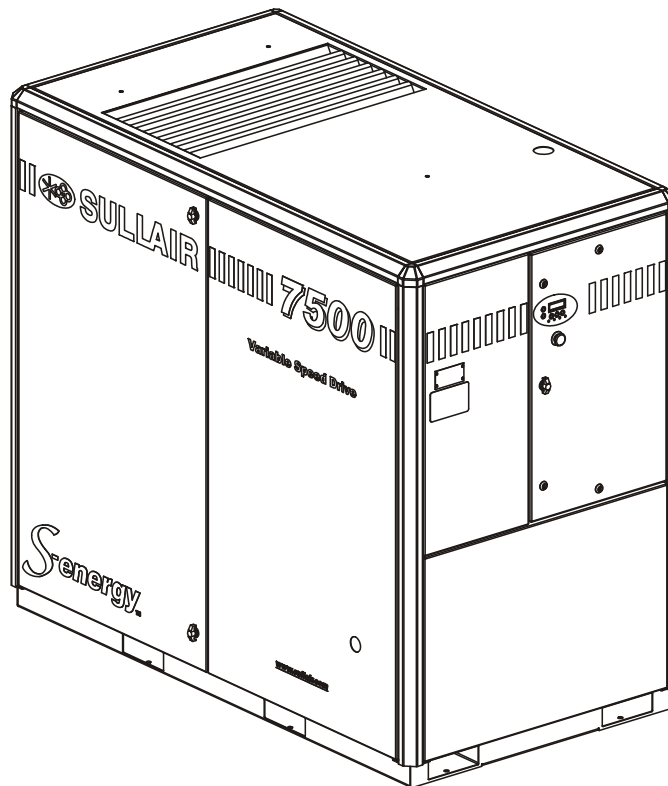




PARTS LIST MANUAL

INDUSTRIAL AIR COMPRESSOR
4500P, 5500, 7500, 4500PV,
5500V, 7500V, 4500PS, 5500PS, 7500S/PS,
7500PV, 45, 55 & 75 KW:60, 75 & 100 HP



PART NUMBER:
02250176-185 R01

**KEEP FOR
FUTURE
REFERENCE**

WARRANTY NOTICE

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

©SULLAIR CORPORATION

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

200806090000

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.

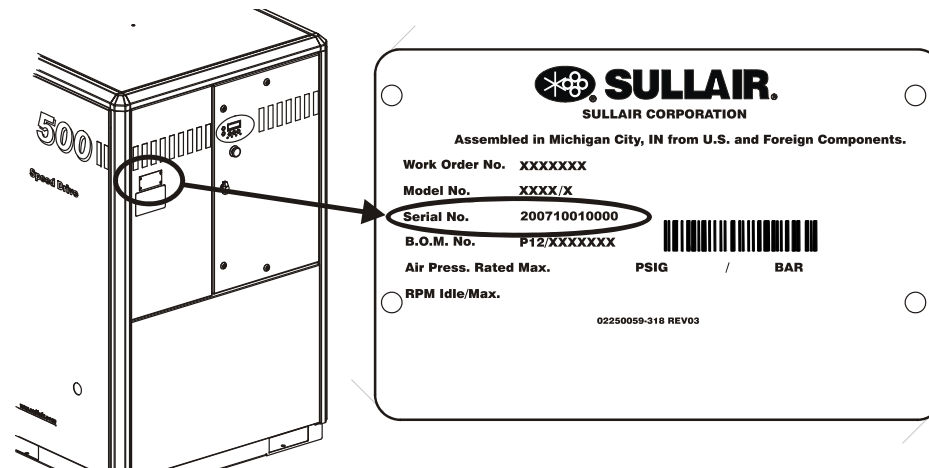
When ordering parts always indicate the Serial Number of the compressor. This can be obtained from the Bill of Lading for the

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	SULLAIR ASIA, LTD.	SULLAIR EUROPE, S.A.	CHAMPION COMPRESSORS, LTD.
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 Road, No. 1 Chiwan, Shekuo Shenzhen, Guangdong PRV. PRC POST CODE 518068 Telephone: 755-6851686 Fax: 755-6853473 www.sullair-asia.com	Zone Des Granges BP 82 42602 Montbrison, France Telephone: 33-477968470 Fax: 33-477968499 www.sullaireurope.com	Princess Highway Hallam, Victoria 3803 Australia Telephone: 61-3-9796-4000 Fax: 61-3-9703-8053 www.championcompressors.com.au

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
ELEMENTS				
1	02250168-084	1	element, compressor fluid filter 02250164-928	
2	02250168-053	1	element, air filter assembly 02250164-930	
3	02250169-993	1	element, replacement for separator 02250160-774	
KITS				
4	02250125-376	1	kit, vacuator valve for air filter assembly 02250164-930	
5	250018-456	1	kit, repair for minimum pressure / check valve 02250109-817 (100hp)	
6	02250110-727	1	kit, repair for minimum pressure / check valve 02250097-598 (60 & 75hp)	
7	02250144-327	1	kit, repair for thermal valve (195°F) 02250092-081	
8	02250144-326	1	kit, repair for thermal valve (185°F) 02250078-204	
9	250019-453	1	kit, repair for pressure regulator 250017-280	
10	02250100-042	1	kit, repair for blowdown valve 02250100-042	
11	02250157-500	1	kit, repair for control solenoid valve 02250155-714	
12	02250157-502	1	kit, coil replacement for control solenoid valve 02250155-714	
13	02250171-245	1	kit, repair for condensate drain solenoid valve 02250170-783	
14	02250171-243	1	kit, coil replacement for condensate drain solenoid valve 02250170-783	
15	02250166-220	1	kit, seal inlet valve 0250166-128 16 series	
16	02250166-230	1	kit, rebuild inlet valve 0250166-128 16 series	
17	02250169-605	1	kit, shaft seal replacement, 18 series	
18	02250169-607	1	kit, inlet valve repair 18 series	
19	02250169-608	1	kit, inlet valve rebuild 18 series	

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

PARTS LIST

KEY NO.	ORDER PART NO.	QTY	DESCRIPTION	NOTE
20	02250169-625	1	kit, tool, spiral valve actuator diaphragm repair 18 series	
21	608311-001	1	kit, spiral valve diaphragm repair	
22	241772	1	kit, repair for v-type strainer 241771 16 series	
23	02250050-364	1	kit, repair for shaft seal 16 series	
24	602542-001	1	kit, tool for shaft seal installation 16 and 18 series	
25	02250117-782	2	filter, scavenge line 02250117-782	
26	02250166-758	1	kit, seal replacement for separator trap 02250166-735	
27	02250166-758	1	kit, seal replacement for separator trap 02250166-736	
28	02250171-245	1	kit, strainer assembly for condensate drain 02250170-783	
29	02250171-102	1	kit, hoses, air-cooled 16 series	
30	02250171-103	1	kit, hoses, water-cooled 16 series	
LUBRICATION				
31	250019-662	1	fluid, SRF 1/4000 (5 gal/19 liter)	(I)
32	250022-669	1	lubricant, Sullube (Std.) (5 gal/19 liter)	(I)
33	02250051-153	1	lubricant, 24 KT (5 gal/19 liter)	(I)
34	250029-008	1	lubricant, Food Grade (5 gal/19 liter)	(I)

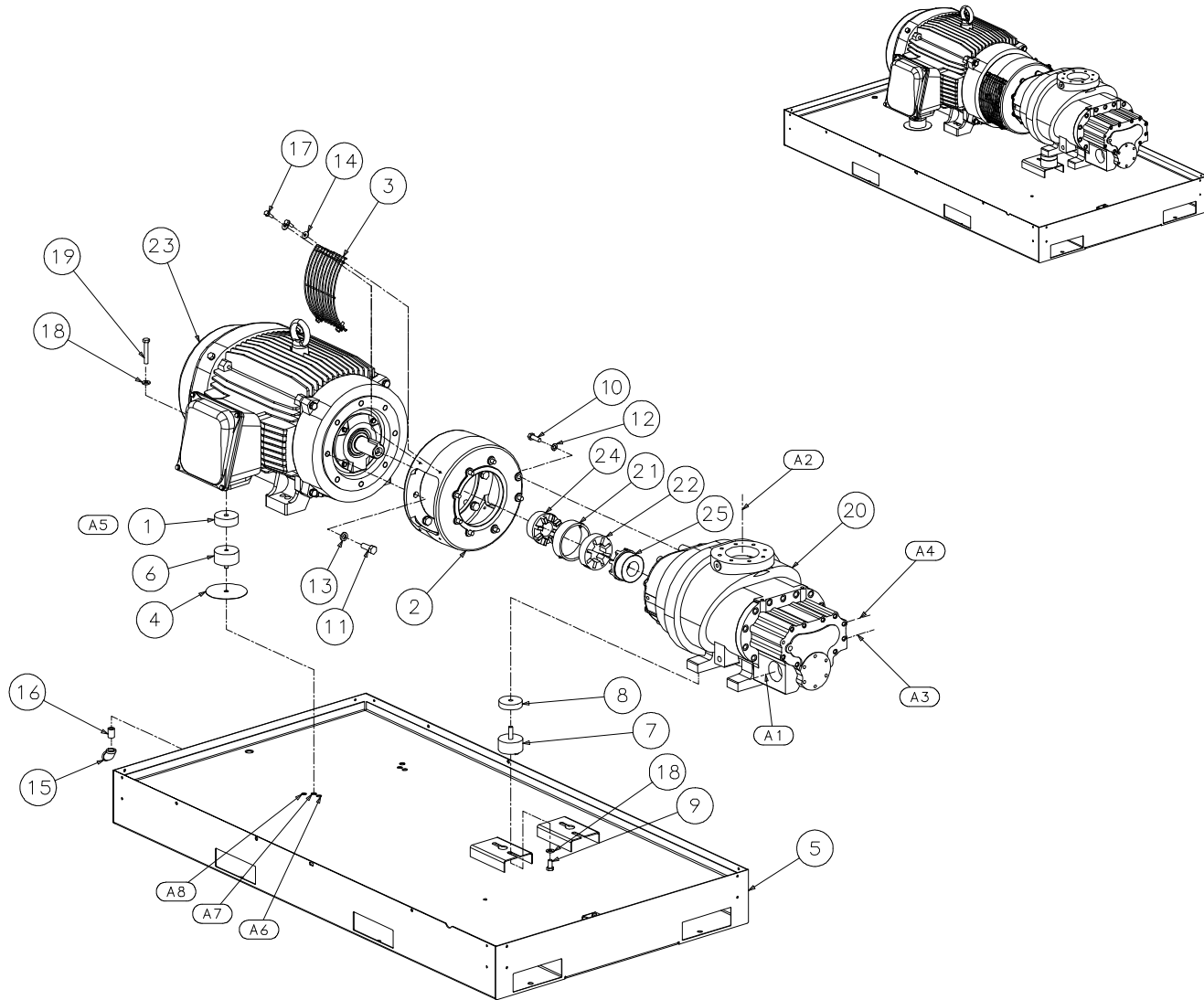
(I) For proper amount of fluid fill, please consult Lubrication Guide in Section 3, Specifications.


CAUTION

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 16 SERIES



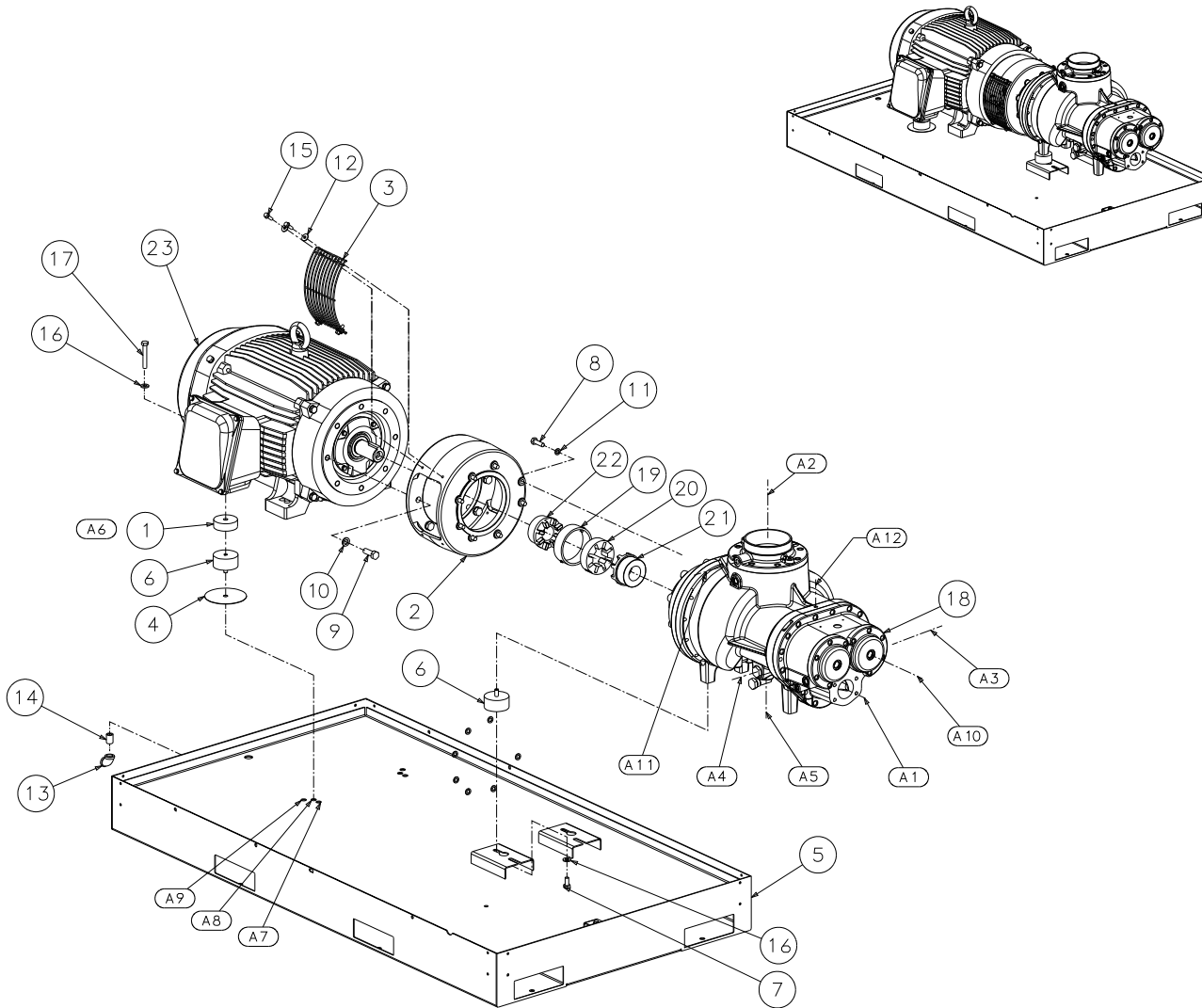
02250161-703R01

1.3 COMPRESSOR, FRAME AND DRIVE 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250151-499	2	spacer,air end shaft height 60hp	
2	02250151-630	1	adapter, compr/motor 50hp ma	
3	02250152-346	2	grille,coupling guard 50hp	
4	02250156-393	2	plate, motor seal 3000/3700/4500	
5	02250161-606	1	frame,p16/18	
6	02250162-372	2	isolator, vibrationration p16/18	
7	02250162-373	2	isolator, vibrationration unit p16	
8	02250166-329	2	spacer,air end shaft height p16	
9	828012-025	2	capscrew,hex 8.8 m12 x 25mm	
10	829108-150	8	capscrew,hex gr5 1/2-13 x 1 1/2	
11	829110-175	8	capscrew,hex gr5 5/8-11 x 1 3/4	
12	837808-125	8	washer, spr lock reg pltd 1/2	
13	837810-156	8	washer, spr lock reg pltd 5/8	
14	865708-240	8	washer, iso 7093-8-140hv	
15	866215-020	1	elbow, pipe 90 deg plt 1/2"	
16	866408-000	1	nipple,pipe-xs plt 1/2 x cl	
17	882608-025	8	screw, hex serr washer m8 x 25	
18	883212-254	4	washer, nord-lock pl m12 sp	
19	CAPSCR	2	various	
20	COMPR	1	various	
21	COVER	1	various	
22	ELEMENT	1	various	
23	MAIN	1	various	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	MTR	1	various	
25	UNIT	1	various	
A1: TO SEPARATOR/SUMP TANK				
A2: FROM AIR INLET FILTER				
A3: OIL RETURN SCAVENGE LINE				
A4: FROM BYPASS VALVE				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.4 COMPRESSOR, FRAME AND DRIVE 18 SERIES



