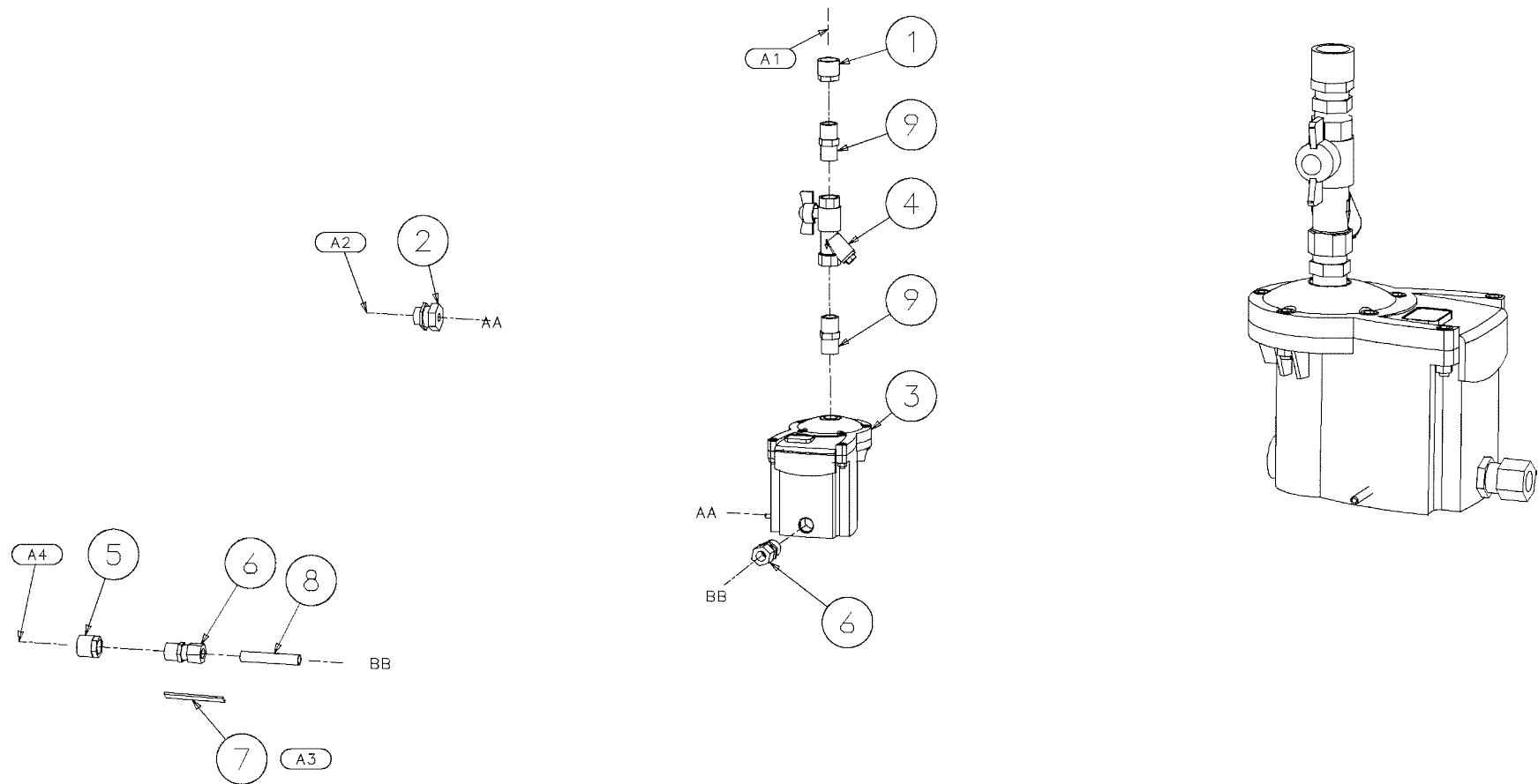


1.22 COMPRESSOR SPIRAL VALVE ACTUATOR

KEY NO.	PART NO.	Q T Y	DESCRIPTION
1	250030-981	1	shaft, valve - direct
	250030-982	1	shaft, valve - geared
2	250016-193	1	valve, weight counterbalance
3	828906-100	2	capscrew, socket 3/8" 16 x 1"
4	499068-005	1	ring, retaining
5	499002-207	1	bearing, ball
6	250016-200	1	seal, lip
7	250024-465	1	screw, set 1/2" 13 x 1.62 br
8	250016-182	1	adapter, air cylinder
9	828408-150	6	capscrew, ferry head 1/2" 13 x 1 1/2"
10	250016-199	1	guide, rack
11	250016-196	1	gear, pinion
12	250030-983	1	indicator, actuator
13	827404-100	1	pin, roll unfinished 1/4" x 1"
14	828204-050	4	capscrew, hex head gr8 1/4" 20 x 1 1/2"
15	250016-195	1	cover, adapter
16	838201-045	6	washer, regular #8
17	831601-050	6	screw, machine rod #8-32 x 1/2"
18	250016-188	1	mount, air cylinder
19	828405-125	3	capscrew, ferry head 1/2" 18 x 1 1/4"
20	250016-394	1	spring, seal 2 1/4"
21	250016-197	1	rack, gear
22	824906-227	1	nut, hex jam 3/8" 16
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

KEY NO.	PART NO.	Q T Y	DESCRIPTION
23	250016-194	1	shaft, air cylinder
24	250016-183	1	cylinder, air (I)
25	028831	1	orifice, .062 x .25m x .25f
26	824208-448	1	nut, hex unfinished 1/2" 13
27	830104-175	1	screw, machine hex 1/4" 20 x 1 3/4"
28	824904-164	1	nut, hex jam 1/4" 20
29	250029-836	1	decal, warning actuator
30	250029-784	1	decal, actuator valve positioning
NOTES:			
(I) For maintenance on air cylinder no. 250016-183, order diaphragm repair kit no. 608311-001.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.23 MOISTURE DRAIN—ZERO LOSS

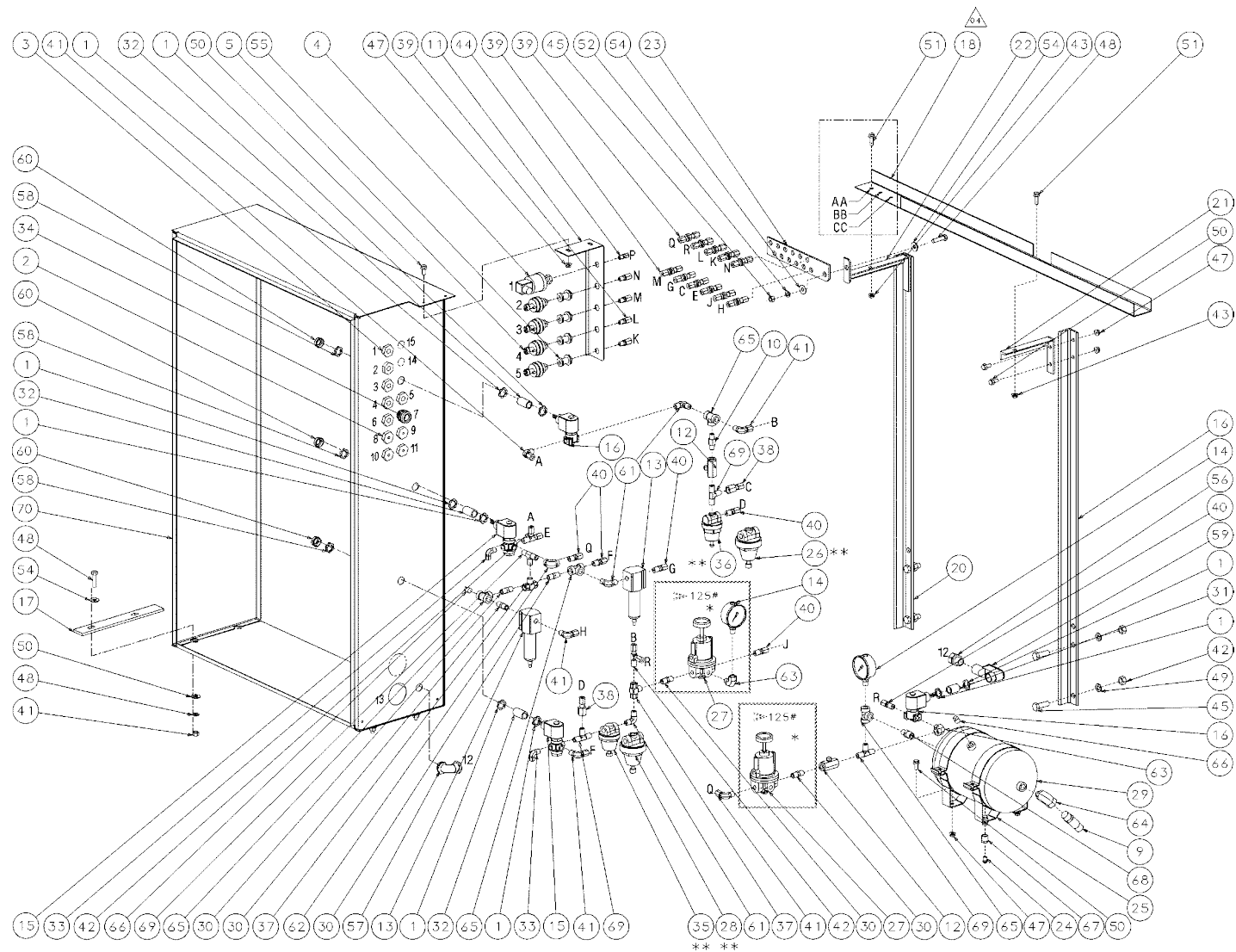


02250182-691 R00

1.23 MOISTURE DRAIN—ZERO LOSS

KEY NO.	PART NO.	QTY	DESCRIPTION
1	02250046-118	1	bushing, red brs 3/4 x 1/2
2	02250071-380	1	grip, cord n4 .187-.250 x 1/2"
3	02250182-545	1	drain,zero loss 115v 1/2"npt
4	02250182-548	1	valve,ball/stnr combo-1/2"npt
5	250018-742	1	bushing,red 316ss 3/4 x 1/2"
6	250139-018	2	connector, tube-m 1/2 swg1k 316s
7	407403	8	tape,heat self-lim 120v/5w-ft
8	841215-008	8	tubing, stnls stl 1/2 20ga ft
9	881308-050	2	nipple,pipe-hx brass 1/2 x 1/2
A1: TO MOISTURE SEPARATOR			
A2: TO STARTER BOX			
A3: HEAT TRACE FOR COLD WEATHER OPTION ONLY			
A4: TO FRAME			
SERVICE KITS FOR 02250182-545			
02250182-571 KIT,VALVE SERVICE 115V ZLOSS			
SERVICE KITS FOR 02250182-548			
02250182-947 STNR,1/2" BALL VLV ASSY			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.24 PNEUMATIC CONTROLS