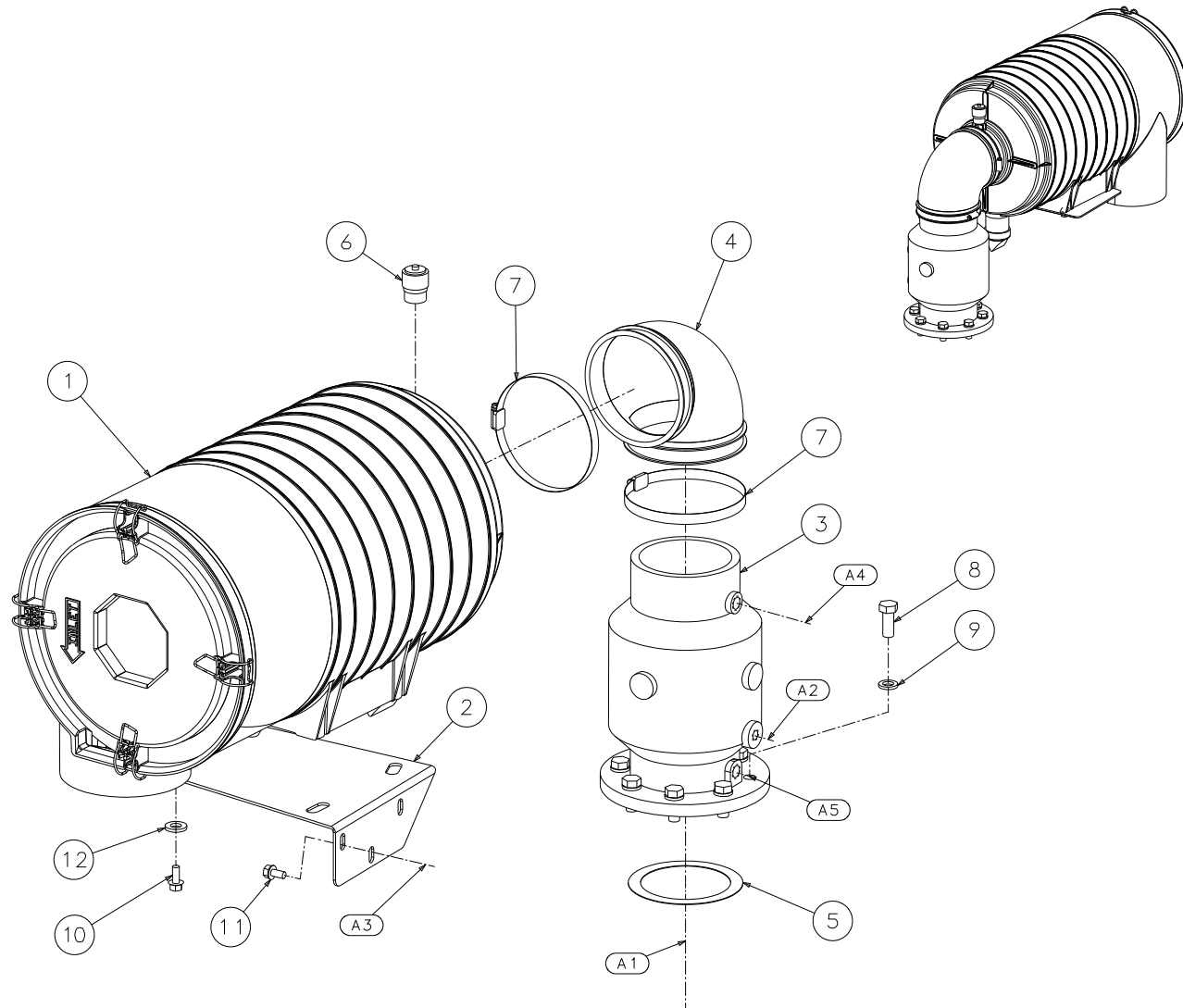
02250170-130-R01

1.4 COMPRESSOR, FRAME AND DRIVE 18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250151-499	2	spacer,air end shaft height 60hp	
2	02250151-630	1	adapter, compr/motor 50hp ma	
3	02250152-346	2	grille,coupling guard 50hp	
4	02250156-393	2	plate, motor seal 3000/3700/4500	
5	02250161-606	1	frame,p16/18	
6	02250162-372	4	isolator, vibrationration p16/18	
7	828012-025	2	capscrew,hex 8.8 m12 x 25mm	
8	828012-040	8	capscrew,hex 8.8 m12 x 40mm	
9	829110-175	8	capscrew,hex gr5 5/8-11 x 1 3/4	
10	837810-156	8	washer, spr lock reg pltd 5/8	
11	838812-250	8	washer, spr lock-metric pltd m12	
12	865708-240	8	washer, iso 7093-8-140hv	
13	866215-020	1	elbow, pipe 90 deg plt 1/2"	
14	866408-000	1	nipple,pipe-xs plt 1/2 x cl	
15	882608-025	8	screw, hex serr washer m8 x 25	
16	883212-254	4	washer, nord-lock pl m12 sp	
17	CAPSCR	2	various	
18	COMPR	1	t various	
19	COVER	1	various	
20	ELEMENT	1	various	
21	HUB	1	pr various	
22	HUB	1	or various	
23	MAIN	1	or various	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A1: TO SEPARATOR/SUMP TANK				
A2: FROM AIR INLET FILTER				
A3: SPIRAL VALVE TO PRESSURE REGULATOR CONNECTION				
A4: FROM BYPASS VALVE SPIRAL VALVE UNIT				
A5: FROM BYPASS VALVE NON-SPIRAL VALVE UNIT				
A6: SPACER NOT USED ON 75HP & 100HP 404 FRAME AND LARGER				
A7: MOTOR MOUNTING HOLES 60HP- 364TSC ODP/TEFC				
A8: MOTOR MOUNTING HOLES 75HP- 365TSC ODP/TEFC & 100HP- 365TSC ODP				
A9: MOTOR MOUNTING HOLES 75HP & 100HP 404TSC ODP/405TSC TEFC				
A10: OIL RETURN SCAVENGE LINE				
A11: BLOWDOWN VALVE CONNECTION				
A12: TO SOLENOID 1				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.5 AIR INLET SYSTEM 16 SERIES

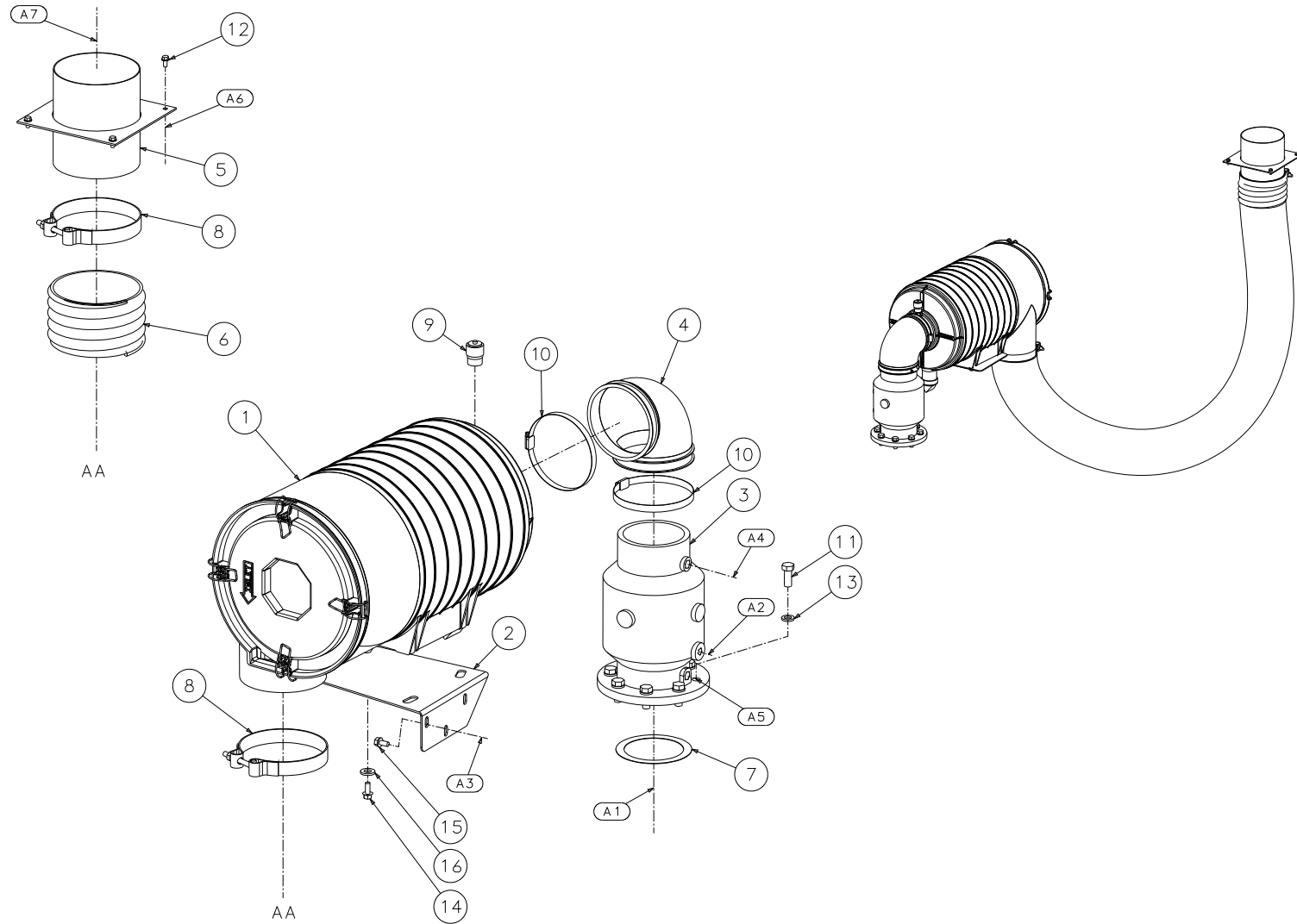


02250161-706-R00

1.5 AIR INLET SYSTEM 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250164-930	1	filter, air 5" 2 stg p16/18	
2	02250165-320	1	plate,air filter mounting p16/18	
3	02250166-128	1	valve, inlet 4" p16 low pilot pres	
4	02250167-063	1	elbow,rub 90 130mm id	
5	040708	1	gasket, 1/32 x 5 1/4odx4 1/8id	
6	250003-869	1	indicator, restriction 20" h20	
7	408153	2	clamp,hose 6"dia worm drive	
8	829108-125	8	capscrew,hex gr5 1/2-13 x 1 1/4	
9	837808-125	8	washer, spr lock reg pltd 1/2	
10	882608-020	4	screw, hex serr washer m8 x 20	
11	883008-016	3	screw, tf-hex m8 x 16 blk zinc	
12	883212-254	4	washer, nord-lock pl m12 sp	
A1: TO AIR INLET ON COMPRESSOR UNIT				
A2: TO UNLOAD SOLENOID VALVE				
A3: MOUNTS TO BRACKET ON RECEIVER TANK				
A4: TO BLOWDOWN VALVE ORIFICE				
A5: FROM BLOWDOWN VALVE				
SERVICE KITS FOR 02250166-128				
02250166-220 KIT,INL REPAIR 5" VALVE				
02250166-230 KIT,SEAL 5" INLET VALVE REPAIR				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.6 REMOTE AIR INLET OPTION 16 SERIES



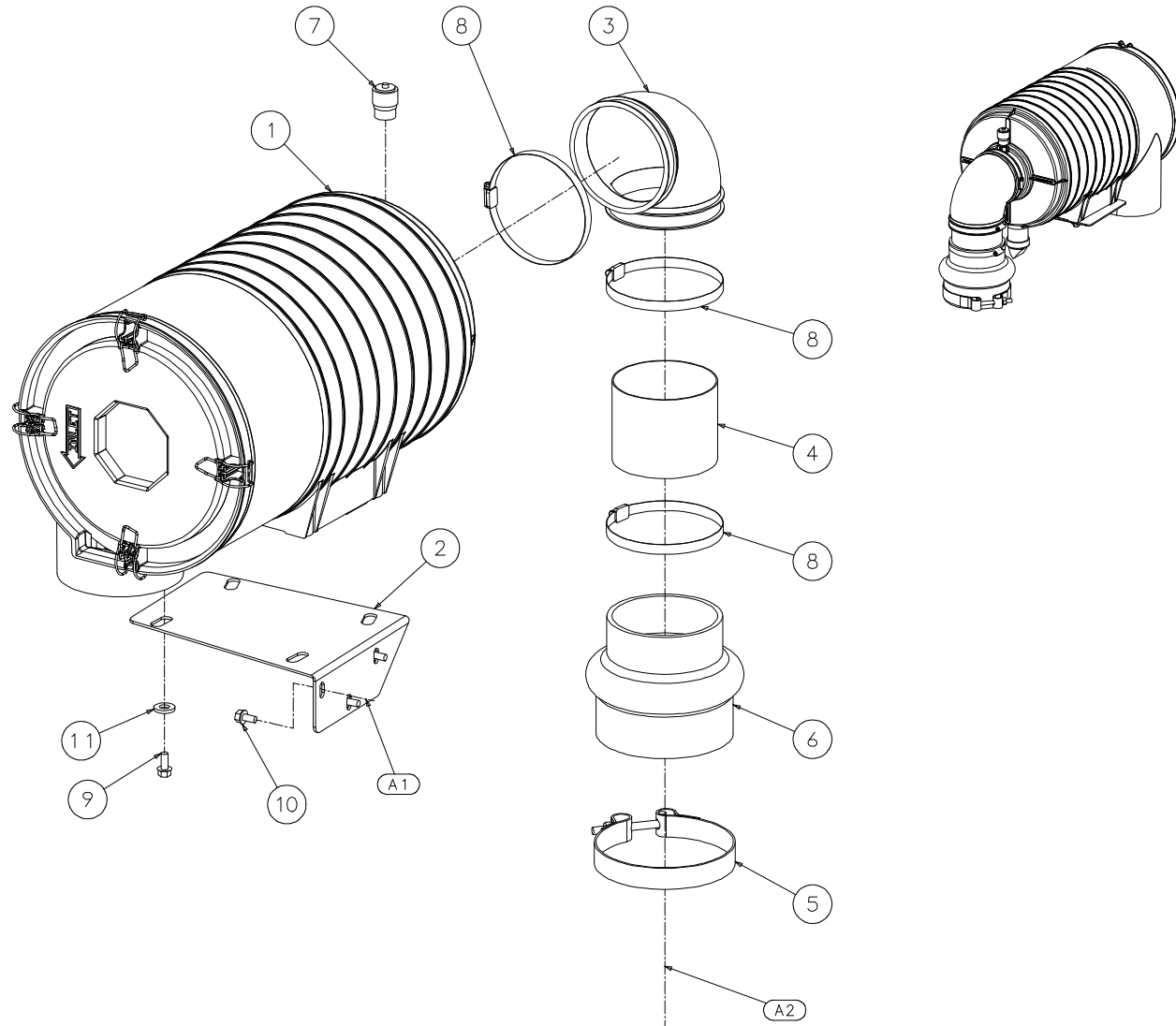
02250171-927-R00

1.6 REMOTE AIR INLET OPTION 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250164-930	1	filter, air 5" 2 stg p16/18	
2	02250165-320	1	plate,air filter mounting p16/18	
3	02250166-128	1	valve, inlet 4" p16 low pilot pres	
4	02250167-063	1	elbow,rub 90 130mm id	
5	02250171-940	1	adapter, air inlet remote 6" p16/18	
6	02250171-948	7	hose, flexible 6" id vacuum rated	
7	040708	1	gasket, 1/32 x 5 1/4odx4 1/8id	
8	242000	2	clamp, t-bolt ss band 6.00" id	
9	250003-869	1	indicator, restriction 20" h20	
10	408153	2	clamp,hose 6" dia worm drive	
11	829108-125	8	capscrew,hex gr5 1/2-13 x 1 1/4	
12	834504-050	4	screw, self-drill 1/4 x 1/2	
13	837808-125	8	washer, spr lock reg pltd 1/2	
14	882608-020	4	screw, hex serr washer m8 x 20	
15	883008-016	3	screw, tf-hex m8 x 16 blk zinc	
16	883212-254	4	washer, nord-lock pl m12 sp	
A1: TO AIR INLET ON COMPRESSOR UNIT				
A2: TO UNLOAD SOLENOID VALVE				
A3: MOUNTS TO BRACKET ON RECEIVER TANK				
A4: TO BLOWDOWN VALVE ORIFICE				
A5: FROM BLOWDOWN VALVE				
A6: TO ROOF PANEL				
A7: TO CUTOUT IN ROOF PANEL				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
SERVICE KITS FOR 02250166-128				
	02250166-220		KIT,INL REPAIR 5" VALVE	
	02250166-230		KIT,SEAL 5" INLET VALVE REPAIR	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.7 AIR INLET SYSTEM 18 SERIES

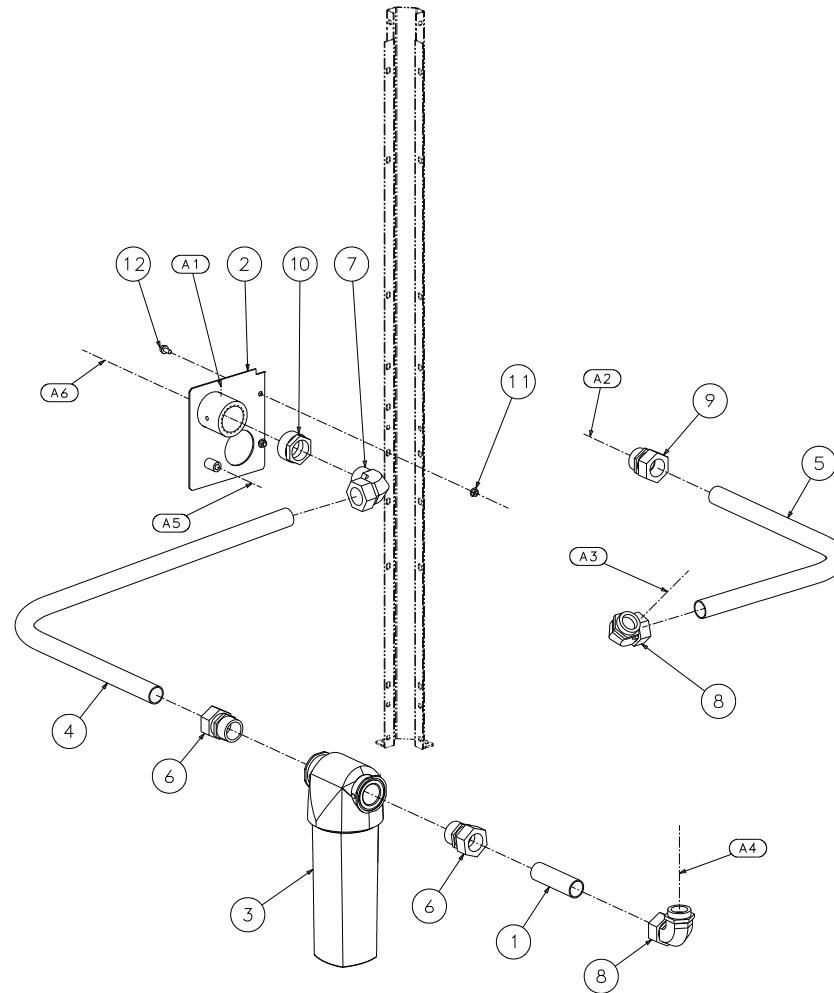


02250170-192-R00

1.7 AIR INLET SYSTEM 18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250164-930	1	filter, air 5" 2 stg p16/18	
2	02250165-320	1	plate,air filter mounting p16/18	
3	02250167-063	1	elbow,rub 90 130mm id	
4	02250167-370	1	tube, aluminum 5"od x 8"lng p18 ac	
5	040305	1	clamp, t-bolt ss band 6.75" id	
6	047504	1	hose, reducing hump 6 x 5"	
7	250003-869	1	indicator, restriction 20" h20	
8	408153	3	clamp,hose 6"dia worm drive	
9	882608-020	4	screw, hex serr washer m8 x 20	
10	883008-016	3	screw, tf-hex m8 x 16 blk zinc	
11	883212-254	4	washer, nord-lock pl m12 sp	
A1: MOUNTS TO BRACKET ON SEPARATOR/SUMP TANK				
A2: TO AIR INLET ON COMPRESSOR UNIT				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.8 AIR PIPING—AIR-COOLED 60-75HP/45-55KW 16/18 SERIES



02250174-453-R00

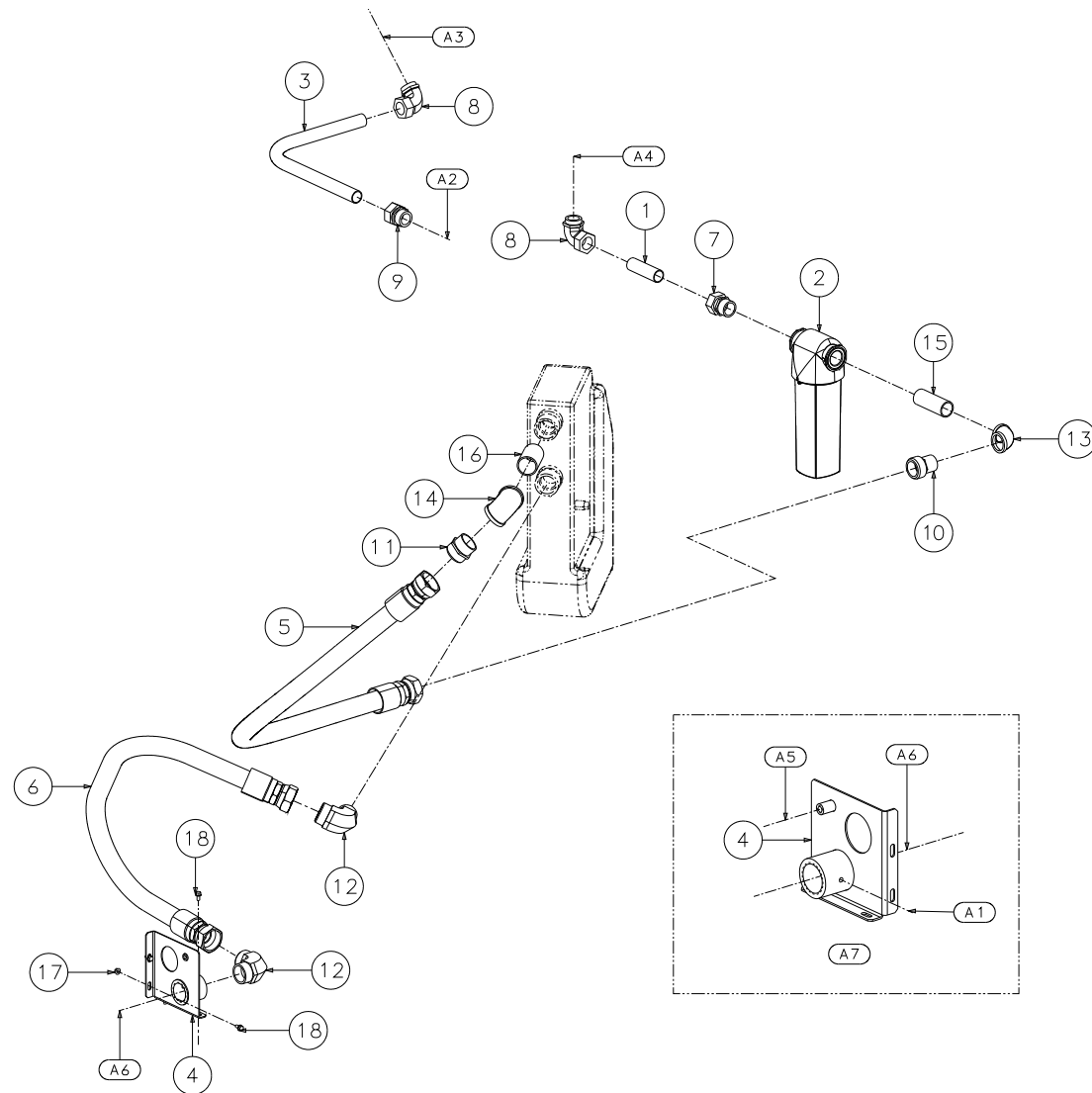
1.8 AIR PIPING—AIR-COOLED 60-75HP/45-55KW 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250156-803	1	tube, cooler out-trap in ws37 1.5"	
2	02250164-208	1	support,outlet conn 2"npt p16/18	
3	02250166-735	1	separator, water scws-740n 1 1/2" l/ad	
4	02250168-271	1	tube, water sep-out 1.5" p16 75hp	
5	02250174-449	1	tube,mpv-ac 1.5" p16/18 75hp	
6	810224-150	2	connector, tube-m 1 1/2 x 1 1/2	
7	810524-150	1	elbow, tube 90 deg m 1 1/2 x 1 1/2	
8	811624-188	2	elbow, tube str thrd 1 1/2 x 1 7/8	
9	811824-188	1	connector, tube str thd 1 1/2 x 1 7/8	
10	867108-060	1	bushing,red pltd 2 x 1 1/2	
11	882508-125	2	nut,serr flng m8 x 1.25	
12	883008-016	2	screw, tf-hex m8 x 16 blk zinc	
A1: PACKAGE DISCHARGE PRESSURE P2				
A2: TO AFTERCOOLER				
A3: FROM MINIMUM PRESSURE VALVE				
A4: FROM AFTERCOOLER				
A5: FROM MOISTURE DRAIN				
A6: CUSTOMER AIR OUT CONNECTION				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.9 AIR PIPING—AIR-COOLED 100HP/75KW 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250164-208	1	support,outlet conn 2"npt p16/18	
2	02250166-736	1	separator, water scws-740n 2" l/ad	
3	02250172-507	1	tube,2" mpv-clr 100hp p16 ac	
4	02250174-839	1	tube,2" sep-out p16/18 scd ac	
5	02250174-840	1	tube,2" aftclr-sep p16/18 scd	
6	810232-200	2	connector, tube-m 2 x 2	
7	810532-200	1	elbow, tube 90 deg m 2 x 2	
8	811632-250	2	elbow, tube str thrd 2 x 2 1/2	
9	811832-250	1	connector, tube str thd 2 x 2 1/2	
10	882508-125	2	nut,serr flng m8 x 1.25	
11	883008-016	2	screw, tf-hex m8 x 16 blk zinc	
A1: PACKAGE DISCHARGE PRESSURE P2				
A2: TO AFTERCOOLER				
A3: FROM MINIMUM PRESSURE VALVE				
A4: FROM AFTERCOOLER				
A5: FROM MOISTURE DRAIN				
A6: CUSTOMER AIR OUT CONNECTION				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.10 AIR PIPING-AIR COOLED WITH INTEGRAL DRYER 60-75HP/45-55KW 16/18 SERIES



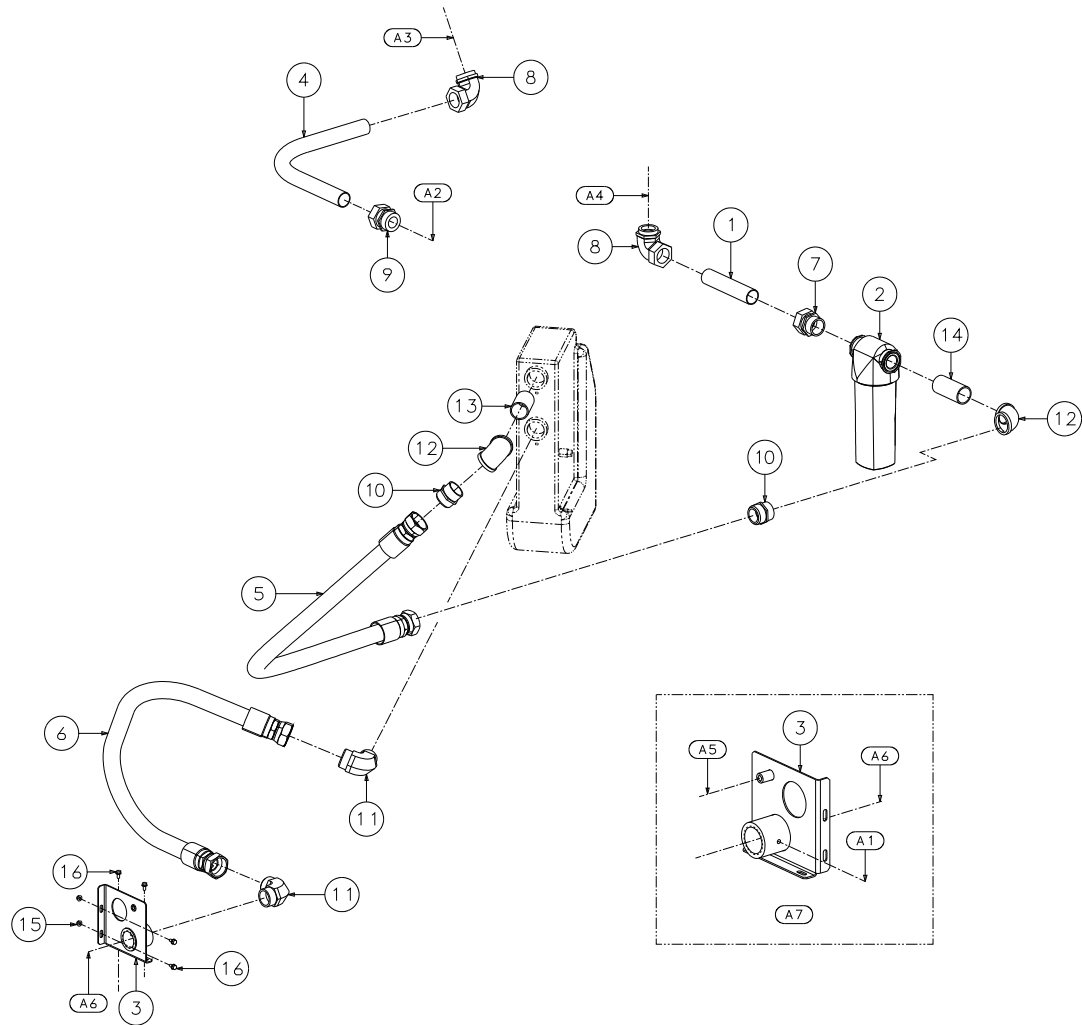
02250172-306-R00

1.10 AIR PIPING-AIR COOLED WITH INTEGRAL DRYER 60-75HP/45-55KW 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250156-803	1	tube, cooler out-trap in ws37 1.5"	
2	02250166-735	1	separator, water scws-740n 1 1/2" l/ad	
3	02250168-270	1	tube,mpv-aftclr 1.5" p16 75hp	
4	02250172-253	1	support,outlet conn. 2npt	
5	02250172-928	1	hose, air moistsep to evap-4500	
6	02250172-929	1	hose, air evaporator to airout	
7	810224-150	1	connector, tube-m 1 1/2 x 1 1/2	
8	811624-188	2	elbow, tube str thrd 1 1/2 x 1 7/8	
9	811824-188	1	connector, tube str thd 1 1/2 x 1 7/8	
10	860132-150	1	connector,37 fl/mpt pltd 2 x 1 1/2	
11	860132-200	1	connector,37 fl/mpt pltd 2 x 2	
12	860232-200	2	elbow, 37fl 90m 2 x 2	
13	866215-060	1	elbow, pipe 90 deg plt 1 1/2"	
14	866215-080	1	elbow, pipe 90 deg plt 2"	
15	866324-050	1	nipple,pipe pltd 1 1/2 x 5	
16	866332-040	1	nipple,pipe pltd 2 x 4	
17	882508-125	2	nut,serr flng m8 x 1.25	
18	883008-016	4	screw, tf-hex m8 x 16 blk zinc	
A1: PACKAGE DISCHARGE PRESSURE P2				
A2: TO AFTERCOOLER				
A3: FROM MINIMUM PRESSURE VALVE				
A4: FROM AFTERCOOLER				
A5: FROM MOISTURE DRAIN				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A6: CUSTOMER AIR OUT CONNECTION				
A7: DETAIL VIEW OF AIROUT BRACKET				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.11 AIR PIPING-AIR COOLED WITH INTEGRAL DRYER 100HP/75KW 16/18 SERIES

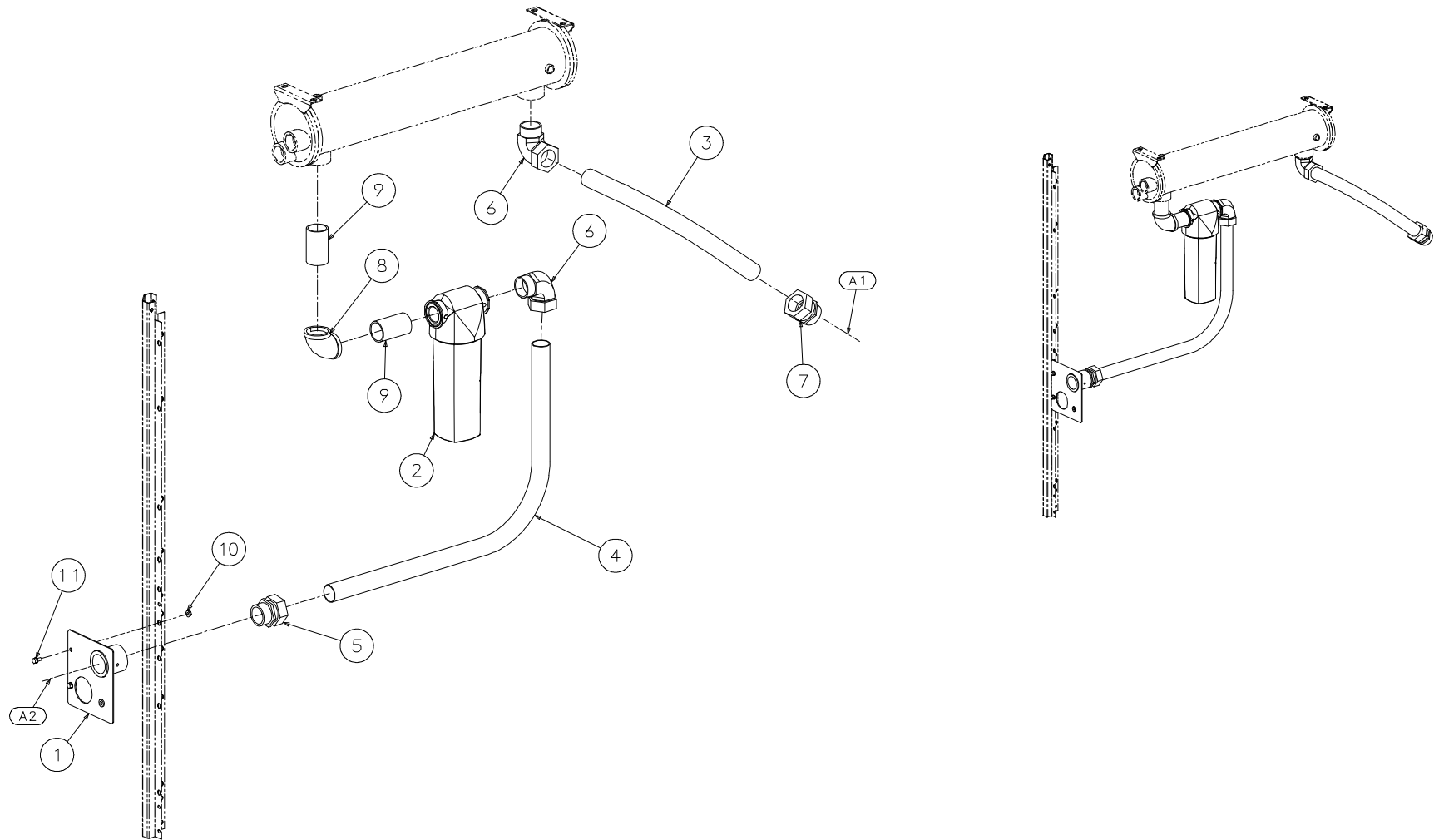


02250172-930-R00

1.11 AIR PIPING-AIR COOLED WITH INTEGRAL DRYER 100HP/75KW 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250164-909	1	tube,2" aftclr-trap 5600/7500	
2	02250166-736	1	separator, water scws-740n 2" l/ad	
3	02250172-253	1	support,outlet conn. 2npt	
4	02250172-507	1	tube,2" mpv-clr 100hp p16 ac	
5	02250172-928	1	hose, air moistsep to evap-4500	
6	02250172-929	1	hose, air evaporator to airout	
7	810232-200	1	connector, tube-m 2 x 2	
8	811632-250	2	elbow, tube str thrd 2 x 2 1/2	
9	811832-250	1	connector, tube str thd 2 x 2 1/2	
10	860132-200	2	connector,37 fl/mpt pltd 2 x 2	
11	860232-200	2	elbow, 37fl 90m 2 x 2	
12	866215-080	2	elbow, pipe 90 deg plt 2"	
13	866332-040	1	nipple,pipe pltd 2 x 4	
14	866332-050	1	nipple,pipe pltd 2 x 5	
15	882508-125	2	nut,serr flng m8 x 1.25	
16	883008-016	4	screw, tf-hex m8 x 16 blk zinc	
A1: PACKAGE DISCHARGE PRESSURE P2				
A2: TO AFTERCOOLER				
A3: FROM MINIMUM PRESSURE VALVE				
A4: FROM AFTERCOOLER				
A5: FROM MOISTURE DRAIN				
A6: CUSTOMER AIR OUT CONNECTION				
A7: DETAIL VIEW OF AIROUT BRACKET				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.12 AIR PIPING—WATER-COOLED 16/18 SERIES