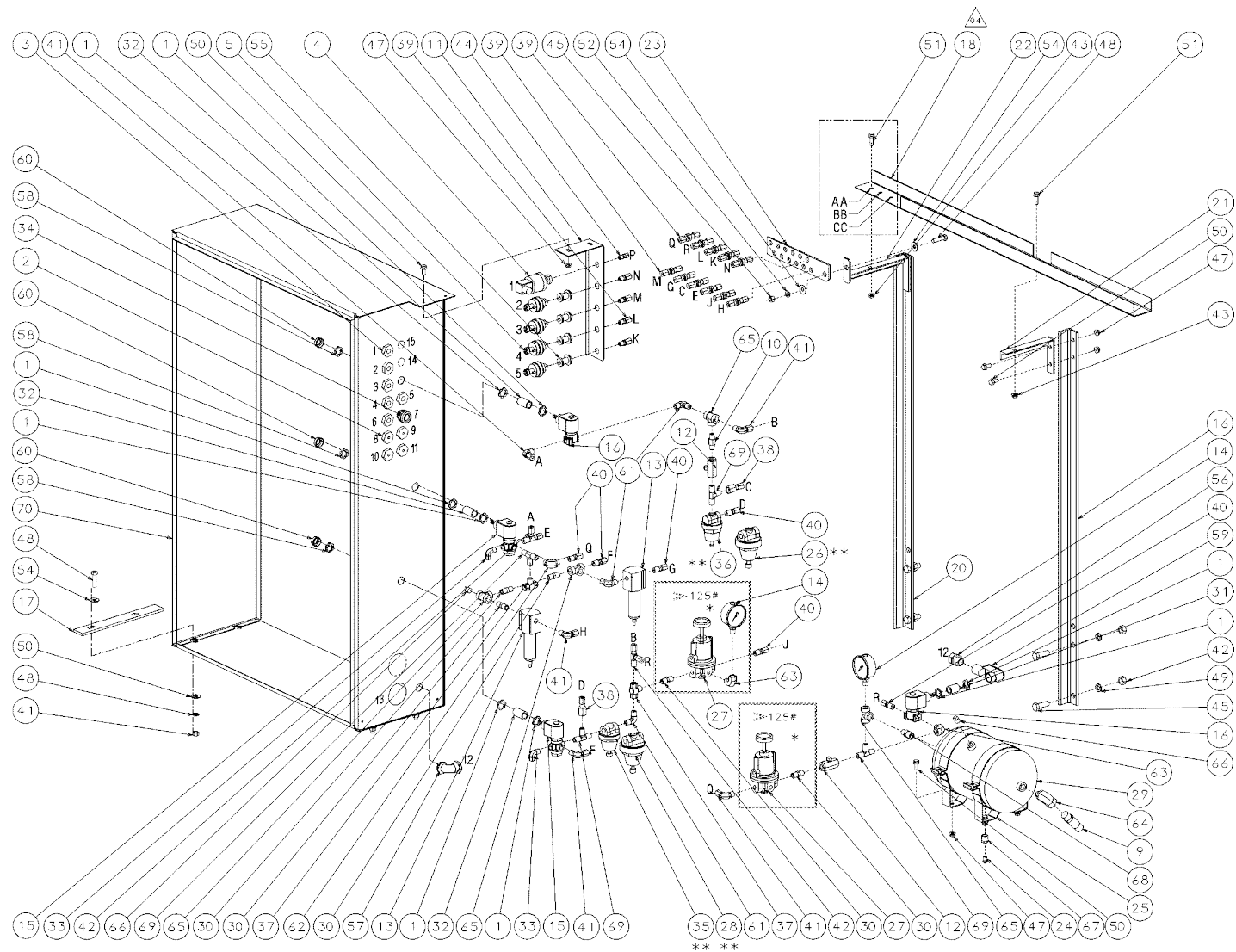
02250135-643 R06

1.24 PNEUMATIC CONTROLS

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250071-362	8	locknut, n4 conduit sealing	
1	02250109-465	1	door, enclosure	
2	02250071-379	4	grip, cord n4 .125-.187 x 1/2"	
3	02250071-381	6	grip, cord n4 .250-.375 x 1/2"	
4	02250078-249	1	switch, vacuum 22"wc n4 6ft cable 5a	
5	02250078-933	4	transducer, pressure 0-25psi 1-5vdc n4	
6	02250085-504	1	switch, push-button operator e22 40mm	
7	02250086-259	1	decal,es11 aux s2 w/o dryer	
8	02250089-302	1	panel, central box bezel es-11	
9	02250092-138	1	valve, pressure relief 1/2"npt-150 psig	
10	02250101-191	1	orifice, .031" x .25m x .25m nptf	
11	02250110-132	1	support, bracket transducer mounting	
12	02250110-557	2	valve, check 1/4"nptf viton seat	
13	02250112-032	2	filter,control air 1/4"npt	(I)
14	02250117-009	2	gage, air press 2 1/2" 0-200 psi	
15	02250125-657	2	valve, solenoid 3wno 1/4 235# n4	(II)
16	02250125-679	2	valve, solenoid 2wnc 1/4 150# n4 +	(III)
17	02250127-380	2	support,str box ls20s ac	
18	02250127-559	1	channel, ctl tubing supt	
19	02250130-344	1	decal,supervisor front	
20	02250133-550	3	angle,support	
21	02250133-551	1	bracket,support	
22	02250133-552	2	bracket,supt	
23	02250133-564	2	bracket, tubing manifold	
24	041111	1	valve, drain-self close 1/8npt	
25	044285	2	band, mounting 7" dia	
26	045099	1	valve, regulator	(IV)
27	046556	2	regulator,press-1/4npt 2-150#	(V)
28	048059	1	valve, regulator 400 psi	
29	242221	1	reservoir, air 415 cu.in.	
30	249537	5	nipple,brass hex 1/4"-npt	
31	250007-168	1	nipple,conduit 1/2 x 1.125"	
32	250007-169	3	nipple,conduit 1/2 x 1.5"	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
33	250018-430	2	elbow, 90 1/4t pls x 1/4 npt m	
34	250018-495	1	grip, cord so 12/4 st 1/2"	
35	406929	1	valve, diff press reg 1/4"npt	
36	408275	1	valve, pressure reg 100psi	
37	408893	2	valve, shuttle 1/4" npt (dbl chk)	
38	810104-025	2	connector, tube-f 1/4 x 1/4	
39	810204-012	4	connector, tube-m 1/4 x 1/8	
39	811104-025	22	union,tube bhd 1/4"	
40	810204-025	6	connector, tube-m 1/4 x 1/4	
41	810504-025	5	elbow, tube 90 deg m 1/4 x 1/4	
42	810904-025	2	tee, tube-male run 1/4 x 1/4	
44	813604-125	1	connector, tube-m 1/4 x 1/8	
44	829106-150	6	capscrew,hex gr5 3/8-16 x 1 1/2	
45	825206-337	6	nut,hex pltd 3/8-16	
46	825208-448	6	nut,hex pltd 1/2-13	
47	825305-283	15	nut,hex f pltd 5/16-18	
49	829108-150	6	capscrew,hex gr5 1/2-13 x 1 1/2	
50	829705-075	12	screw, hex ser washer 5/16-18 x 3/4	
51	829705-100	3	screw, hex ser washer 5/16-18 x 1	
52	837806-094	6	washer, spr lock reg pltd 3/8	
53	837808-125	6	washer, spr lock reg pltd 1/2	
54	838206-071	12	washer, pl-b reg pltd 3/8	
55	841500-002	4	bulkhead, pipe 1/8" npt	
56	846400-050	1	connector, straight lq-tite 1/2	
57	846600-050	1	elbow, 90deg lq-tite 1/2	
58	847200-050	3	locknut, conduit 1/2	
59	847715-050	1	elbow, entrance 1/2	
60	848815-050	3	bushing,conduit plastic 1/2	
61	860504-025	3	elbow, pipe-90m 1/4 x 1/4	
62	860604-025	1	elbow, pipe 90f 1/4 x 1/4	
63	860704-025	2	elbow, pipe 90m/f 1/4 x 1/4	
64	860706-050	1	elbow, pipe 90m/f 3/8 x 1/2	
Continued on page 53				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.25 PNEUMATIC CONTROLS (CONTINUED)



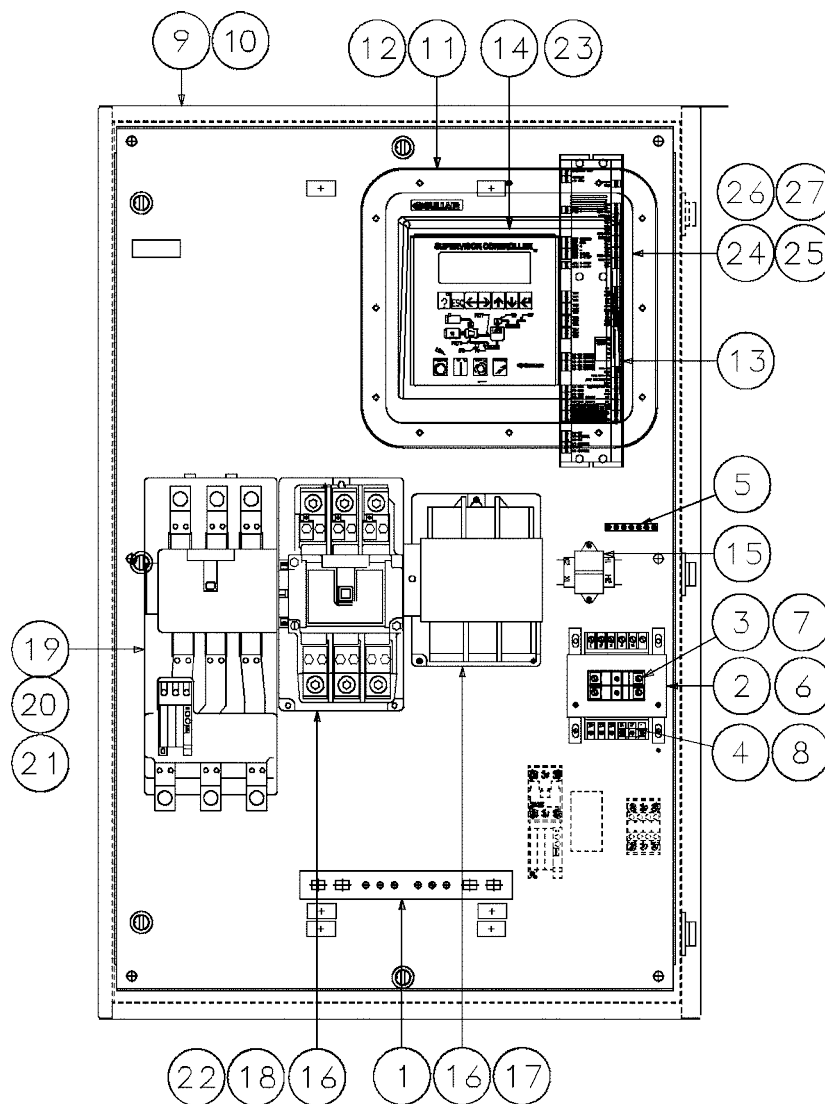
02250135-643 R06

1.25 PNEUMATIC CONTROLS

KEY NO.	PART NO.	Q T Y	DESCRIPTION
65	866815-010	4	tee, pipe 150# plt 1/4
66	866900-010	2	plug, pipe 1/4" 3000# stl plt
67	867101-005	1	bushing, red pltd 3/8 x 1/8
68	868506-025	1	nipple, pipe-hx pltd 3/8 x 1/4
69	869825-025	4	tee, male pipe brass 1/4
70	STR	1	start, assy ts32s
CONTROL TUBING LEGEND:			
A - INTERNAL TO CONTROLS			
B - INTERNAL TO CONTROLS			
C - SPIRAL VALVE			
D - INTERNAL TO CONTROLS			
E - BLOWDOWN VALVE			
F - INTERNAL TO CONTROLS			
G - SYSTEM PRESSURE			
H - DRY AIR/SUMP TANK LID PRESSURE			
J - SULLICON CONTROLLER			
K - HIGH OIL PRESSURE-OIL FILTER DIFFERENTIAL			
L - LOW OIL PRESSURE-OIL FILTER DIFFERENTIAL			
M - MOISTURE SEPARATOR OUT			
N - HIGH SUMP/WET SIDE OIL SEPARATOR			
P - INLET AIR FILTER			
Q - CLOSED INLET ASSEMBLY-CHECK VALVE OR PRESSURE REGULATING VALVE(>125PSIG)			
R - CLOSED INLET ASSEMBLY-SOLENOID VALVE			
ELECTRICAL LEGEND:			
1 - INLET FILTER VACUUM SWITCH			
2 - PRESSURE TRANSDUCER: P1			
3 - PRESSURE TRANSDUCER: P2			
4 - PRESSURE TRANSDUCER: P3			
5 - PRESSURE TRANSDUCER: P4			
6 - SCD MOISTURE SEPARATOR DRAIN			
7 - AIR COOLED FAN MOTOR (WATER COOLED WATER PRESSURE SWITCH)			
8 - T1 RTD-UNIT DISCHARGE TEMPERATURE			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