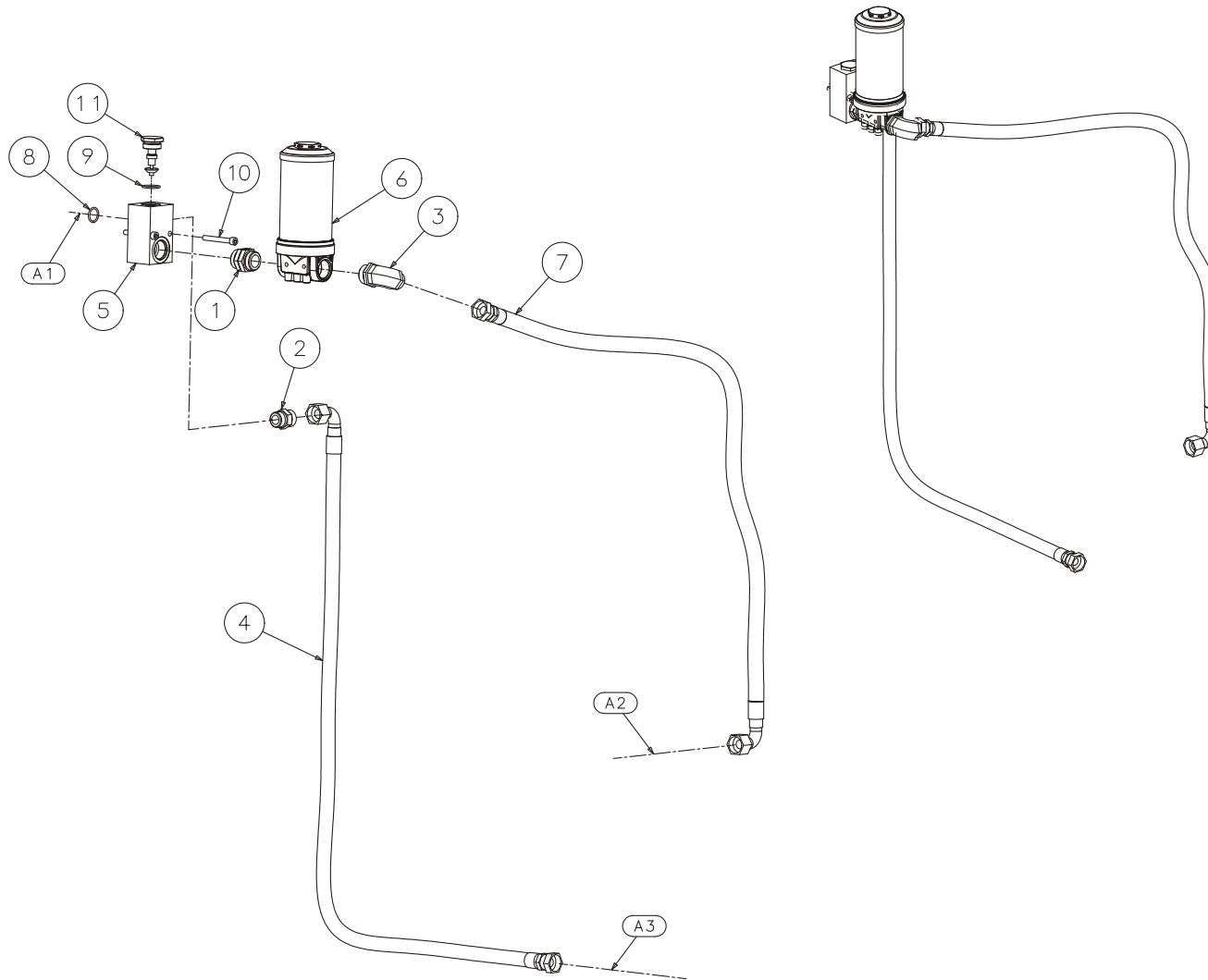


02250168-006-R03

1.12 AIR PIPING—WATER-COOLED 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250164-208	1	support,outlet conn 2"npt p16/18	
2	02250166-736	1	separator, water scws-740n 2" l/ad	
3	02250168-013	1	tube, mpv to aftrclr p16/18 wc	
4	02250174-839	1	tube,2" sep-out p16/18 scd ac	
5	810232-200	1	connector, tube-m 2 x 2	
6	810532-200	2	elbow, tube 90 deg m 2 x 2	
7	811832-250	1	connector, tube str thd 2 x 2 1/2	
8	866215-080	1	elbow, pipe 90 deg plt 2"	
9	866332-040	2	nipple,pipe pltd 2 x 4	
10	882508-125	2	nut,serr flng m8 x 1.25	
11	883008-016	2	screw, tf-hex m8 x 16 blk zinc	
A1: FROM MINIMUM PRESSURE VALVE				
A2: CUSTOMER AIR OUT 2" NPT CONNECTION				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.13 FLUID PIPING—AIR-COOLED 16 SERIES



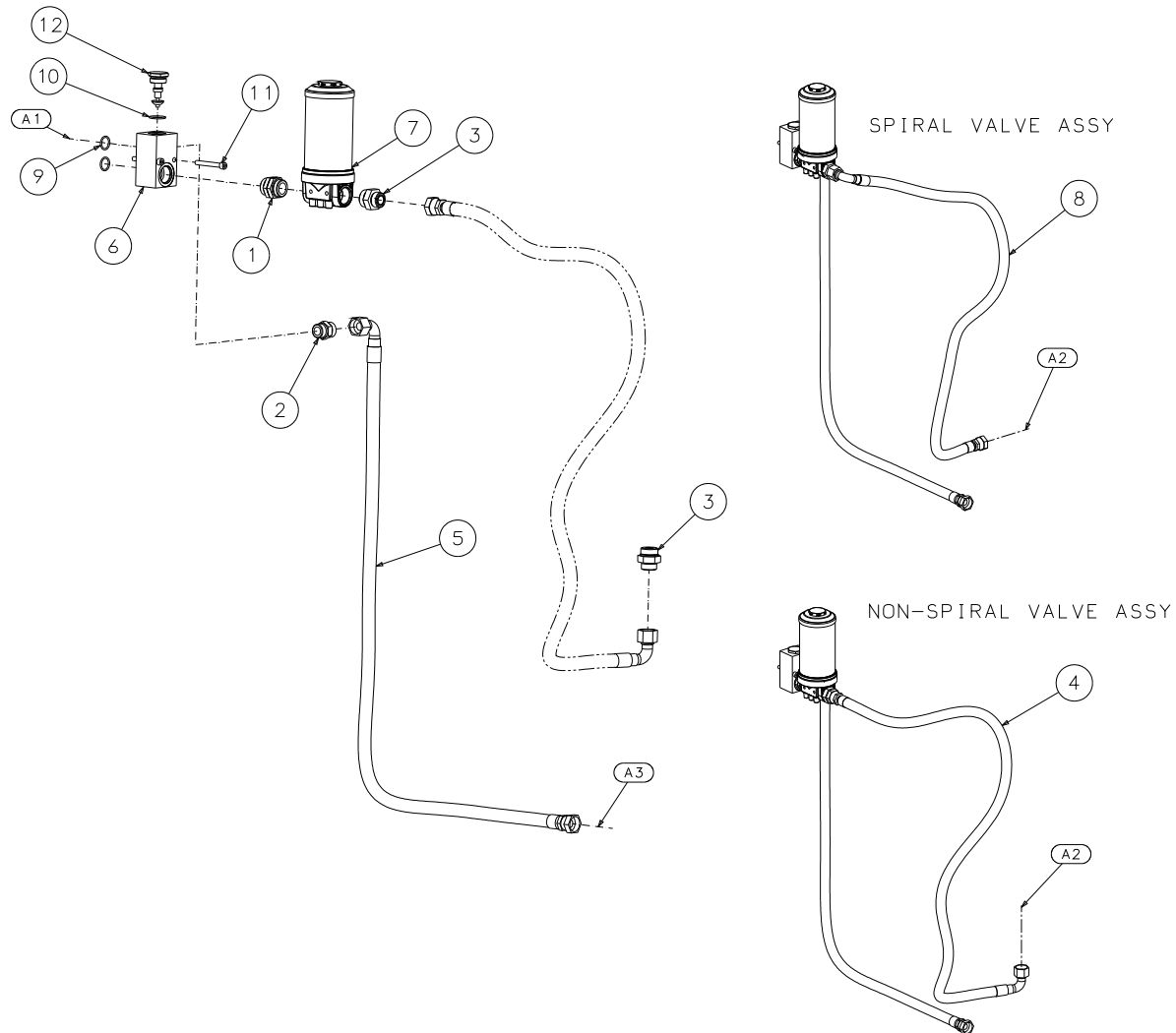
02250161-708R00

1.13 FLUID PIPING—AIR-COOLED 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250055-015	1	adapter, sae 1 5/8-12 x 1 5/8-12	
2	02250087-067	1	connector, sae x orfs 1.00"	
3	02250093-804	1	elbow, 90 sae x orfs 1.25 x 1.00"	
4	02250135-593	1	hose, medium pressure orfs f-swvl 1"x64"lg	(I)
5	02250164-209	1	block, thermal valve p16/18	
6	02250164-928	1	filter, fluid coreless 1"sae p16/18	(II)
7	02250168-058	1	hose, medium pressure orfs f-swvl 1" x 67"lg	(I)
8	826502-215	2	o-ring, viton 1 1/16 x 1/8"	
9	826502-219	1	o-ring, viton 1 5/16 x 1/8"	
10	874510-080	2	screw, socket iso m10 x 80mm pc 12.9	
11	various	1	valve, thermal	(III)
A1: To cooler				
A2: To compressor unit				
A3: From separator/sump				
(I) For hose maintenance order air-cooled service kit no. 02250171-102.				
(II) For maintenance on fluid filter no. 02250164-928, order replacement element no. 0250168-084.				
(III) For maintenance on 185°F thermal valve (standard Sullube) no. 02250078-204, order service kit no. 02250144-326; For maintenance on 195°F thermal valve (24KT or ≥ 150 psig) no. 02250092-081, order service kit no. 02250144-327.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
SERVICE KITS FOR 02250135-593				
02250171-102 KIT,HOSES P16/18 AC				
SERVICE KITS FOR 02250168-058				
02250171-102 KIT,HOSES P16/18 AC				
SERVICE KITS FOR 02250092-081				
02250144-327 KIT,THERMO VALVE LS100 195F				
SERVICE KITS FOR 02250164-928				
02250168-084 ELEM,FLTR CORELESS 2" DIA				
SERVICE KITS FOR 02250078-204				
02250144-326 KIT,THERMO VALVE LS100 185F				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.14 FLUID PIPING—AIR-COOLED 18 SERIES

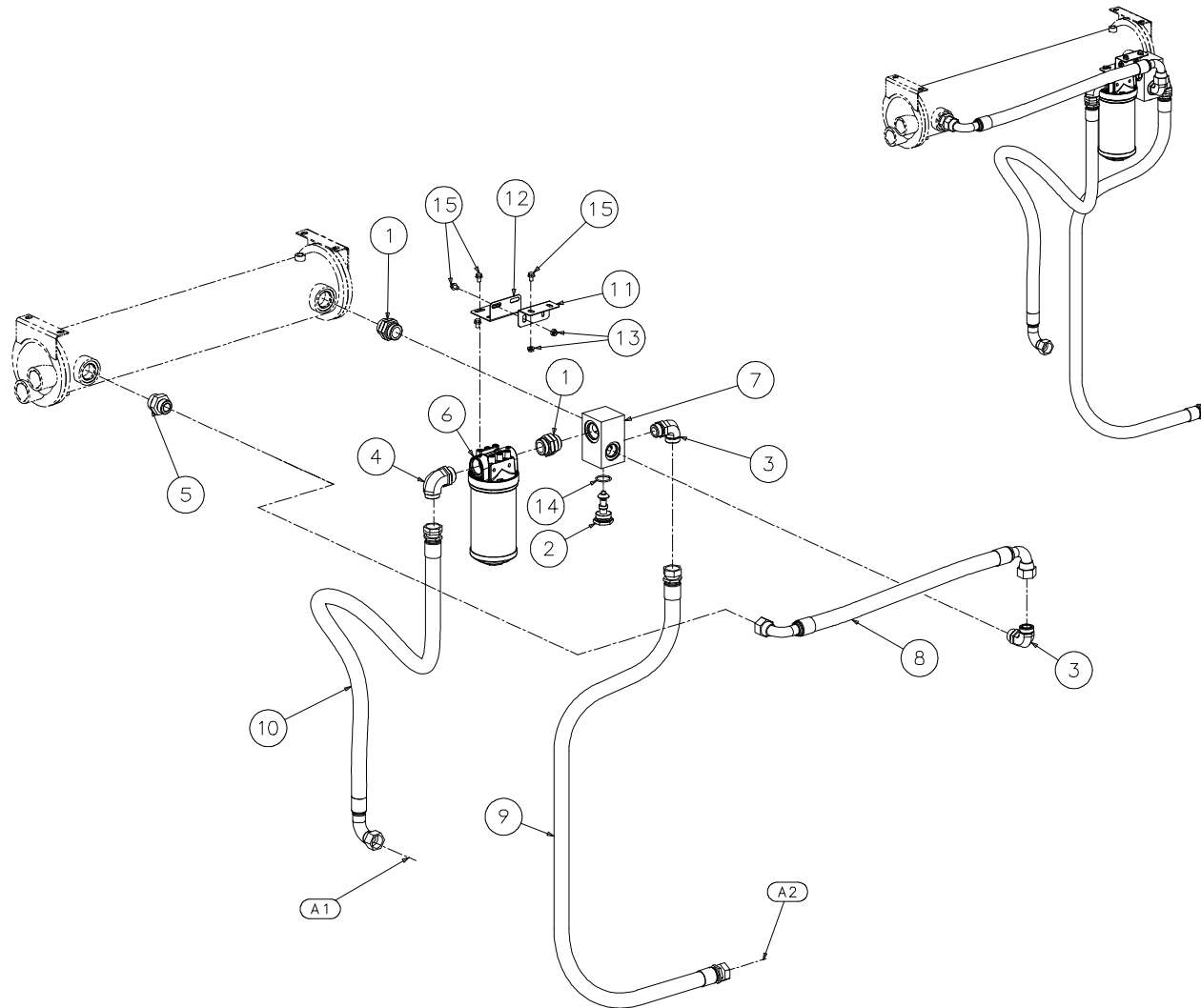


02250174-277-R00

1.14 FLUID PIPING—AIR-COOLED 18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250055-015	1	adapter, sae 1 5/8-12 x 1 5/8-12	
2	02250087-067	1	connector, sae x orfs 1.00"	
3	02250093-806	2	connector, sae x orfs 1.00" x 1.25"	
4	02250094-518	1	hose, medium pressure orfs f-swvl end 1 x 87	
5	02250135-593	1	hose, medium pressure orfs f-swvl 1"x64"l	
6	02250164-209	1	block, thermal valve p16/18	
7	02250164-928	1	filter, fluid coreless 1" sae p16/18	
8	02250168-058	1	hose, medium pressure orfs f-swvl 1" x 67"lg	
9	826502-215	2	o-ring, viton 1 1/16 x 1/8"	
10	826502-219	1	o-ring, viton 1 5/16 x 1/8"	
11	874510-080	2	screw, socket iso m10 x 80mm pc 12.9	
12	VALVE	1	various	
SERVICE KITS FOR 02250092-081				
02250144-327 KIT, THERMO VALVE LS100 195F				
SERVICE KITS FOR 02250164-928				
02250168-084 ELEM, FLTR CORELESS 2" DIA				
SERVICE KITS FOR 02250078-204				
02250144-326 KIT, THERMO VALVE LS100 185F				
A1: TO COOLER				
A2: TO COMPRESSOR UNIT				
A3: FROM SEPARATOR/SUMP				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.15 FLUID PIPING—WATER-COOLED STANDARD 16 SERIES



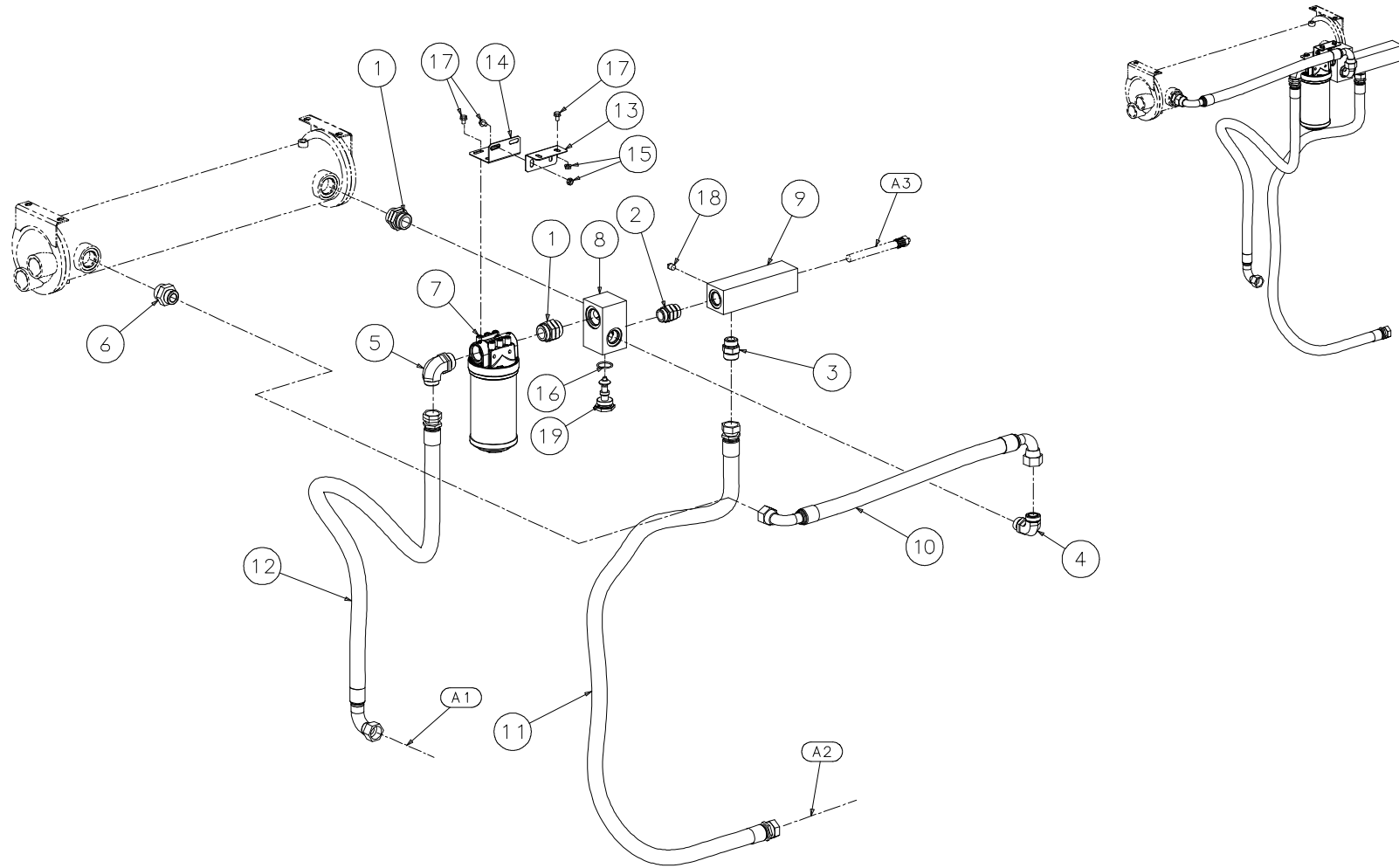
02250167-758R04

1.15 FLUID PIPING—WATER-COOLED STANDARD 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250055-015	2	adapter, sae 1 5/8-12 x 1 5/8-12	
2	02250078-204	1	valve,thermal 185 deg f es11	
3	02250087-070	2	elbow,90 sae x orfs 1.00"	
4	02250093-804	1	elbow,90 sae x orfs 1.25 x 1.00"	
5	02250093-806	1	connector,saex orfs 1.00" x 1.25"	
6	02250164-928	1	filter, fluid coreless 1"saep16/18	
7	02250168-000	1	housing,thermal valve p16/18 w/c	
8	02250168-056	1	hose, medium pressure orfs f-swvl 1" x 31"lg	
9	02250168-057	1	hose, medium pressure orfs f-swvl 1" x 70"lg	
10	02250168-058	1	hose, medium pressure orfs f-swvl 1" x 67"lg	
11	02250172-559	1	support, oil filter top wc p16/18	
12	02250172-560	1	support, oil filter btm wc p16/18	
13	825305-283	4	nut,hex f pltd 5/16-18	
14	826502-219	1	o-ring, viton 1 5/16 x 1/8"	
15	829705-050	8	screw, hex ser washer 5/16-18 x 1/2	
SERVICE KITS FOR 02250092-081 02250144-327 KIT,THERMO VALVE LS100 195F				
SERVICE KITS FOR 02250168-056 02250171-103 KIT,HOSES P16 WC				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
SERVICE KITS FOR 02250168-057 02250171-103 KIT,HOSES P16 WC				
SERVICE KITS FOR 02250168-058 02250171-103 KIT,HOSES P16 WC				
SERVICE KITS FOR 02250164-928 02250168-084 ELEM,FLTR CORELESS 2" DIA				
A1: TO UNIT INJECTION				
A2: FROM SEPARATOR/SUMP TANK				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.16 FLUID PIPING—WATER-COOLED WITH WATER REGULATOR 16 SERIES