KEY NO.	PART NO.	Q T Y	DESCRIPTION
9 - T2 RTD-DRY SIDE SUMP TEMPERATURE			
10 - T3 RTD-UNIT INJECTION OIL TEMPERATURE			
11 - T4 RTD-UNIT INTERSTAGE TEMPERATURE			
12 - CLOSED INLET SOLENOID VALVE			
13 - MAIN MOTOR WIRE CONNECTOR (ADDITIONAL HOLE/CONNECTOR FOR Y-DELTA)			
14 - INTEGRAL COOLER EES LOUVER CONTROL			
15 - INTEGRAL COOLER EES TEMPERATURE SWITCH			
NOTES:			
1. STARTER MOUNTS TO FRAME.			
2. CLOSED INLET ASSEMBLY MOUNTS TO FRAME.			
3. CONTROL TUBING CHANNEL SUPPORT MOUNTS TO ANGLE UPRIGHTS FOR INTAC APPLICATION AND TO AFTCL/DISCHARGE PIPE SUPPORT FOR WC & RC APPLICATIONS. (ANGLE UPRIGHTS ARE NOT REQUIRED FOR WC & RC APPLICATIONS).			
4. HOLE AA USED WITH LS25S/TS20T/TS32 APPLICATIONS. HOLE BB USED WITH LS25S/TS20T/TS32 WHEN EXTRA CLEARANCE IS NEEDED. HOLE CC USED WITH ALL TS32S APPLICATIONS.			
* ITEMS ENCLOSED BY RECTANGLE, AS INDICATED, ARE USED FOR WORKING PRESSURES ABOVE 125 PSI.			
** ITEM #24 (048059) REPLACES ITEM #31(406929) & ITEM #22(045099) REPLACES ITEM #32(408275) FOR HI PRESSURE OPERATION (>=175#).			
(I) For maintenance on control air filter no. 02250112-032, order repair kit no. 02250112-031.			
(II) For maintenance on 3-way solenoid valve no. 02250125-657, order repair kit no. 02250160-745, and replacement coil no. 02250125-861.			
(III) For maintenance on 2-way solenoid valve no. 02250125-679, order repair kit no. 02250160-737, and replacement coil no. 02250125-861.			
(IV) For maintenance on regulator valve no. 045099, order repair kit no. 048409.			
(V) For maintenance on regulator valve no. 048059, order repair kit no. 048409.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.26 ELECTRIC CONTROL ASSEMBLY—WYE DELTA



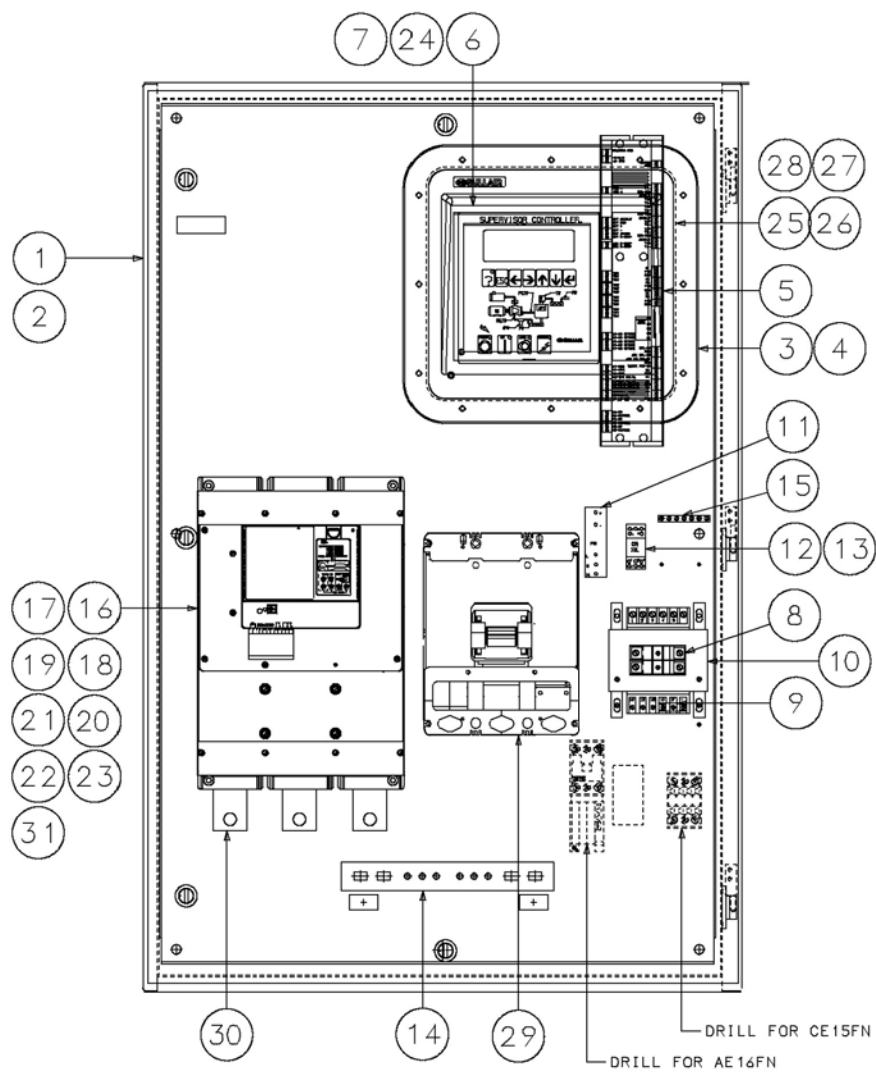
02250178-951 R00

1.26 ELECTRIC CONTROL ASSEMBLY—WYE DELTA

KEY NO.	PART NO.	DESCRIPTION
1	02250110-334	GROUND BUS
2	02250083-188	UNIV. 250 VA TRANSFORMER
3	250026-646	PRIMARY FUSE 2.5A
4	250019-758	SECONDARY FUSE 3.0A
5	02250101-721	GROUND BAR
6	02250083-190	UNIV. 350 VA TRANSFORMER
7	250026-648	PRIMARY FUSE 3.5A
8	250019-761	SECONDARY FUSE 5.0A
9	02250109-465	DOOR
10	02250108-859	ENCLOSURE
11	02250089-302	BEZEL
12	02250090-872	BEZEL GASKET
13	02250176-799	CTL SUPV IO MOD VER.4
14	02250176-805	DISPLAY MODULE
15	02250135-283	TRANSFORMER 24V
16	02250083-824	SIZE 5 CONTACTOR
17	02250083-823	SIZE 4 CONTACTOR
18	02250113-514	SIZE 5DP CONTACTOR
19	02250113-513	SIZE 5DP STARTER
20	250038-284	SIZE 5 STARTER
21	250038-283	SIZE N STARTER
22	250041-589	REV. CONTACTORS SIZE N
23	02250130-344	DISLAY LABEL
24	02250085-504	E-STOP OPERATOR
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR		

KEY NO.	PART NO.	DESCRIPTION
25	250027-125	CONTACT BLOCK
26	02250086-265	PLATE
27	02250086-269	E-STOP DECAL
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR		