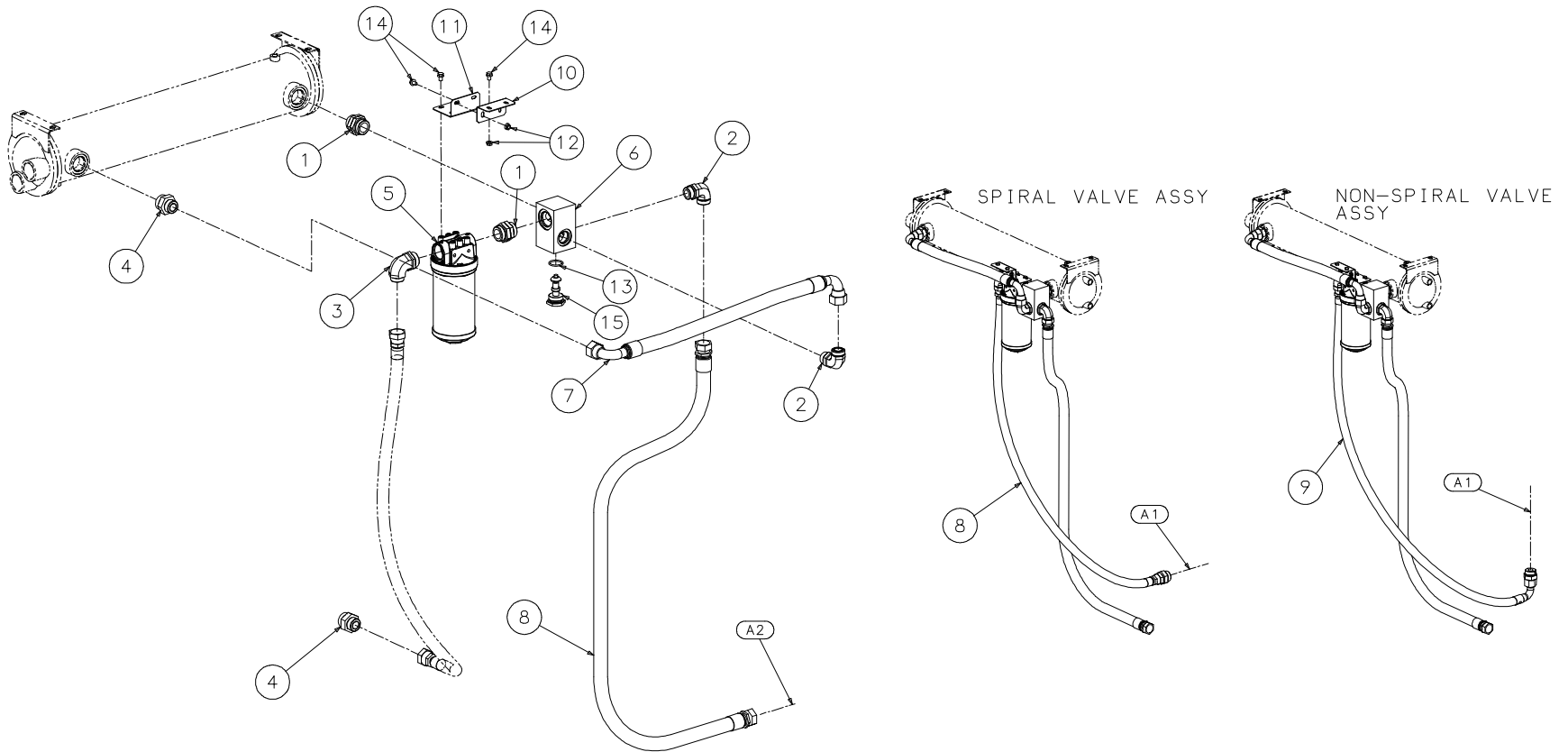
02250171-106R02

1.16 FLUID PIPING—WATER-COOLED WITH WATER REGULATOR 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250055-015	2	adapter, sae 1 5/8-12 x 1 5/8-12	
2	02250086-022	1	adapter, sae 1 5/16 x 1 5/16-12	
3	02250087-067	1	connector, sae x orfs 1.00"	
4	02250087-070	1	elbow, 90 sae x orfs 1.00"	
5	02250093-804	1	elbow, 90 sae x orfs 1.25 x 1.00"	
6	02250093-806	1	connector, sae x orfs 1.00" x 1.25"	
7	02250164-928	1	filter, fluid coreless 1" sae p16/18	
8	02250168-000	1	housing, thermal valve p16/18 w/c	
9	02250168-001	1	tee, sae 1-5/16"/npt 1/2" p16/18 wtr reg vlv opt	
10	02250168-056	1	hose, medium pressure orfs f-swvl 1" x 31"lg	
11	02250168-057	1	hose, medium pressure orfs f-swvl 1" x 70"lg	
12	02250168-058	1	hose, medium pressure orfs f-swvl 1" x 67"lg	
13	02250172-559	1	support, oil filter top wc p16/18	
14	02250172-560	1	support, oil filter btm wc p16/18	
15	825305-283	4	nut, hex f pltd 5/16-18	
16	826502-219	1	o-ring, viton 1 5/16 x 1/8"	
17	829705-050	8	screw, hex ser washer 5/16-18 x 1/2	
18	866900-010	1	plug, pipe 1/4" 3000# stl plt	
19	THERMAL	1	ve various	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
SERVICE KITS FOR 02250092-081				
	02250144-327		KIT, THERMO VALVE LS100 195F	
SERVICE KITS FOR 02250164-928				
	02250168-084		ELEM, FLTR CORELESS 2" DIA	
SERVICE KITS FOR 02250168-058				
	02250171-103		KIT, HOSES P16 WC	
SERVICE KITS FOR 02250168-057				
	02250171-103		KIT, HOSES P16 WC	
SERVICE KITS FOR 02250168-056				
	02250171-103		KIT, HOSES P16 WC	
A1: TO UNIT INJECTION				
A2: FROM SEPARATOR/SUMP TANK				
A3: WATER REGULATOR VALVE PROBE LOCATION				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.17 FLUID PIPING—WATER-COOLED STANDARD SPIRAL AND NON-SPIRAL 18 SERIES

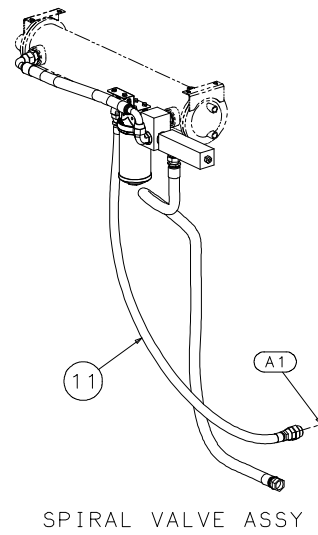
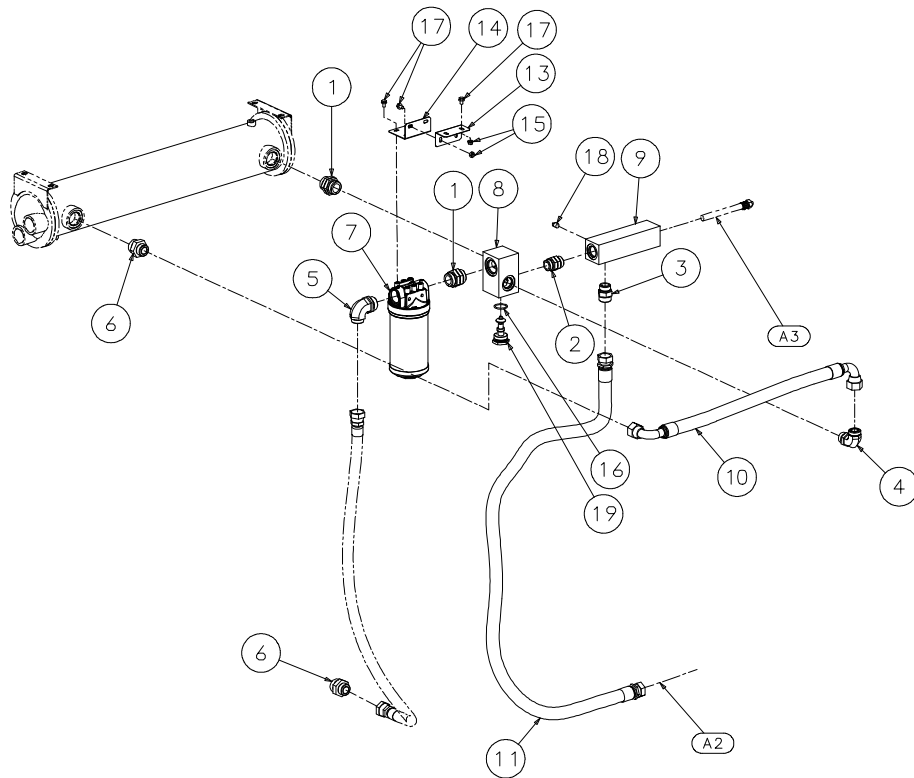


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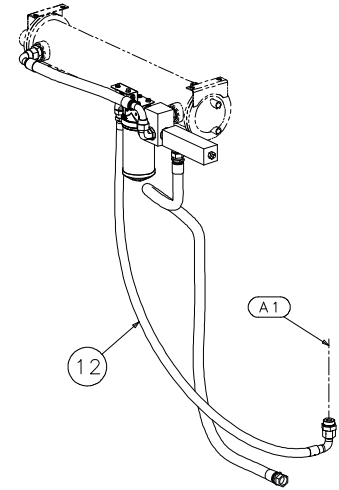
1.17 FLUID PIPING—WATER-COOLED STANDARD SPIRAL AND NON-SPIRAL 18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250055-015	2	adapter, sae 1 5/8-12 x 1 5/8-12	
2	02250087-070	2	elbow,90 sae x orfs 1.00"	
3	02250093-804	1	elbow,90 sae x orfs 1.25 x 1.00"	
4	02250093-806	2	connector, sae x orfs 1.00" x 1.25"	
5	02250164-928	1	filter, fluid coreless 1" sae p16/18	
6	02250168-000	1	housing, thermal valve p16/18 w/c	
7	02250168-056	1	hose, medium pressure orfs f-swvl 1" x 31"lg	
8	02250168-057	2	hose, medium pressure orfs f-swvl 1" x 70"lg	
9	02250168-058	1	hose, medium pressure orfs f-swvl 1" x 67"lg	
10	02250172-559	1	support, oil filter top wc p16/18	
11	02250172-560	1	support, oil filter btm wc p16/18	
12	825305-283	4	nut, hex f pltd 5/16-18	
13	826502-219	1	o-ring, viton 1 5/16 x 1/8"	
14	829705-050	8	screw, hex ser washer 5/16-18 x 1/2	
15	THERMAL	1	ve various	
SERVICE KITS FOR 02250078-204				
02250144-326 KIT, THERMO VALVE LS100 185F				
SERVICE KITS FOR 02250164-928				
02250168-084 ELEM, FLTR CORELESS 2" DIA				
A1: TO UNIT INJECTION				
A2: FROM SEPARATOR/SUMP TANK				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.18 FLUID PIPING—WATER-COOLED SPIRAL & NON-SPIRAL WITH WATER REGULATOR 18 SERIES



SPIRAL VALVE ASSY



NON-SPIRAL VALVE ASSY

02250175-393-R00

1.18 FLUID PIPING—WATER-COOLED SPIRAL & NON-SPIRAL WITH WATER REGULATOR 18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250055-015	2	adapter, sae 1 5/8-12 x 1 5/8-12	
2	02250086-022	1	adapter, sae 1 5/16 x 1 5/16-12	
3	02250087-067	1	connector, sae x orfs 1.00"	
4	02250087-070	1	elbow, 90 sae x orfs 1.00"	
5	02250093-804	1	elbow, 90 sae x orfs 1.25 x 1.00"	
6	02250093-806	2	connector, sae x orfs 1.00" x 1.25"	
7	02250164-928	1	filter, fluid coreless 1" sae p16/18	
8	02250168-000	1	housing, thermal valve p16/18 w/c	
9	02250168-001	1	tee, sae 1-5/16"/npt 1/2" p16/18 wtr reg vlv opt	
10	02250168-056	1	hose, medium pressure orfs f-swvl 1" x 31"lg	
11	02250168-057	2	hose, medium pressure orfs f-swvl 1" x 70"lg	
12	02250168-058	1	hose, medium pressure orfs f-swvl 1" x 67"lg	
13	02250172-559	1	support, oil filter top wc p16/18	
14	02250172-560	1	support, oil filter btm wc p16/18	
15	825305-283	4	nut, hex f pltd 5/16-18	
16	826502-219	1	o-ring, viton 1 5/16 x 1/8"	
17	829705-050	8	screw, hex ser washer 5/16-18 x 1/2	
18	866900-010	1	plug, pipe 1/4" 3000# stl plt	
19	THERMAL	1	ve various	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

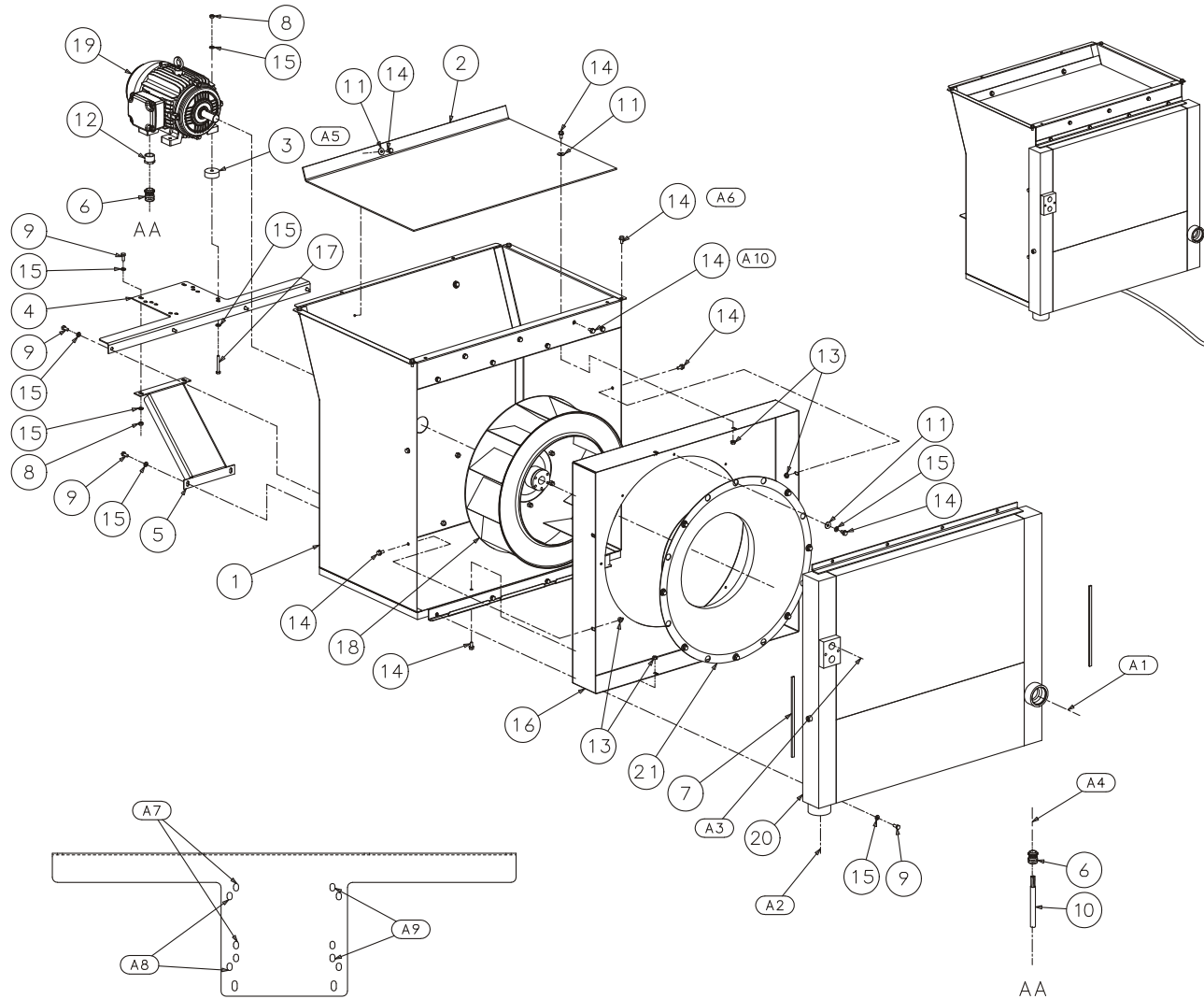
KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A1: TO UNIT INJECTION				
A2: FROM SEPARATOR/SUMP TANK				
A3: WATER REGULATOR VALVE PROBE LOCATION				
SERVICE KITS FOR 02250078-204				
02250144-326 KIT, THERMO VALVE LS100 185F				
SERVICE KITS FOR 02250092-081				
02250144-327 KIT, THERMO VALVE LS100 195F				
SERVICE KITS FOR 02250164-928				
02250168-084 ELEM, FLTR CORELESS 2" DIA				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.19 COOLING AND LUBRICATION SYSTEM—AIR-COOLED COOLER 60-75HP/45-55KW AXIAL FAN 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250161-610	1	duct, centrifugal fan p16/18	
2	02250161-614	1	guard, fan discharge p16/18	
3	02250165-576	1	drive, shaft fan p16/18	
4	02250166-232	1	support, fan motor top p16/18	
5	02250166-233	1	support, fan motor bottom brace	
6	02250167-395	1	adapter, air duct p16/18	
7	02250168-022	1	fan, cooling assy nine blade p16/18	
8	02250171-130	1	insulation, foam 1" 635 x 898 p16/18	(I)
9	02250171-629	1	key, square m6 x 40mm p16 axial fan	
10	250018-497	2	grip, cord for so 12/4 st 3/4"	
11	250022-436	6 ft	weatherstrip, 3/16 x 3/8	
12	825908-125	6	nut, hex metric m8 x 1.25	
13	828008-020	16	capscrew, hex 8.8 m8 x 20mm	
14	832204-031	2	screw, set cup 1/4-20 x 5/16	
15	838212-112	1	washer, pl-b reg pltd 3/4	
16	850604-012	10 ft	wire, neoprene #12-4 so	
17	865708-240	5	washer, iso 7093-8-140hv	
18	867104-030	1	bushing, red pltd 1 x 3/4	
19	882508-125	8	nut, serr flng m8 x 1.25	
20	882608-012	1	screw, hex serr washer m8 x 12	
21	883008-016	17	screw, tf-hex m8 x 16 blk zinc	
22	883208-166	26	washer, nord-lock pl m8 sp	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
23	various	4	capscrew, m8 x various lengths	(II)
24	various	1	motor	(II)
25	various	1	fluid cooler	(II)
A1: In from minimum pressure valve				
A2: Out to water separator				
A3: To thermal by-pass valve				
A4: To starter box				
A5: Cooler pack assembly rests on top rails of canopy				
A6: Screws attach cooler box to support rails on top of canopy				
A7: Fan motor mounting holes				
(I) For additional information, consult <i>Section 1.19 Sump Tank Assembly</i> .				
(II) This part may vary per machine design. Consult factory with machine serial number to determine the proper part number.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.20 COOLING AND LUBRICATION SYSTEM—AIR-COOLED COOLER 100HP/75KW CENTRIFUGAL FAN 16/18 SERIES