1.27 ELECTRIC CONTROL ASSEMBLY—SSRV



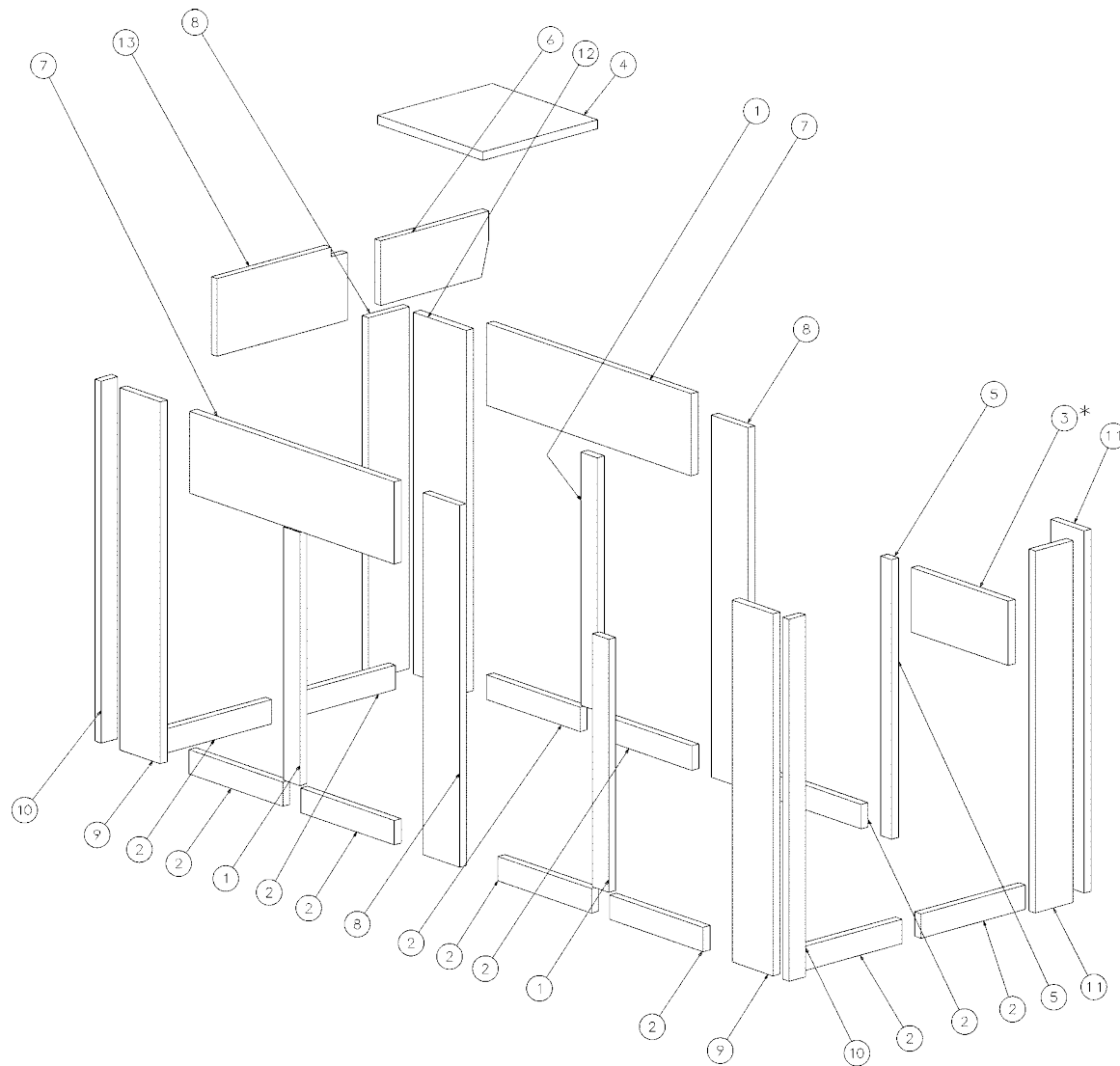
02250178-947 R01

1.27 ELECTRIC CONTROL ASSEMBLY—SSRV

KEY NO.	PART NO.	DESCRIPTION
1	02250108-859	ENCLOSURE
2	02250109-465	DOOR
3	02250089-302	BEZEL
4	02250090-872	BEZEL GASKET
5	02250176-799	CTL,SUPV IO-COM S3A
6	02250176-805	CTL,SUPV DISPLAY S3A
7	02250048-822	DISPLAY GASKET
8	250026-646	PRIMARY FUSE 2.5 AMP
9	250019-758	SECONDARY FUSE 3 AMP
10	02250083-188	UNIV. 250 VA TRANS
11	02250120-644	POWER SUPPLY 24V
12	045496	RELAY
13	046467	RELAY BASE
14	02250110-334	GROUND BUS
15	02250101-721	GROUND BAR
16	02250122-041	180A IT STARTER
17	02250122-042	240A IT STARTER
18	02250120-789	304A IT STARTER
19	02250120-792	360A IT STARTER
20	02250122-043	420A IT STARTER
21	02250122-044	500A IT STARTER
22	02250120-645	650A IT STARTER
23	02250122-046	850A IT STARTER
24	02250130-344	DISPLAY LABEL
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR		

KEY NO.	PART NO.	DESCRIPTION
25	02250086-259	E-STOP DECAL
26	02250085-504	E-STOP OPERATOR
27	250027-125	CONTACT BLOCK
28	02250086-265	PLATE
29	02250145-576	DISC. HMPC
30	VARIOUS	BUS EXTENSIONS
31	02250159-566	1000A IT STARTER
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR		

1.28 INSULATION PANELS—AIR-COOLED ENCLOSURE

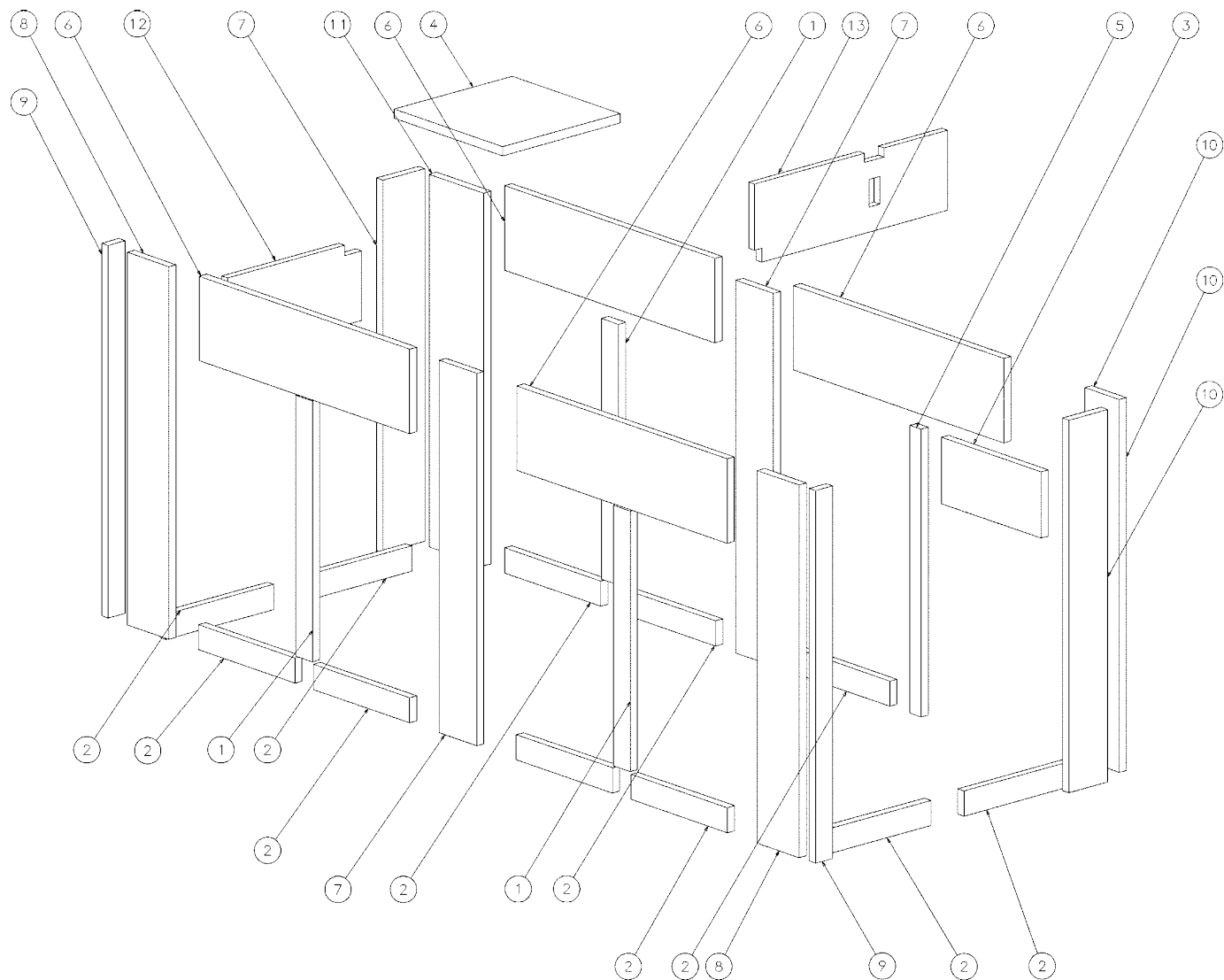


02250135-448 R04

1.28 INSULATION PANELS—AIR-COOLED ENCLOSURE

KEY NO.	PART NO.	QTY	DESCRIPTION
1	02250127-687	3	panel, acoustic foam 5.25 x 63 x 2
2	02250127-689	11	panel, acoustic foam 5.5 x 30 x 2
3	02250127-691	1	panel, acoustic foam 14.5 x 31 x 2
4	02250127-694	1	panel, acoustic foam 33 x 33.75 x 2
5	02250127-700	1	panel, acoustic foam 3.5 x 63 x 2
6	02250128-038	1	panel, acoustic foam 2" x 14.5" x 31"
7	02250135-431	2	panel, acoustic foam 18.5 x 65.5 x 2
8	02250135-432	3	panel, acoustic foam 11.75 x 81.5 x 2
9	02250135-433	2	panel, acoustic foam 13 x 81.5 x 2
10	02250135-434	2	panel, acoustic foam 4.75 x 81.5 x 2
11	02250135-435	2	panel, acoustic foam 10.75 x 81.5 x 2
12	02250135-443	1	panel, acoustic foam 17 x 81.5 x 2
13	02250135-444	1	panel, acoustic foam 2 x 17.5 x 37.5
NOTE:			
(*) ITEM #3 (02250127-691) IS NOT USED WITH THE 63" STARTER BOX.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.29 INSULATION PANELS—WATER-COOLED ENCLOSURE

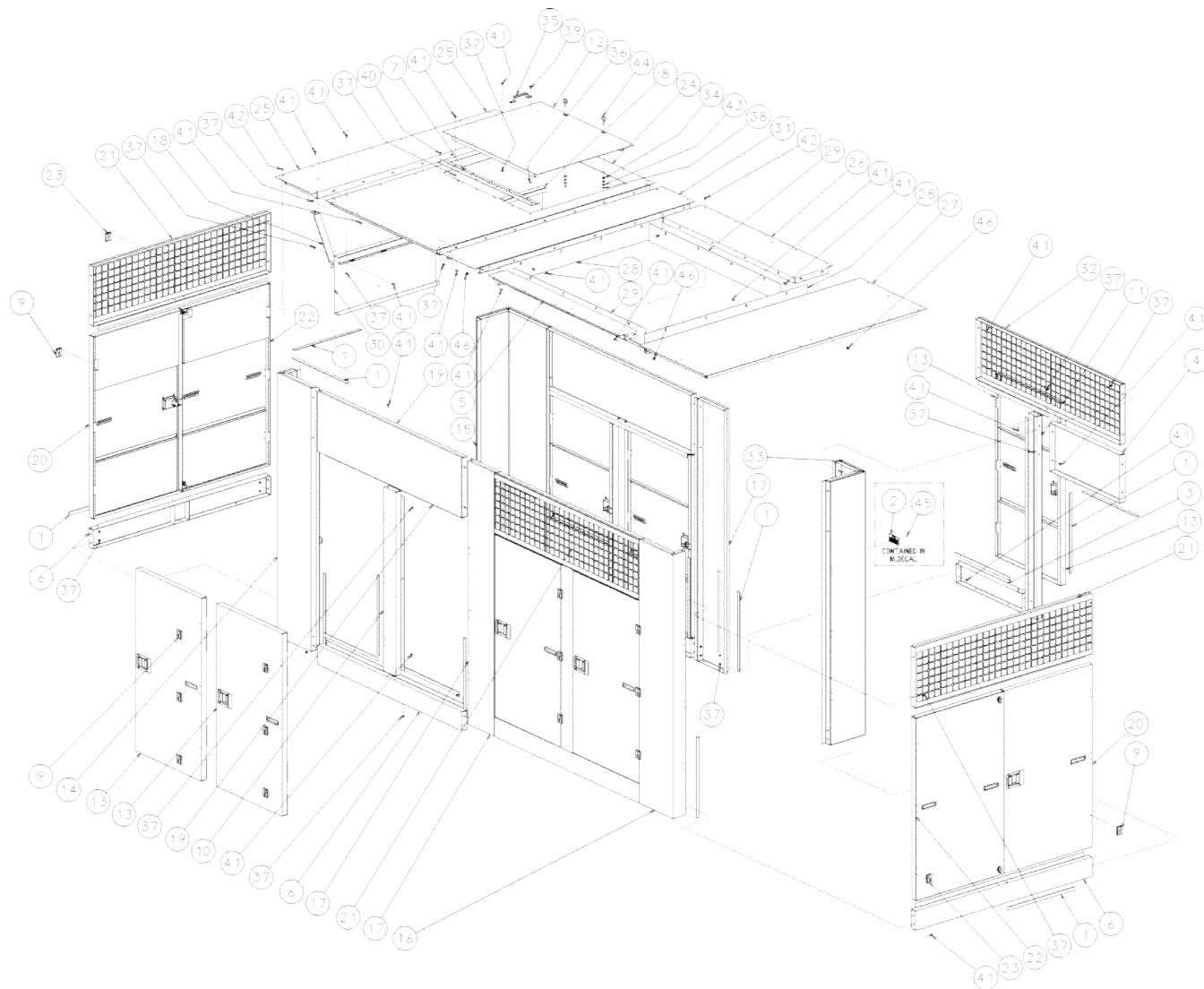


0250135-463 R05

1.29 INSULATION PANELS—WATER-COOLED ENCLOSURE

KEY NO.	PART NO.	QTY	DESCRIPTION
1	02250127-687	3	panel, acoustic foam 5.25 x 63 x 2
2	02250127-689	11	panel, acoustic foam 5.5 x 30 x 2
3	02250127-691	1	panel, acoustic foam 14.5 x 31 x 2
4	02250127-694	1	panel, acoustic foam 33 x 33.75 x 2
5	02250127-700	1	panel, acoustic foam 3.5 x 63 x 2
6	02250135-431	4	panel, acoustic foam 18.5 x 65.5 x 2
7	02250135-432	3	panel, acoustic foam 11.75 x 81.5 x 2
8	02250135-433	2	panel, acoustic foam 13 x 81.5 x 2
9	02250135-434	2	panel, acoustic foam 4.75 x 81.5 x 2
10	02250135-435	2	panel, acoustic foam 10.75 x 81.5 x 2
11	02250135-443	1	panel, acoustic foam 17 x 81.5 x 2
12	02250135-444	1	panel, acoustic foam 2 x 17.5 x 37.5
13	02250135-465	1	pnl,acst foam 2"x 17.5" x 49" spcl cuttouts
NOTES:			
ITEM #12 IS NOT USED WITH 500/600HP MACHINES.			
ITEM #13 IS NOT USED WITH WATER PIPING MODULE 02250175-289, M,WTRPP TS32SC-500/600AC PRL.			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.30 ENCLOSURE—AIR-COOLED



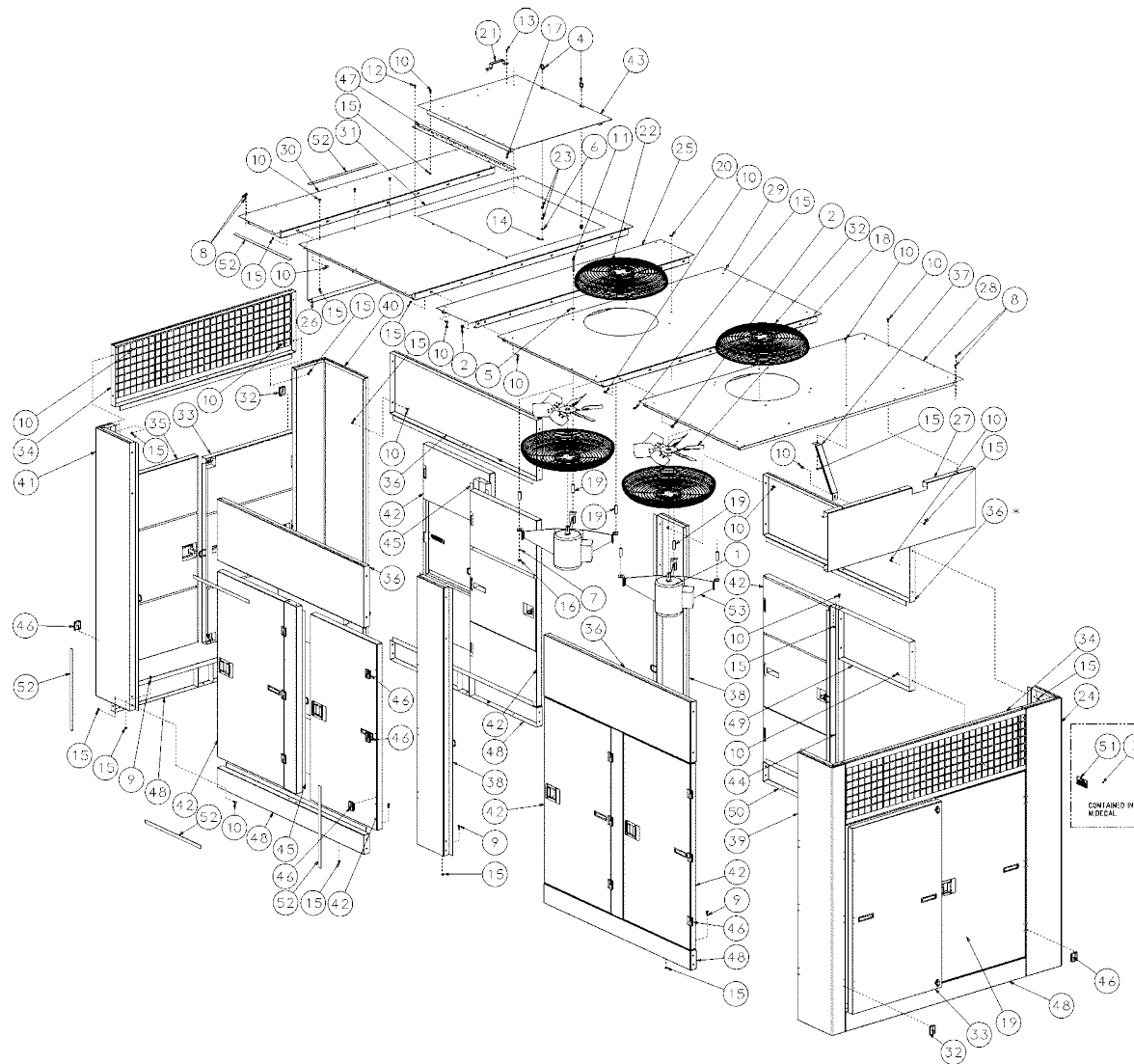
02250133-674 R05

1.30 ENCLOSURE—AIR-COOLED

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250058-345	34	strip,weather 1" x 1/8" foam (ft)	
2	02250059-318	1	nameplate, sullair serial number	
3	02250124-938	1	panel,sill short ts32a	
4	02250124-942	1	panel,header 60" str ts32 end	
5	02250127-100	1	panel, roof motor side ts32a-300/350ac	
6	02250129-475	5	panel, sill ts32a	
7	02250129-761	1	hinge, separator access door	
8	02250129-762	1	panel,baffle sep access door ts32a	
9	02250129-863	27	hinge, door 180deg rh lift-off	
10	02250130-219	3	support, canopy ts32a	
11	02250130-221	1	support, starter side ts32a	
12	02250130-226	1	cover, separator access	
13	02250130-227	7	panel, access assy 30" x 57"	(I)
14	02250131-172	1	support,corner air flt end ts32s	
15	02250131-942	1	support,corner rec tnk end ts32s	
16	02250131-945	1	support,corner wtr sep end ts32s	
17	02250133-839	2	support, canopy cntr post ts32s	
18	02250133-840	1	strap,bustle support ts32s ac/wc	
19	02250134-127	2	panel,canopy header ts32s	
20	02250134-175	2	pnl,acs assy 30 x 57" ts32s w/padlock latch	(I)
21	02250134-178	3	panel,canopy header unit end ts32s	
22	02250134-180	2	panel,acs assy 30 x 57"	(I)
23	02250134-279	6	hinge, door 180deg lh lift-off	
24	02250134-437	1	panel, roof tnk opening ts32s ac/wc	
25	02250134-495	1	panel, roof unit end ts32s	
26	02250134-529	1	panel,roof-str side ts32s ac	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
27	02250134-530	1	panel,roof-mtr end ts32s ac	
28	02250134-650	2	angle,roof/clr seal ts32s ac 60-5/8"l	
29	02250134-670	2	angle,roof/clr seal ts32s ac 60-1/8"l	
30	02250134-771	1	panel,baffle ts32s-acac	
31	02250135-898	1	panel,roof-center ts32s ac/wc	
32	02250138-949	1	panel, canopy header grille ts32sc str side	
33	02250139-442	1	support,corner-str ts32sc	
34	040125	4	grommet,rubber	
35	042262	1	handle, canopy	
36	825104-226	2	nut,hex pltd 1/4-20	
37	825305-283	92	nut,hex f pltd 5/16-18	
38	825505-166	2	nut,hex locking 5/16-18	
39	829104-075	2	capscrew,hex gr5 1/4-20 x 3/4	
40	829105-075	6	capscrew,hex gr5 5/16-18 x 3/4	
41	829705-075	116	screw, hex ser washer 5/16-18 x 3/4	
42	834504-050	43	screw, self-drill 1/4 x 1/2	
43	838205-071	2	washer, pl-b reg pltd 5/16	
44	839105-112	2	eyebolt,5/16-18 x 1 1/8" pltd	
45	843102-050	4	rivet, pop 1/8 x 1/2	
46	861405-092	24	nut,retainer 5/16-18 .092	
NOTE:				
(*) ITEM #4 (02250124-942) IS NOT USED WITH THE 63" STARTER BOX.				
(I) For door panel handle and latch replacement, order padlockable lever action latch no. 02250120-349, lift pocket handle no. 02250126-149, and/or quarter-turn latch no. 02250135-276.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.31 ENCLOSURE—WATER-COOLED