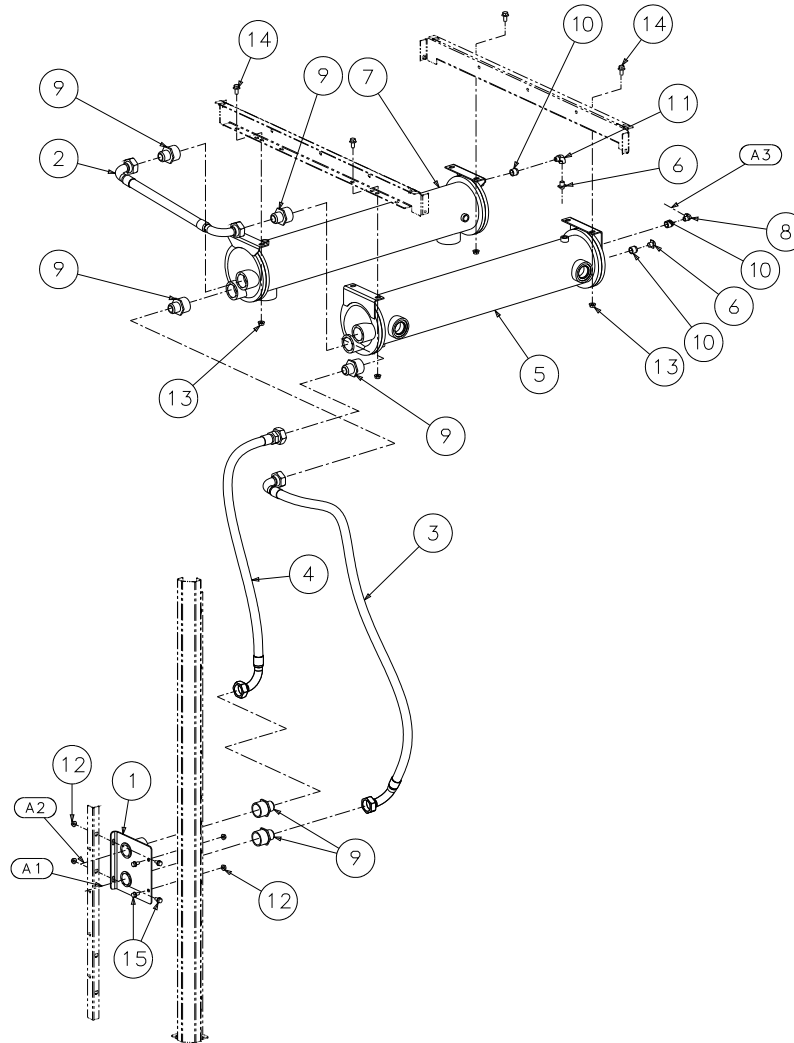
02250161-714R00

1.20 COOLING AND LUBRICATION SYSTEM—AIR-COOLED COOLER 100HP/75KW CENTRIFUGAL FAN 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250161-610	1	duct, centrifugal fan p16/18	
2	02250161-614	1	guard, fan discharge p16/18	
3	02250164-204	4	spacer, fan motor p16/18 ac	
4	02250166-232	1	support, fan motor top p16/18	
5	02250166-233	1	support, fan motor bottom brace	
6	250018-497	2	grip, cord for so 12/4 st 3/4"	
7	250022-436	6	weatherstrip, 3/16 x 3/8 ft	
8	825908-125	6	nut, hex metric m8 x 1.25	
9	828008-020	16	capscrew, hex 8.8 m8 x 20mm	
10	850604-012	10 ft	wire, neoprene #12-4 so	
11	865708-240	12	washer, iso 7093-8-140hv	
12	867104-030	1	bushing, red pltd 1 x 3/4	
13	882508-125	8	nut, serr flng m8 x 1.25	
14	883008-016	25	screw, tf-hex m8 x 16 blk zinc	
15	883208-166	34	washer, nord-lock pl m8 sp	
16	various	1	adapter	(I)
17	various	4	capscrew m8 x various lengths	(I)
18	various	1	fan	(I)
19	various	1	fan motor	(I)
20	various	1	fluid cooler	(I)
21	various	1	venturi	(I)
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A1:			In from minimum pressure valve	
A2:			Out to water separator	
A3:			To thermal by-pass valve	
A4:			To starter box	
A5:			Use with 3hp 182 & 184t frame motors only	
A6:			Cooler pack assembly rests on top rails of canopy	
A7:			Mounting holes for 3hp 4p 182t frame fan motor	
A8:			Mounting holes for 5hp 4p 213t frame fan motor	
A9:			Mounting holes for 3hp 4p 184t frame fan motor	
A10:			Screws attach fan cooler box to support rails on top of canopy	
(I)			This part may vary per machine design. Consult factory with machine serial number to determine the proper part number.	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.21 COOLING AND LUBRICATION SYSTEM—WATER-COOLED STANDARD 16/18 SERIES



02250167-958R06

1.21 COOLING AND LUBRICATION SYSTEM—WATER-COOLED STANDARD 16/18 SERIES

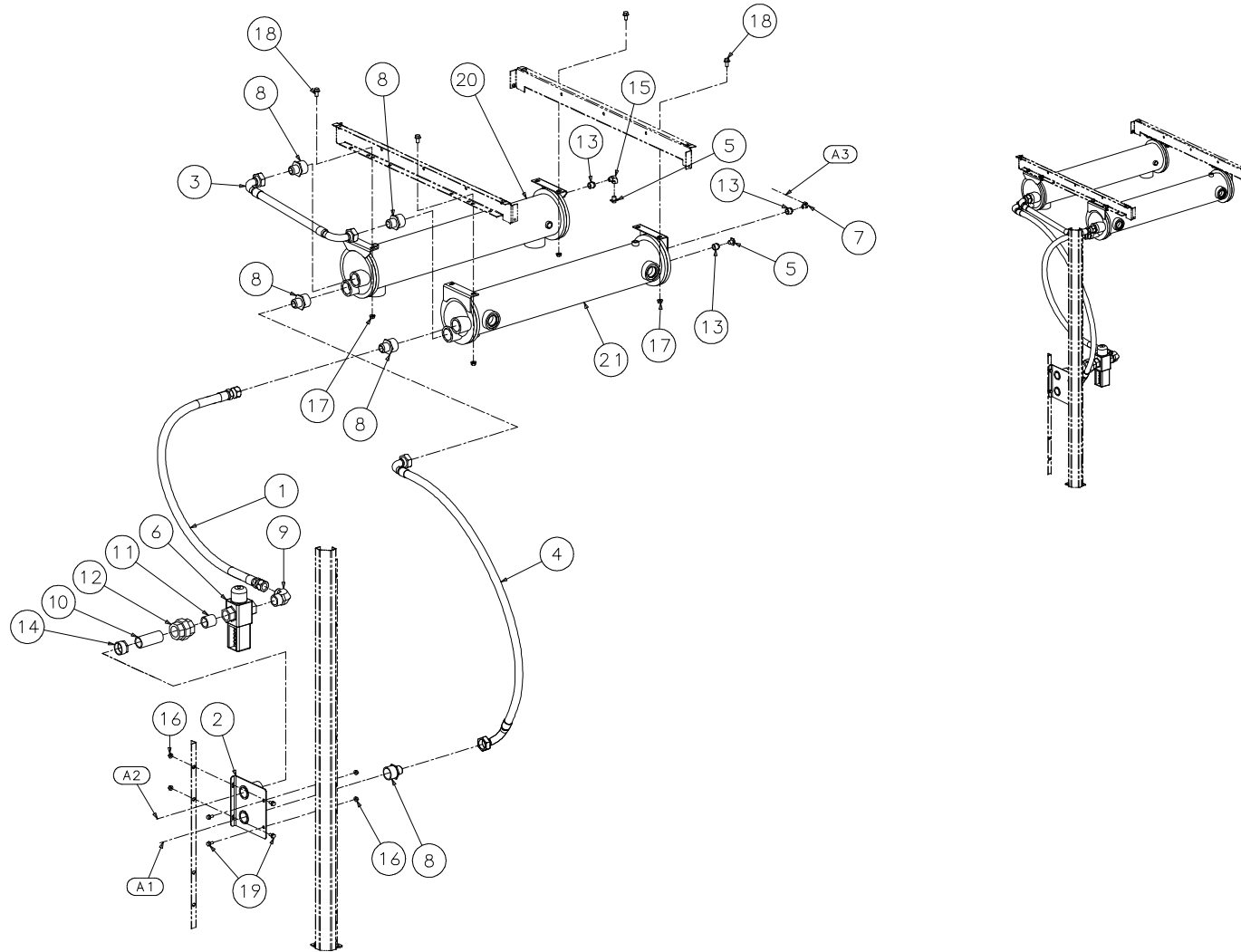
KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250168-004	1	support,outlet conn 1-1/2npt	
2	02250168-039	1	hose, hydraulic 1" x 22"lg	
3	02250168-041	1	hose, hydraulic 1" x 52"lg	
4	02250168-042	1	hose, hydraulic 1" x 39"lg	
5	02250172-501	1	cooler,oil/water 6x36 1-5/8"sae	
6	040061	2	drainlock, 1/4"	
7	043008	1	clr,aftclr 2" npt air/1-1/2" npt wtr ports	
8	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
9	860116-150	6	connector,37 fl/mpt pltd 1 x 1 1/2	
10	868902-010	3	bushing,red hex pltd 1/2 x 1/4	
11	881204-025	1	elbow, pipe 90m/f 1/4 x 1/4 brass	
12	882508-125	4	nut,serr flng m8 x 1.25	
13	882510-150	8	nut,serr flng m10 x 1.5	
14	882610-020	8	screw, hex serr washer m10 x 20	
15	883008-016	4	screw, tf-hex m8 x 16 blk zinc	
A1: WATER IN 1-1/2" NPT CONNECTION				
A2: WATER OUT 1-1/2" NPT CONNECTION				
A3: PS2 LOW WATER PRESSURE TO HOLE DRILLED IN SIDE OF STARTER BOX				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.22 COOLING AND LUBRICATION SYSTEM—WATER-COOLED W/ SOLENOID VALVE 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250168-004	1	support,outlet conn 1-1/2npt	
2	02250168-039	1	hose, hydraulic 1" x 22"lg	
3	02250168-041	1	hose, hydraulic 1" x 52"l	
4	02250168-042	1	hose, hydraulic 1" x 39"lg	
5	02250168-233	1	support, fan box/wc clrs p16/18	
6	02250172-501	1	cooler,oil/water 6x36 1-5/8"saе	
7	040061	2	drainlock, 1/4" -	
8	043008	1	clr,aftclr 2" npt air/1-1/2" npt wtr ports	
9	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
10	250035-291	1	valve, solenoid 1-1/4"	
11	860116-125	1	connector,37 fl/mpt pltd 1 x 1 1/4	
12	860116-150	5	connector,37 fl/mpt pltd 1 x 1 1/2	
13	866320-050	1	nipple,pipe pltd 1 1/4 x 5	
14	868902-010	3	bushing,red hex pltd 1/2 x 1/4	
15	868906-050	1	bushing,red hex pltd 1 1/2 x 1 1/4	
16	881204-025	1	elbow, pipe 90m/f 1/4 x 1/4 brass	
17	882508-125	4	nut,serr flng m8 x 1.25	
18	882510-150	8	nut,serr flng m10 x 1.5	
19	882610-020	8	screw, hex serr washer m10 x 20	
20	883008-016	4	screw, tf-hex m8 x 16 blk zinc	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A1:	WATER IN 1-1/2" NPT CONNECTION			
A2:	WATER OUT 1-1/2" NPT CONNECTION			
A3:	PS2 LOW WATER PRESSURE TO HOLE DRILLED INTO SIDE OF STARTER BOX			
SERVICE KITS FOR 250035-291				
250038-848 KIT, SOL VALVE REBUILD				
250035-292 KIT, COIL REPLACEMENT SOLINOID				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.23 COOLING AND LUBRICATION SYSTEM—WATER-COOLED WITH REGULATOR VALVE 16/18 SERIES



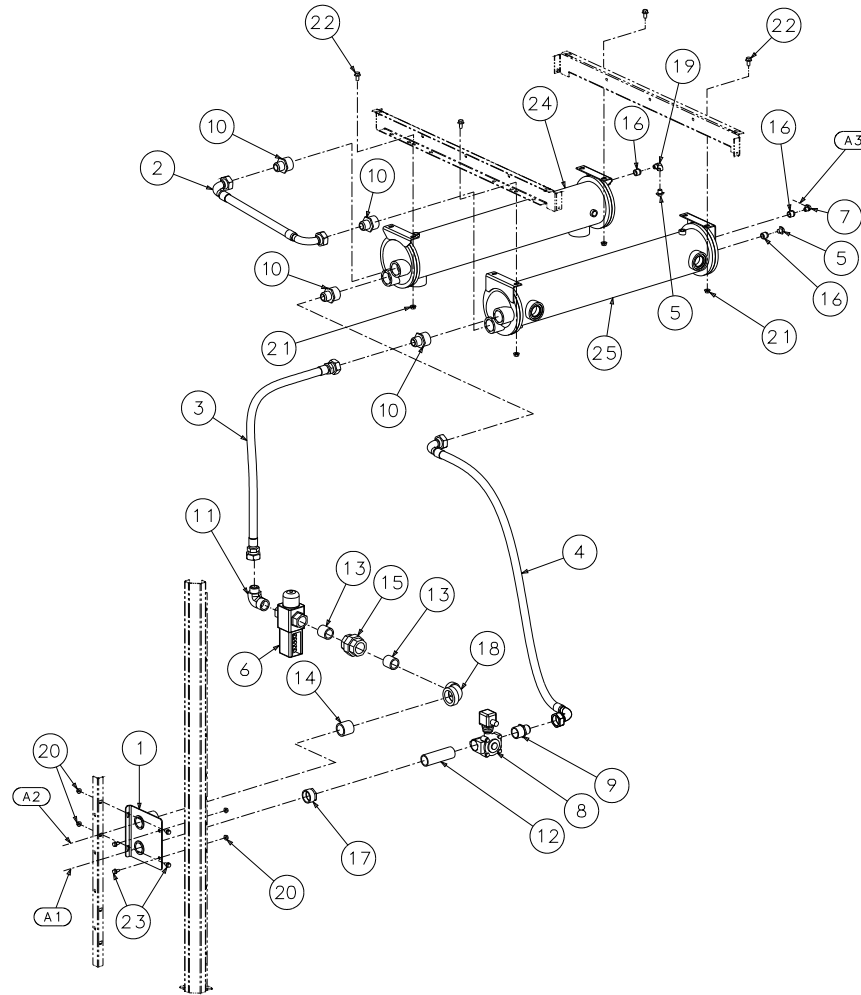
02250170-731R01

1.23 COOLING AND LUBRICATION SYSTEM—WATER-COOLED WITH REGULATOR VALVE 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250143-277	1	hose, hydraulic parkrimp 1"x 44"	
2	02250168-004	1	support,outlet conn 1-1/2npt	
3	02250168-039	1	hose, hydraulic 1" x 22"lg	
4	02250168-041	1	hose, hydraulic 1" x 52"lg	
5	040061	2	drainlock, 1/4"	
6	049474	1	valve,water regulating 1-1/4"	
7	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
8	860116-150	5	connector,37 fl/mpt pltd 1 x 1 1/2	
9	860216-125	1	elbow, 37fl 90m 1 x 1 1/4	
10	866320-040	1	nipple,pipe pltd 1 1/4 x 4	
11	866420-000	1	nipple,pipe-xs plt 1 1/4 x cl	
12	868030-050	1	union,pipe-brs seat 1 1/4 300# plt	
13	868902-010	3	bushing,red hex pltd 1/2 x 1/4	
14	868906-050	1	bushing,red hex pltd 1 1/2 x 1 1/4	
15	881204-025	1	elbow, pipe 90m/f 1/4 x 1/4 brass	
16	882508-125	4	nut,serr flng m8 x 1.25	
17	882510-150	8	nut,serr flng m10 x 1.5	
18	882610-020	8	screw, hex serr washer m10 x 20	
19	883008-016	4	screw, tf-hex m8 x 16 blk zinc	
20	AFTERCOOLER	1	various	
21	OIL	1	ler various	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A1: WATER IN 1-1/2" NPT CONNECTION				
A2: WATER OUT 1-1/2" NPT CONNECTION				
A3: PS2 LOW WATER PRESSURE TO HOLE DRILLED IN SIDE OF STARTER BOX				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.24 COOLING AND LUBRICATION SYSTEM—
WATER-COOLED WITH REGULATOR VALVE AND SOLENOID 16/18 SERIES