02250133-675 R08

1.31 ENCLOSURE—WATER-COOLED

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	FAN MOTOR	2	MTR.,.75HP	
2	861405-092	15	NUT, RETAINER 5/16-18 .092	
3	843102-050	4	RIVET, POP 1/8 X 1/2	
4	839105-112	2	EYEBOLT, 5/16-18 X 1 1/8" PLTD	
5	838207-071	6	WASHER, PL-B REG PLTD 7/16	
6	838205-071	2	WASHER, PL-B REG PLTD 5/16	
7	837807-112	6	WASHER, SPR LOCK REG PLTD 7/16	
8	834504-050	54	SCREW, SELF-DRILL 1/4 X 1/2	
9	829705-100	38	SCREW, HEX SER WASHER 5/16-18 X 1	
10	829705-075	114	SCREW, HEX SER WASHER 5/16-18 X 3/4	
11	829107-350	6	CAPSCR, HEX GR5 7/16-14 X 3 1/2	
12	829105-075	6	CAPSCR, HEX GR5 5/16-18 X 3/4	
13	829104-075	2	CAPSCR, HEX GR5 1/4-20 X 3/4	
14	825505-166	2	NUT, HEX LOCKING 5/16-18	
15	825305-283	134	NUT, HEX F PLTD 5/16-18	
16	825207-385	6	NUT, HEX PLTD 7/16-14	
17	825104-226	2	NUT, HEX PLTD 1/4-20	
18	245748	2	FAN, 20"	
19	227267	6	SPACER, FAN SUPPORT	
20	043194	6	CLAMP, WIRE	
21	042262	1	HANDLE, CANOPY	
22	041765	2	GUARD, FAN 24"	
23	040125	4	GROMMET, RUBBER	
24	02250139-442	1	SUPT,CORNER-STR TS32SC	
25	02250135-898	1	PNL,ROOF-CENTER TS32S AC/WC	
26	02250134-771	1	PNL,BAFFLE TS32S-ACAC	
27	02250134-732	1	PNL,BAFFLE MTR/UNIT END TS32S-WCAC	
28	02250134-497	1	PNL,ROOF FAN MTG TS32S WC-MTREND	
29	02250134-496	1	PNL,ROOF FAN MTG TS32S WC	
30	02250134-495	1	PNL,ROOF UNIT END TS32S AC/WC	
31	02250134-437	1	PNL,ROOF-TNK OPENING TS32S	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
32	02250134-279	6	HNG,DR 180DEG LH LIFT-OFF	
33	02250134-180	2	PNL,ACS ASSY 33 X 57" TS32S	(I)
34	02250134-178	2	PNL,CAN HEADER GRILLE TS32S	
35	02250134-175	2	PNL,ACS ASSY 33" X 57" TS32S	(I)
36	02250134-127	4	PNL,CANOPY HEADER TS32S SOLID	
37	02250133-840	1	STRAP,BUSTLE SUPPORT TS32SAC/WC	
38	02250133-839	2	SUPT,CAN CNTR POST TS32S	
39	02250131-945	1	SUPT,CORNER WTR SEP END TS32S	
40	02250131-942	1	SUPT,CORNER REC TNK END TS32S	
41	02250131-172	1	SUPT,CORNER AIR FLT END TS32S2S	
42	02250130-227	7	PANEL, ACCESS ASSY 30" x 57"	(I)
43	02250130-226	1	PNL,ACS ROOF TS32A SEP ACCESS	
44	02250130-221	1	SUPT,CAN STRSIDE TS32A-200/35	
45	02250130-219	3	SUPT,CAN TS32C-200/350	
46	02250129-863	27	HNG,DR 180DEG RH LIFT-OFF	
47	02250129-761	1	HINGE, SEPARATOR ACCESS DOOR	
48	02250129-475	5	PNL,CAN SILL LG TS32C-200/350	
49	02250124-942	1	PNL,CAN HEADER 48"STR TS32ACL	
50	02250124-938	1	PNL, SILL SHORT TS32A	
51	02250059-318	1	NPL, SULLAIR SERIAL NUMBER	
52	02250058-345	25	STRIP, WEATHER 1" X 1/8" FOAM (FT)	
53	014613	2	SUPPORT, FAN MOTOR	
NOTE:				
1. ITEM #26 IS NOT USED WITH 500/600HP MACHINES.				
2. ITEM #49 IS NOT USED WITH THE 63" STARTER BOX.				
3. ITEM #36 QTY 1 OF 4 IS REPLACED WITH PART NUMBER 02250137-777 WHEN 63" STARTER IS USED				
4. ITEM #27 & ITEM #37 NOT TO BE USED WITH WATER PIPING MODULE 02250175-289, M,WTRPP TS32SC-500				
(I) For door panel handle and latch replacement, order padlockable lever action latch no. 02250120-349, lift pocket handle no. 02250126-149, and/or quarter-turn latch no. 02250135-276.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

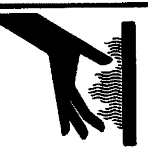
1.32 DECALS

WARNING



Do not operate without fan guard in place.

WARNING



Hot surfaces.
To avoid burns, keep hands and all parts of the body away.

WARNING



Disconnect all power at source, before attempting maintenance or adjustments.

DANGER



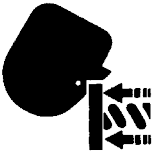
Lethal shock hazard inside.
Disconnect all power at source, before opening or servicing.

WARNING



Do not permit air from this equipment to contact food stuff except in full compliance with FDA Standard 21CFR178.3570, and all other applicable federal, state and local codes, standards and regulations.

WARNING



Cannister under spring pressure. When removing any screws on the cannister, mechanical restraints must be used. Tool Kit #606174-001 is available from SULLAIR unit parts Division, Michigan City, IN

WARNING



Do not remove caps, plugs, or other components when compressor is running or pressurized.
Stop compressor and relieve all internal pressure before doing so.

DANGER



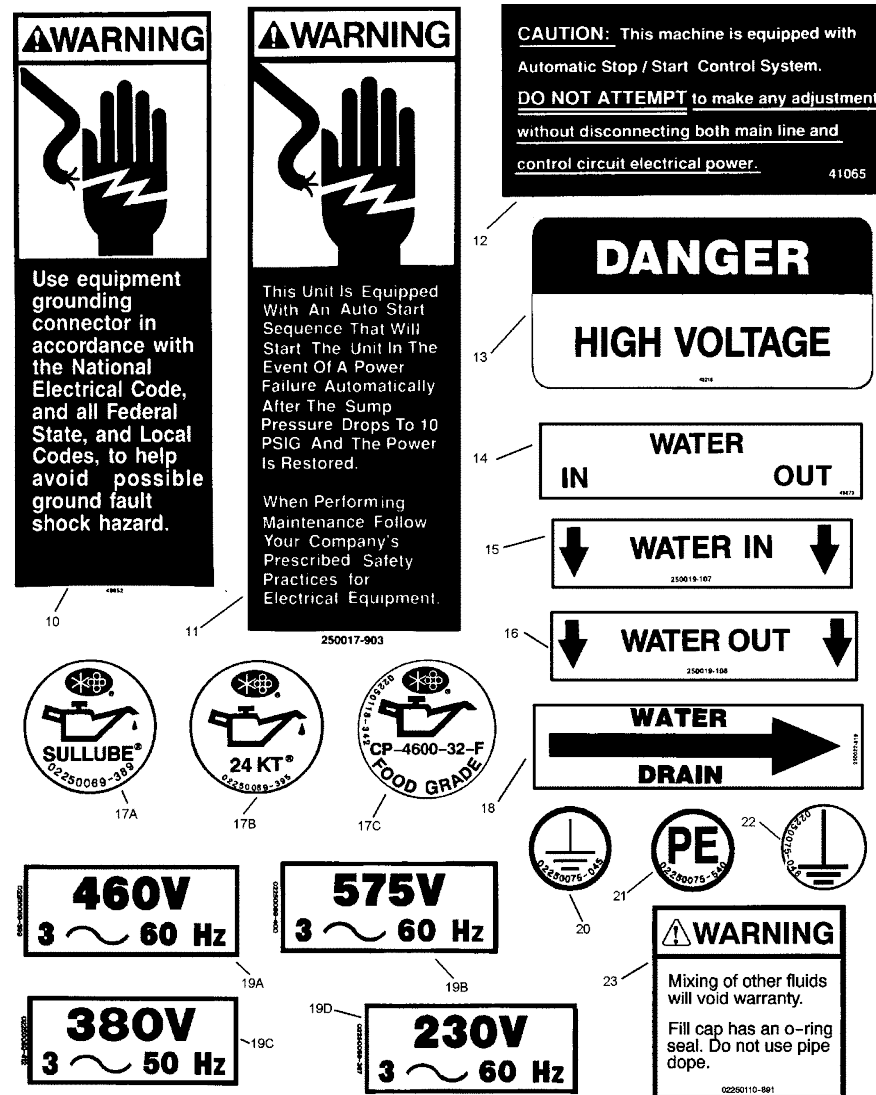
Death or serious injury can occur from inhaling compressed air without using proper safety equipment.
See OSHA standards on safety equipment.



1.32 DECALS

KEY NO.	PART NO.	QTY	DESCRIPTION
1	049965	1	sign, warning sever-fan port
2	407408	1	sign, warning hot surfaces
3	049855	2	sign, warning sever - fan
4	049850	1	sign, danger electrocution
5	250003-144	1	sign, warning "food grade" lube
6	250029-836	1	decal, warning actuator
7	049685	1	sign, warning "compressor fluid fill cap"
8	250027-935	1	sign, air breathing (danger)
9	02250057-603	2	decal, Sullair logo
			<i>Continued on page 69</i>
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

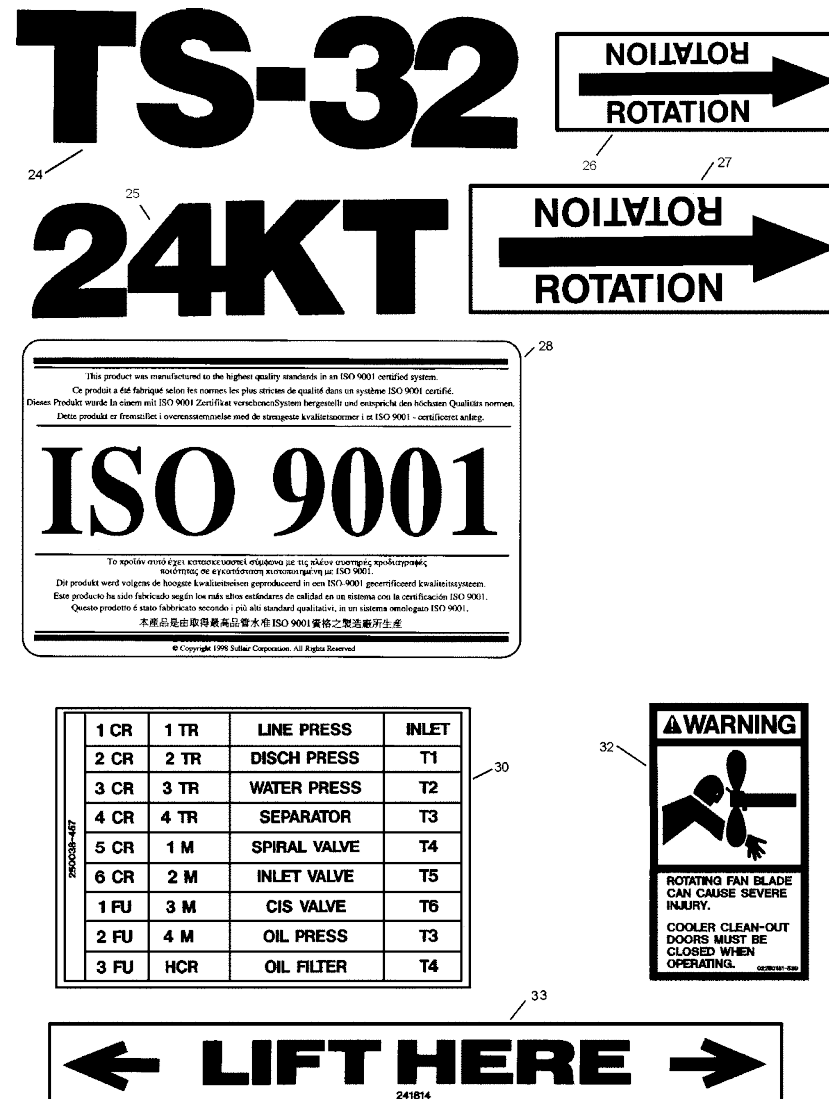
1.32 DECALS (CONTINUED)