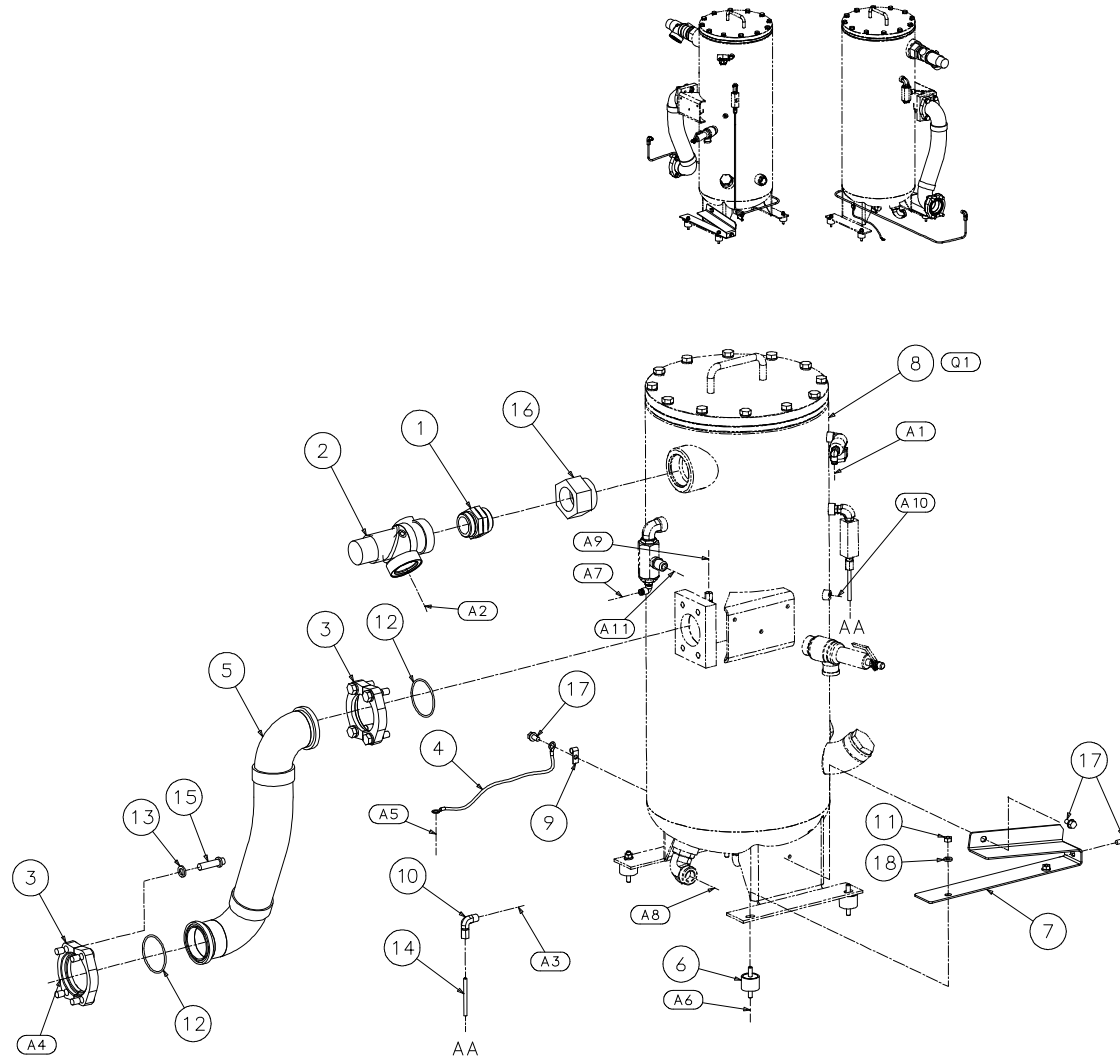
02250170-732R02

1.24 COOLING AND LUBRICATION SYSTEM— WATER-COOLED WITH REGULATOR VALVE AND SOLENOID 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250168-004	1	support,outlet conn 1-1/2npt	
2	02250168-039	1	hose, hydraulic 1" x 22"lg	
3	02250168-040	1	hose, hydraulic 1" x 38"lg	
4	02250168-041	1	hose, hydraulic 1" x 52"l	
5	040061	2	drainlock, 1/4"	
6	049474	1	valve,water regulating 1-1/4"	
7	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
8	250035-291	1	valve, solenoid 1-1/4"	
9	860116-125	1	connector,37 fl/mpt pltd 1 x 1 1/4	
10	860116-150	4	connector,37 fl/mpt pltd 1 x 1 1/2	
11	860216-125	1	elbow, 37fl 90m 1 x 1 1/4	
12	866320-050	1	nipple,pipe pltd 1 1/4 x 5	
13	866420-000	2	nipple,pipe-xs plt 1 1/4 x cl	
14	866424-000	1	nipple,pipe-xs plt 1 1/2 x cl	
15	868030-050	1	union,pipe-brs seat 1 1/4 300# plt	
16	868902-010	3	bushing,red hex pltd 1/2 x 1/4	
17	868906-050	1	bushing,red hex pltd 1 1/2 x 1 1/4	
18	869206-050	1	elbow, red 1 1/2 x 1 1/4 150# plt	
19	881204-025	1	elbow, pipe 90m/f 1/4 x 1/4 brass	
20	882508-125	4	nut,serr flng m8 x 1.25	
21	882510-150	8	nut,serr flng m10 x 1.5	
22	882610-020	8	screw, hex serr washer m10 x 20	
23	883008-016	4	screw, tf-hex m8 x 16 blk zinc	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	AFTERCOOLER	1	various	
25	OIL	1	ler various	
A1: WATER IN 1-1/2" NPT CONNECTION				
A2: WATER OUT 1-1/2" NPT CONNECTION				
A3: PS2 LOW WATER PRESSURE TO HOLE DRILLED IN SIDE OF STARTER BOX				
SERVICE KITS FOR 250035-291				
250038-848 KIT, SOL VALVE REBUILD				
250035-292 KIT, COIL REPLACEMENT SOLINOID				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.25 SUMP AND PIPING - 60-75HP/45-55KW 16 SERIES



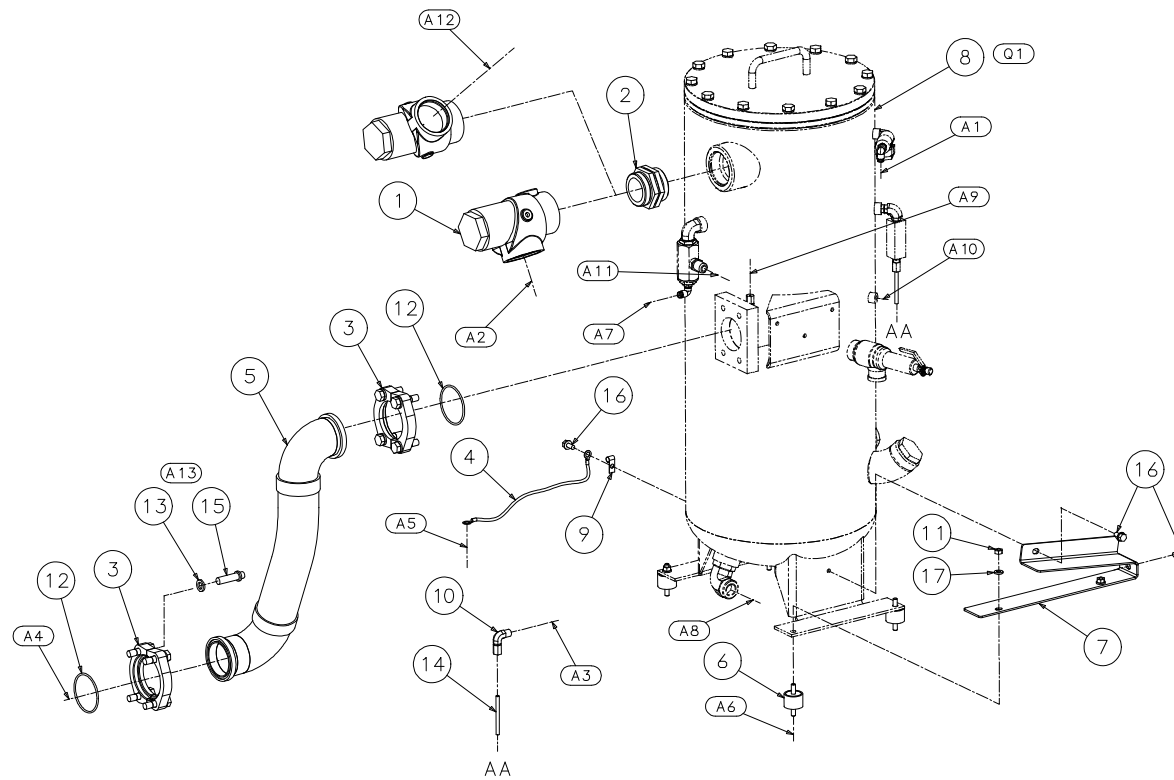
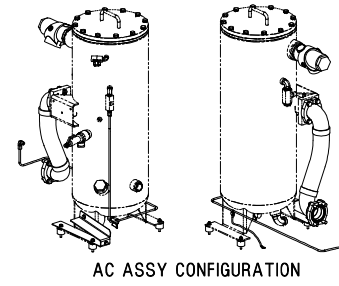
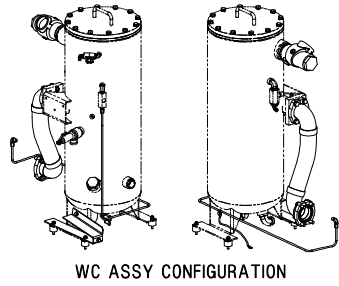
02250169-994R01

1.25 SUMP AND PIPING - 60-75HP/45-55KW 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250055-014	1	adapter, sae 1 7/8-12 x 1 7/8-12	
2	02250097-598	1	vlv. min press chk 1-7/8 sae 0-ring port	
3	02250152-813	2	flange, kit 2.5" split m12 x 45	
4	02250157-450	1	wire, 10 gage ground bond 12" m8	
5	02250162-365	1	joint, expansion airend-sep p16	
6	02250162-374	4	isolator, vibration 5600 rec tnk	
7	02250164-918	1	support, shipping frm/tnk p16/18	
8	02250168-637	1	tank, assembly p16/18	
9	043357	1	clamp, speed tube 1/4"	
10	250211-005	1	elbow, tube-m 1/4" swglk 316ss	
11	825908-125	4	nut, hex metric m8 x 1.25	
12	826502-232	2	o-ring, viton 2 3/4 x 1/8"	
13	837808-125	4	washer, spr lock reg pltd 1/2	
14	841215-004	6	tubing, stnls stl 1/4 20ga ft	
15	867308-175	4	capscrew, ferry head hd pltd 1/2-13 x 1 3/4	
16	870032-024	1	reducer, str thrd viton 2 1/2 x 1 1/2	
17	883008-016	3	screw, tf-hex m8 x 16 blk zinc	
18	883208-166	4	washer, nord-lock pl m8 sp	
A1: TO SEQUENCING SOLENOID VALVE				
A2: TO AFTERCOOLER IN				
A3: TO UNIT OIL RETURN PORT				
A4: TO UNIT DISCHARGE				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A5: TO GROUNDING LOCATION ON FRAME				
A6: TO FRAME				
A7: TO STANDARD SOLENOID VALVE				
A8: TO OIL BY-PASS VALVE				
A9: T1- WET DISCHARGE TEMPERATURE				
A10: P1- WET SEPARATOR/SUMP PRESSURE				
A11: TO BLOWDOWN VALVE				
Q1: SEE ASSY DRAWING 02250168-637				
SERVICE KITS FOR 02250160-774				
02250169-993 KIT, SEP ELEMENT P16/18				
02250160-776 KIT, ELEM ROUND 5.5D X 14.3LNG				
SERVICE KITS FOR 241771				
241772 KIT, REP STRAINER-V-TYPE				
SERVICE KITS FOR 02250097-598				
02250110-727 KIT, RPR 1-7/8"SAE MPV				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.26 SUMP AND PIPING—100HP/75KW 16 SERIES



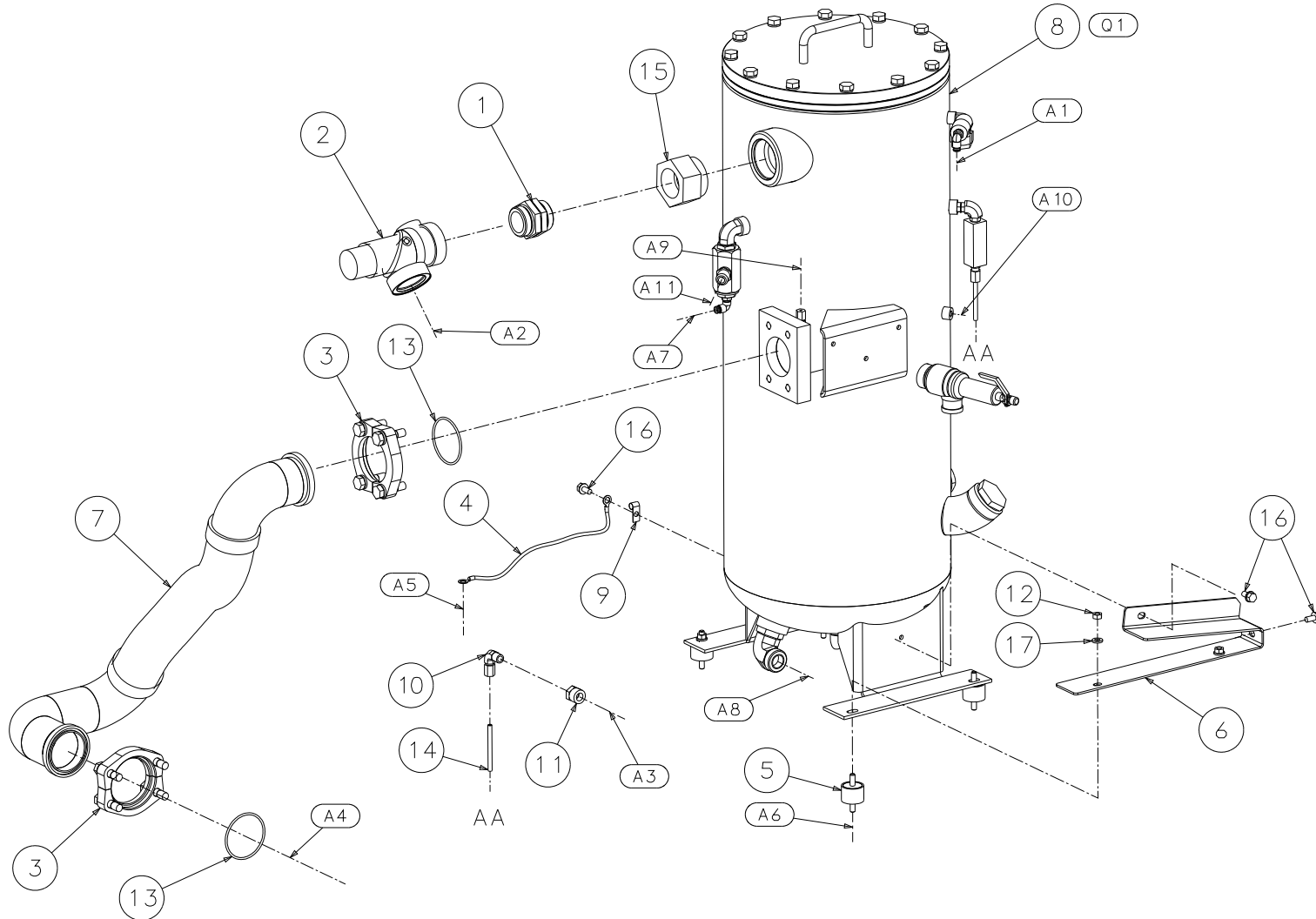
02250161-712R02

1.26 SUMP AND PIPING—100HP/75KW 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250109-817	1	valve, minimum pressure 2-1/2" sae in/out	
2	02250110-661	1	adapter, sae 2-1/2-12 x 2-1/2-12	
3	02250152-813	2	flange, kit 2.5" split m12 x 45	
4	02250157-450	1	wire, 10 gage ground bond 12" m8	
5	02250162-365	1	joint, expansion airend-sep p16	
6	02250162-374	4	isolator, vibration 5600 rec tnk	
7	02250164-918	1	support, shipping frm/tnk p16/18	
8	02250168-637	1	tank, assembly p16/18	
9	043357	1	clamp, speed tube 1/4"	
10	250211-005	1	elbow, tube-m 1/4" swgk 316ss	
11	825908-125	4	nut, hex metric m8 x 1.25	
12	826502-232	2	o-ring, viton 2 3/4 x 1/8"	
13	837808-125	4	washer, spr lock reg pltd 1/2	
14	841215-004	6	tubing, stnls stl 1/4 20ga ft	
15	867308-175	4	capscrew, ferry head hd pltd 1/2-13 x 1 3/4	
16	883008-016	3	screw, tf-hex m8 x 16 blk zinc	
17	883208-166	4	washer, nord-lock pl m8 sp	
A1: TO SEQUENCING SOLENOID VALVE				
A2: TO AC AFTERCOOLER IN				
A3: TO UNIT OIL RETURN PORT				
A4: TO UNIT DISCHARGE				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A5: TO GROUNDING LOCATION ON FRAME				
A6: TO FRAME				
A7: TO STANDARD SOLENOID VALVE				
A8: TO OIL BY-PASS VALVE				
A9: T1-WET DISCHARGE TEMPERATURE				
A10: P1-WET SEPARATOR/SUMP PRESSURE				
A11: TO BLOWDOWN HOSE				
A12: TO WC AFTERCOOLER IN				
A13: DISCARD BOLT AND WASHER FROM SPLIT FLANGE ASSY AND USE PARTS NOTED IN PARTS LIST				
Q1: SEE ASSY DRAWING 02250168-637				
SERVICE KITS FOR 02250109-817				
250018-456 KIT, REP 2" MPT MIN PRESS CHK				
SERVICE KITS FOR 02250160-774				
02250169-993 KIT, SEP ELEMENT P16/18				
02250160-776 KIT, ELEM ROUND 5.5D X 14.3LNG				
SERVICE KITS FOR 241771				
241772 KIT, REP STRAINER-V-TYPE				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.27 SUMP AND PIPING - 60-75HP/45-55KW 18 SERIES