1.32 DECALS

KEY NO.	PART NO.	Q T Y	DESCRIPTION
10	049852	1	sign, warning ground fault
11	250017-903	1	decal, warning auto start
12	041065	1	decal, autostart
13	042218	1	decal, danger high voltage
14	049873	1	decal, water inlet-outlet
15	250019-107	1	decal, water in
16	250019-108	1	decal, water out
17A	02250069-389	1	decal, fluid Sullube
17B	02250069-395	1	decal, fluid 24KT
17C	02250118-342	1	decal, fluid CP-4600-32-F
18	250022-810	1	decal, water drain
19A	02250069-399	1	decal, V 460/3/60 international
19B	02250069-400	1	decal, V 575/3/60 international
19C	02250069-412	1	decal, V 380/3/50 international
19D	02250069-397	1	decal, V 230/3/60 international
20	02250075-045	1	decal, protective earth ground
21	02250075-540	1	decal, PE designation
22	02250075-046	1	decal, earth ground
23	02250110-891	1	decal, warning mixing fluids
			Continued on page 69
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

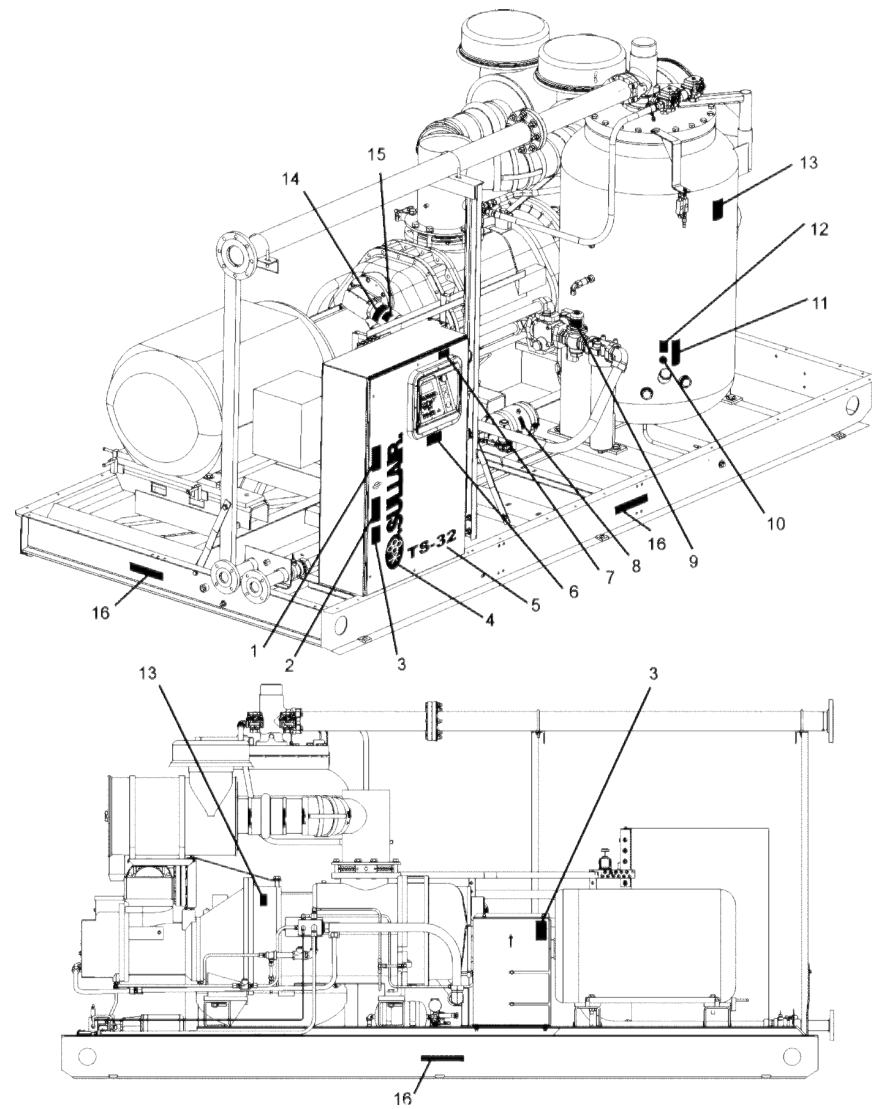
1.32 DECALS (CONTINUED)



1.32 DECALS

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	02250061-385	1	decal, TS-32	
25	02250061-022	1	decal, compressor fluid 24KT	
26	250021-564	1	decal, rotation	
28	VARIOUS	1	decal, ISO 9001	(I)
30	250038-457	1	decal, electrical component ID	
32	02250131-539	1	sign, warning sever fan door closed	
33	241814	1	decal, fork lifting	
NOTES:				
(I) ISO decal may vary per machine. To determine the proper part number of this decal, consult factory with machine serial number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

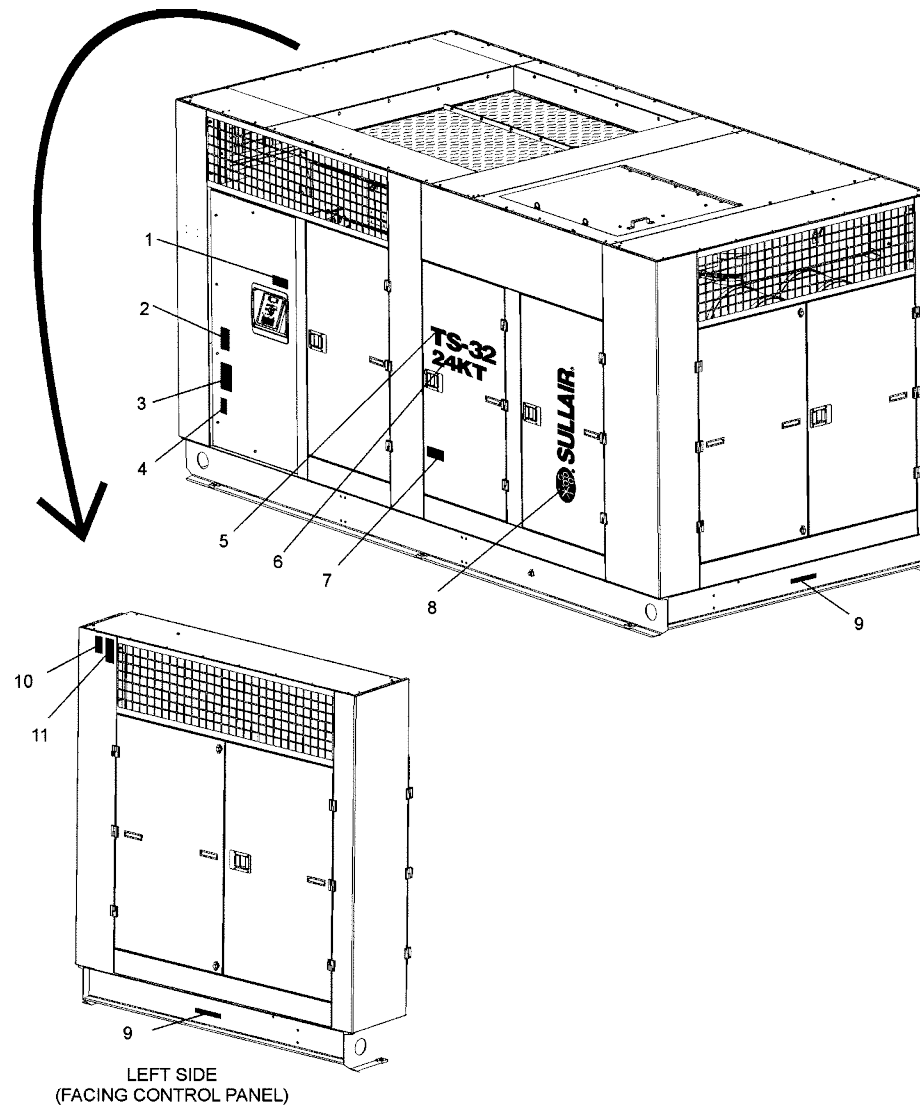
1.33 DECAL LOCATIONS



1.33 DECALS LOCATIONS

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	049850	1	sign, danger electrocution	
2	250017-903	1	decal, warning auto start	
3	049855	2	sign, warning sever - fan	
4	02250057-603	1	decal, Sullair logo	
5	02250061-385	1	decal, TS-32	
6	VARIOUS	1	decal, ISO 9001	(I)
7	041065	1	decal, autostart	
8	250022-810	1	decal, water drain	
9	4102389	1	decal, OSV pn 016742	
10	VARIOUS		decal, fluid	(II)
11	049685	1	sign, warning "compressor fluid fill cap"	
12	02250110-891	1	decal, warning mixing fluids	
13	407408	3	sign, warning hot surfaces	
14	250029-836	1	decal, warning actuator	
15	250029-784	1	decal, actuator valve positioning	
16	241814	4	decal, fork lifting	
NOTES:				
(I) ISO decal may vary per machine. To determine the proper part number of this decal, consult factory with machine serial number.				
(II) Fluid decal will vary per machine fill. To determine the compressor's proper fill decal, consult factory with machine serial number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

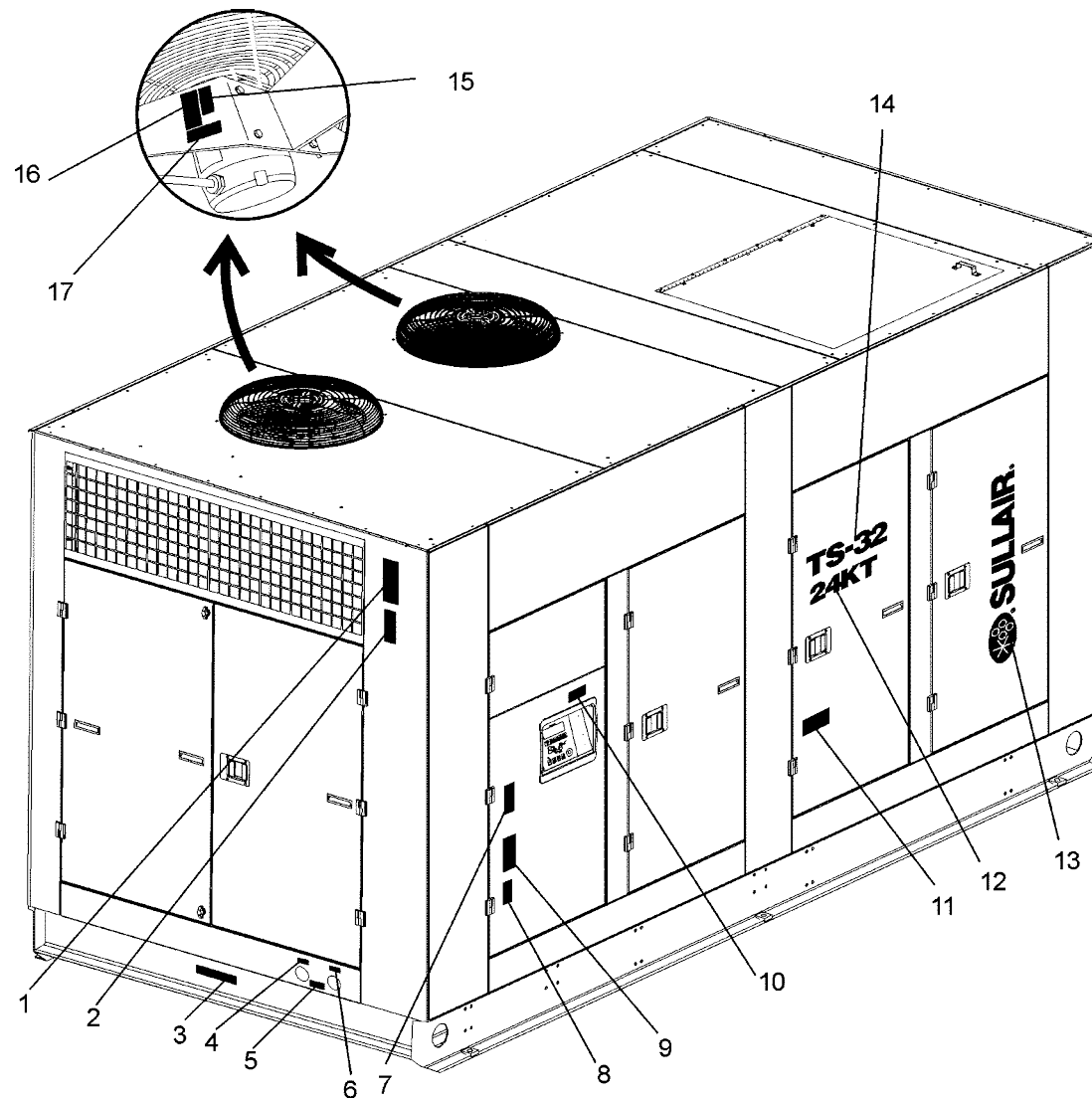
1.34 DECAL LOCATIONS—AIR-COOLED ENCLOSURE (TYPICAL)



1.34 DECAL LOCATIONS—AIR-COOLED ENCLOSURE (TYPICAL)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	041065	1	decal, autostart	
2	049850	1	sign, danger electrocution	
3	250017-903	1	decal, warning auto start	
4	049855	2	sign, warning sever - fan	
5	02250061-385	1	decal, TS-32	
6	02250061-022	1	decal, 24KT	(I)
7	VARIOUS	1	decal, ISO 9001	(II)
8	02250057-603	2	decal, Sullair logo	
9	241814	4	decal, fork lifting	
10	250027-935	1	sign, air breathing (danger)	
11	250003-144	1	sign, warning "food grade" lube	
NOTES:				
(I) Decal is valid for machines using 24KT fluid only.				
(II) ISO decal may vary per machine. To determine the proper part number of this decal, consult factory with machine serial number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

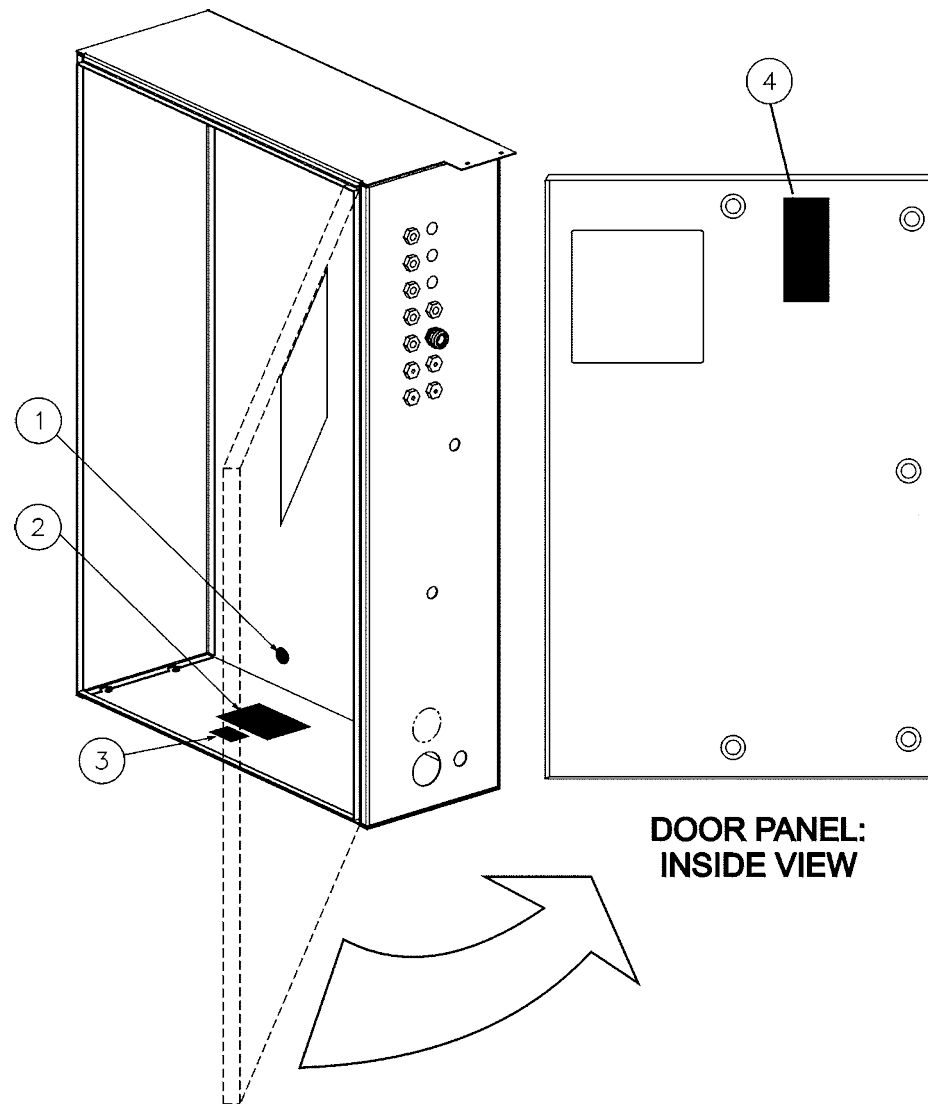
1.35 DECAL LOCATIONS—WATER-COOLED ENCLOSURE (TYPICAL)



1.35 DECAL LOCATIONS—WATER-COOLED ENCLOSURE (TYPICAL)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	250003-144	1	sign, warning "food grade" lube	
2	250027-935	1	sign, air breathing (danger)	
3	241814	4	decal, fork lifting	
4	250019-108	1	decal, water out	
5	049873	1	decal, water inlet-outlet	
6	250019-107	1	decal, water in	
7	049850	1	sign, danger electrocution	
8	049855	2	sign, warning sever - fan	
9	250017-903	1	decal, warning auto start	
10	041065	1	decal, autostart	
11	VARIOUS	1	decal, ISO 9001	(II)
12	02250061-022	1	decal, 24KT	(I)
13	02250057-603	2	decal, Sullair logo	
14	02250061-385	1	decal, TS-32	
15	049965	1	sign, warning sever-fan port	
16	049855	1	sign, warning sever - fan	
17	250021-564	1	decal, rotation	
NOTES:				
(I) ISO decal may vary per machine. To determine the proper part number of this decal, consult factory with machine serial number.				
(II) Decal is valid for machines using 24KT fluid only.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

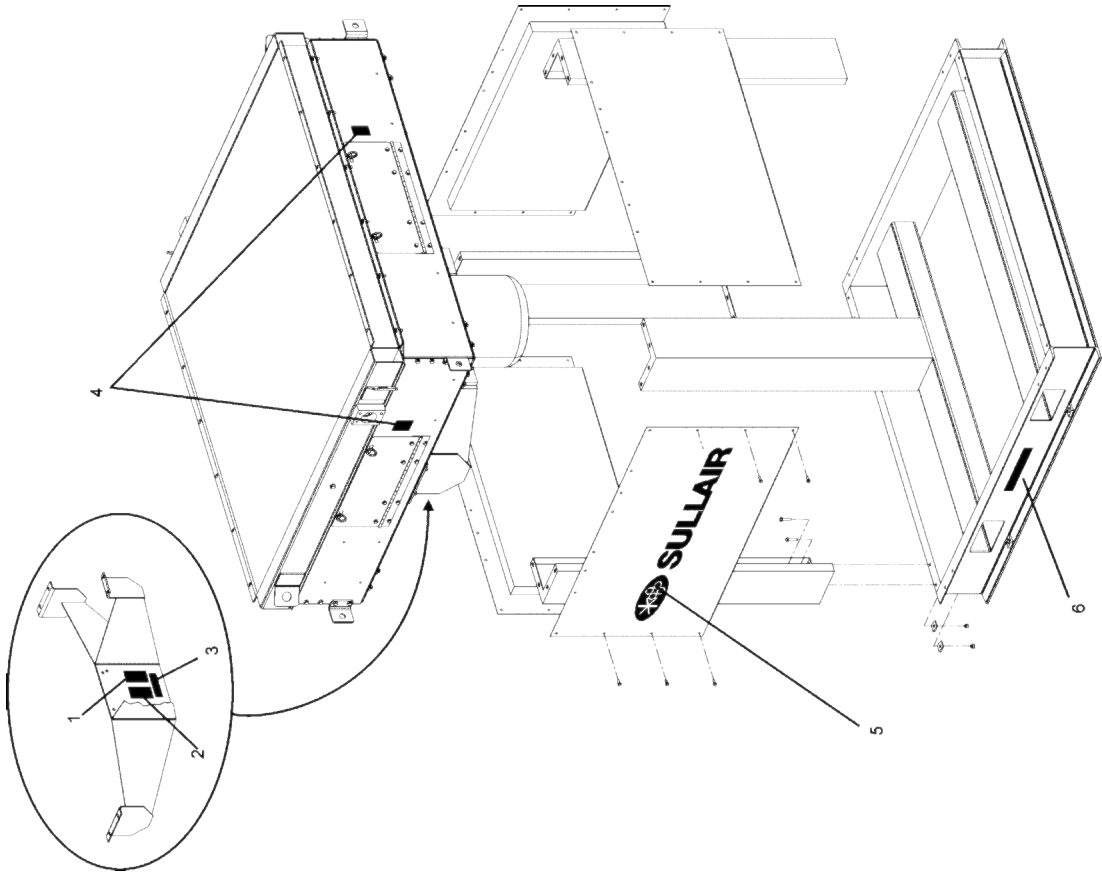
1.36 DECAL LOCATIONS—CONTROL BOX



1.36 DECAL LOCATIONS—CONTROL BOX

KEY NO.	PART NO.	QTY	DESCRIPTION
1	02250075-045	2	decal, protective earth ground
2	042218	1	decal, danger high voltage
3	02250069-399	1	decal, V 460/3/60 international
	02250069-400	1	decal, V 575/3/60 international
	02250069-412	1	decal, V 380/3/50 international
	02250069-397	1	decal, V 230/3/60 international
4	049852	1	sign, warning ground fault
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

1.37 DECAL LOCATIONS—AFTER-COOLER 500-600HP



1.37 DECAL LOCATIONS—AFTER-COOLER 500-600HP

KEY NO.	PART NO.	QTY	DESCRIPTION
1	049965	1	sign, warning sever-fan port
2	049855	1	sign, warning sever - fan
3	250021-564	1	decal, rotation
4	02250131-539	4	sign, warning sever fan door closed
5	02250057-603	2	decal, Sullair 4.5 x 36 black
6	241814	2	decal, fork lifting
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR			

NOTES

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