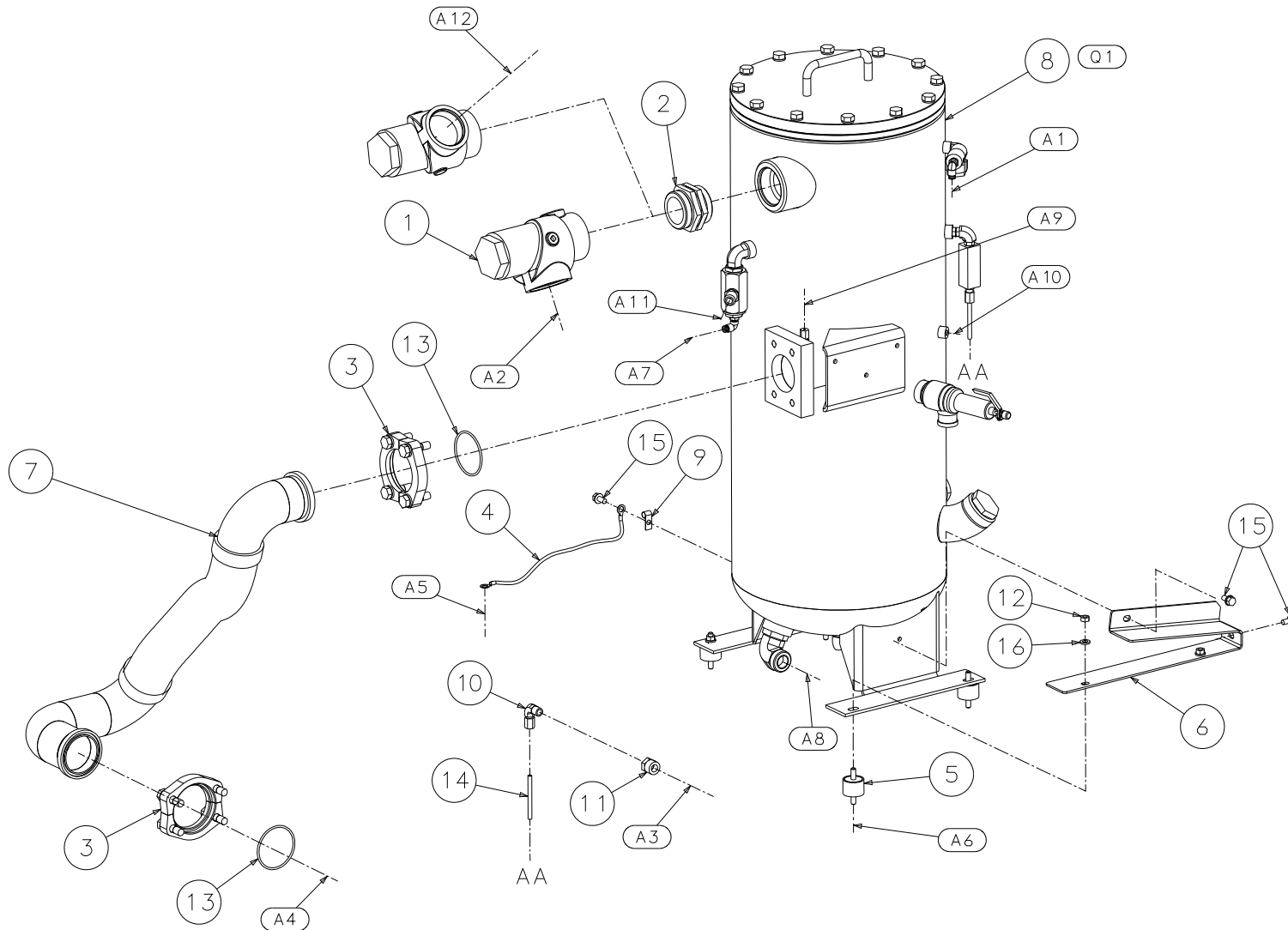
02250174-425-R02

1.27 SUMP AND PIPING - 60-75HP/45-55KW 18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250055-014	1	adapter, sae 1 7/8-12 x 1 7/8-12	
2	02250097-598	1	vlv. min press chk 1-7/8 sae 0-ring port	
3	02250152-813	2	flange, kit 2.5" split m12 x 45	
4	02250157-450	1	wire, 10 gage ground bond 12" m8	
5	02250162-374	4	isolator, vibration 5600 rec tnk	
6	02250164-918	1	support, shipping frm/tnk p16/18	
7	02250166-419	1	joint, expansion rec tnk /unit p18	
8	02250168-637	1	tank, assembly p16/18	
9	043357	1	clamp, speed tube 1/4"	
10	250211-005	1	elbow, tube-m 1/4" swgk 316ss	
11	811505-025	1	adapter, female pipe 5/8 x 1/4	
12	825908-125	4	nut, hex metric m8 x 1.25	
13	826502-232	2	o-ring, viton 2 3/4 x 1/8"	
14	841215-004	6	tubing, stnls stl 1/4 20ga ft	
15	870032-024	1	reducer, str thrd viton 2 1/2 x 1 1/2	
16	883008-016	3	screw, tf-hex m8 x 16 blk zinc	
17	883208-166	4	washer, nord-lock pl m8 sp	
A1: TO SEQUENCING SOLENOID VALVE				
A2: TO AFTERCOOLER IN				
A3: TO UNIT OIL RETURN PORT				
A4: TO UNIT DISCHARGE				
A5: TO GROUNDING LOCATION ON FRAME				
A6: TO FRAME				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A7: TO STANDARD SOLENOID VALVE				
A8: TO OIL BY-PASS VALVE				
A9: T1- WET DISCHARGE TEMPERATURE				
A10: P1- WET SEPARATOR/SUMP PRESSURE				
A11: TO BLOWDOWN VALVE HOSE				
Q1: SEE ASSY DRAWING 02250168-637				
SERVICE KITS FOR 02250160-774				
02250169-993 KIT, SEP ELEMENT P16/18				
02250160-776 KIT, ELEM ROUND 5.5D X 14.3LNG				
SERVICE KITS FOR 241771				
241772 KIT, REP STRAINER-V-TYPE				
SERVICE KITS FOR 02250097-598				
02250110-727 KIT, RPR 1-7/8" SAE MPV				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.28 SUMP AND PIPING—100HP/75KW 18 SERIES



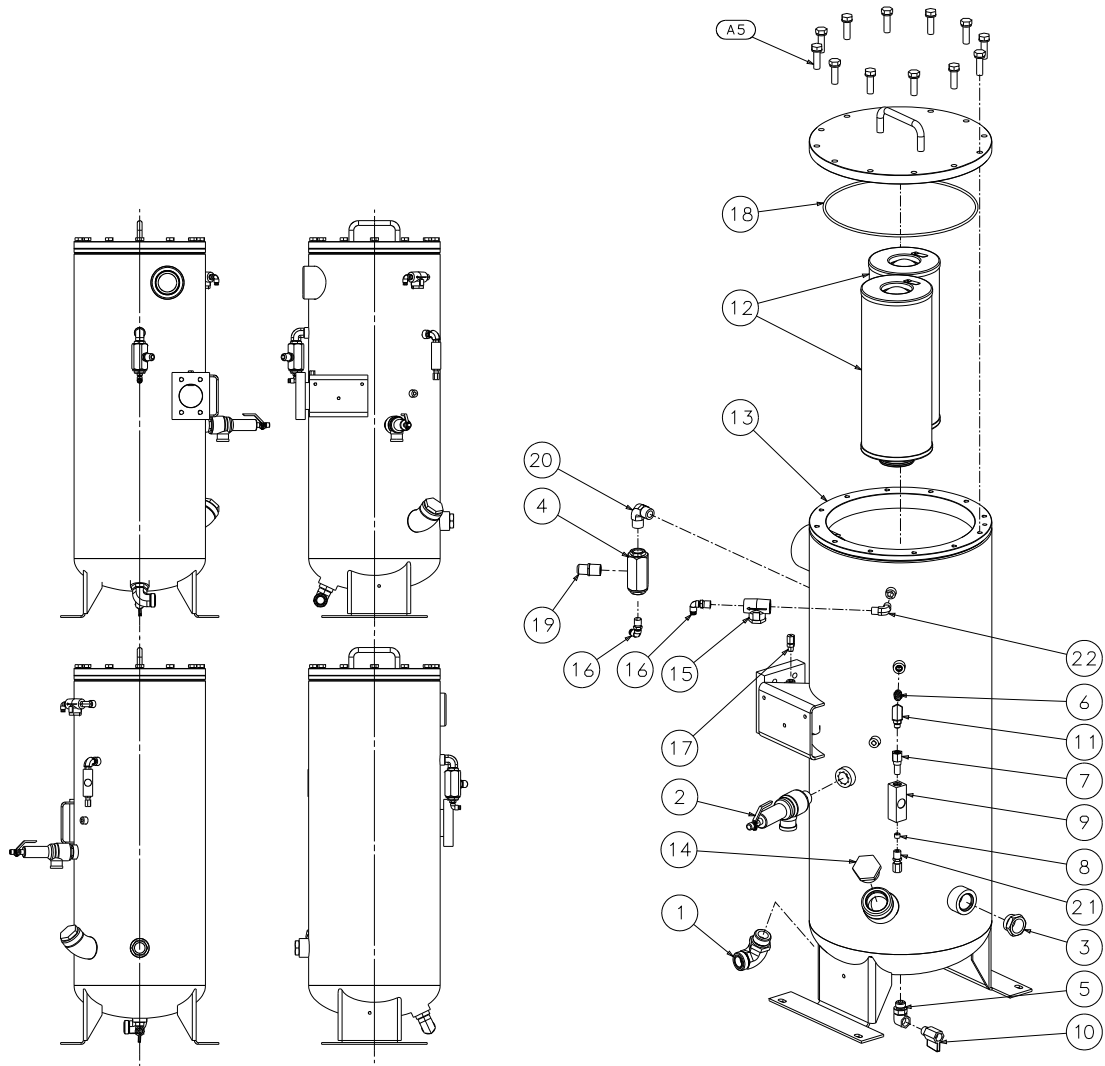
02250167-621-R02

1.28 SUMP AND PIPING—100HP/75KW 18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250109-817	1	valve, minimum pressure 2-1/2" sae in/out	
2	02250110-661	1	adapter, sae 2-1/2-12 x 2-1/2-12	
3	02250152-813	2	flange, kit 2.5" split m12 x 45	
4	02250157-450	1	wire, 10 gage ground bond 12" m8	
5	02250162-374	4	isolator, vibration 5600 rec tnk	
6	02250164-918	1	support, shipping frm/tnk p16/18	
7	02250166-419	1	joint, expansion rec tnk /unit p18	
8	02250168-637	1	tank, assembly p16/18	
9	043357	1	clamp, speed tube 1/4"	
10	250211-005	1	elbow, tube-m 1/4" swgk 316ss	
11	811505-025	1	adapter, female pipe 5/8 x 1/4	
12	825908-125	4	nut, hex metric m8 x 1.25	
13	826502-232	2	o-ring, viton 2 3/4 x 1/8"	
14	841215-004	6	tubing, stnls stl 1/4 20ga ft	
15	883008-016	3	screw, tf-hex m8 x 16 blk zinc	
16	883208-166	4	washer, nord-lock pl m8 sp	
A1: TO SEQUENCING SOLENOID VALVE				
A2: TO AC AFTERCOOLER IN				
A3: TO UNIT OIL RETURN PORT				
A4: TO UNIT DISCHARGE				
A5: TO GROUNDING LOCATION ON FRAME				
A6: TO FRAME				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A7: TO STANDARD SOLENOID VALVE				
A8: TO OIL BY-PASS VALVE				
A9: T1-WET DISCHARGE TEMPERATURE				
A10: P1-WET SEPARATOR/SUMP PRESSURE				
A11: TO BLOWDOWN HOSE				
A12: TO WC AFTERCOOLER IN				
Q1: SEE ASSY DRAWING 02250168-637				
SERVICE KITS FOR 02250109-817				
02250177-150 KIT, REP 2 1/2" SAE MIN PRESS CHK				
SERVICE KITS FOR 02250160-774				
02250169-993 KIT, SEP ELEMENT P16/18				
02250160-776 KIT, ELEM ROUND 5.5D X 14.3LNG				
SERVICE KITS FOR 241771				
241772 KIT, REP STRAINER-V-TYPE				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.29 SUMP TANK ASSEMBLY 16/18 SERIES

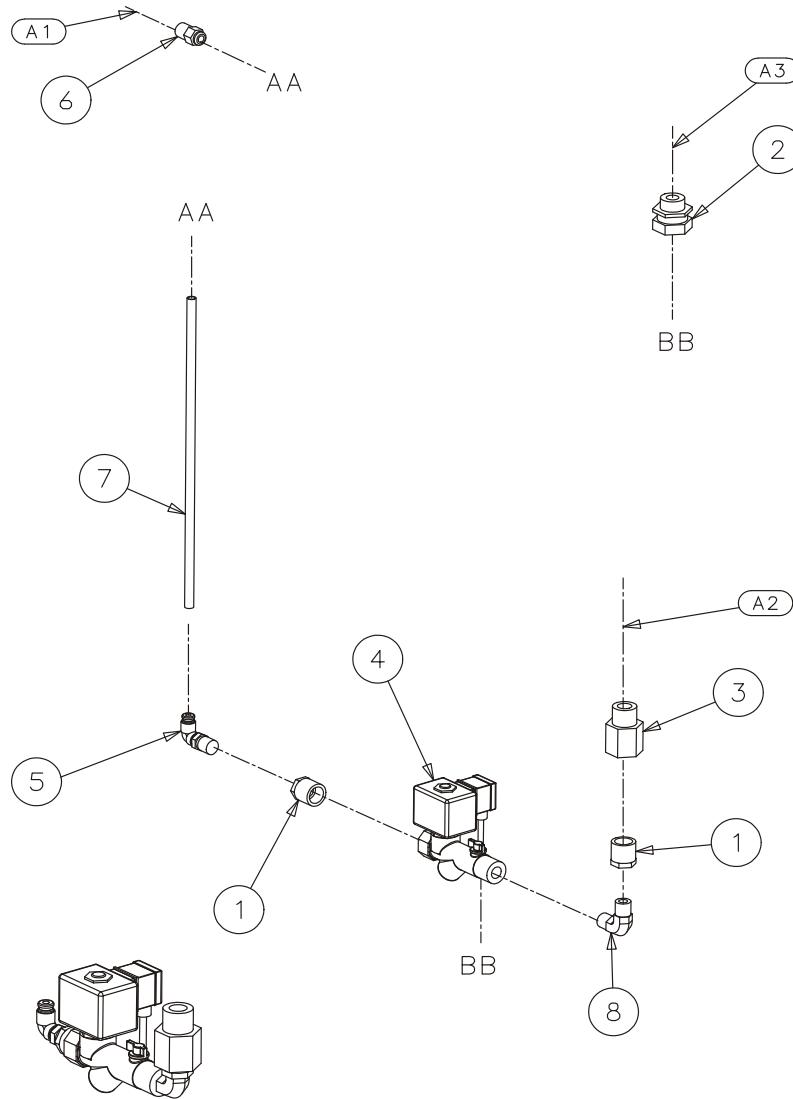


02250168-637R06

1.29 SUMP TANK ASSEMBLY 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250087-070	1	elbow,90 sae x orfs 1.00"	
2	02250097-349	1	valve, relief 200#	
3	02250097-610	1	plug,sight glass 1 5/16" sae	
4	02250100-042	1	valve,1/2 bldwn 1.8:1 250 psig	
5	02250100-093	1	elbow,90 deg 3/4 sae x 3/8 nptf	
6	02250101-783	1	adapter, sae 7/16 x 7/16-20	
7	02250117-782	1	filter, assembly screen filter	
8	02250125-774	1	orifice,plug brass 1/8"npt x 1/32"	
9	02250126-129	1	sightglass, orf block sae	
10	02250146-870	1	valve, ball mini m x f 3/8"viton	
11	02250152-798	1	elbow,saе 1/4" (7/16-20) m x f	
12	02250160-774	2	element, sep round 5.5d x 14.3lng+	
13	02250162-369	1	tank, separator p16/p18	
14	040029	1	plug,o-ring boss sae 1 1/4	
15	241771	1	strainer, v-type 300psix1/4	
16	250025-850	2	elbow, 90deg m swvl 1/4t x 1/4 npt	
17	250028-635	1	fitting, compress adj	
18	826502-380	1	o-ring, viton 11 1/2 x 3/16"	
19	860108-050	1	connector,37 fl/mpt pltd 1/2 x 1/2	
20	860508-050	1	elbow, pipe-90m 1/2 x 1/2	
21	876804-025	1	connector, tube-m 1/4 x 1/4 ss	
22	881004-025	1	elbow, pipe-90m 1/4 x 1/4 brass	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.30 MOISTURE DRAIN—STANDARD 16/18 SERIES

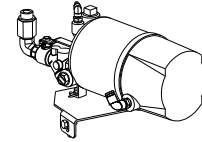
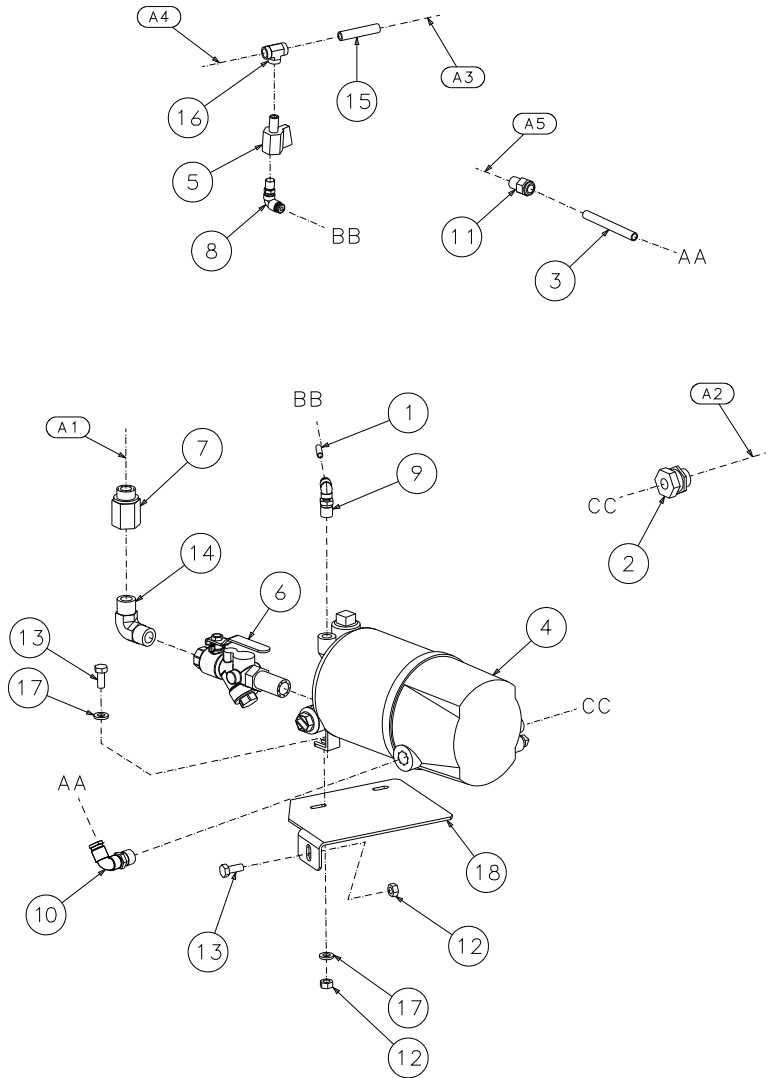


02250161-710R00

1.30 MOISTURE DRAIN—STANDARD 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250046-110	2	bushing, red brs 1/2 x 1/4	
2	02250071-380	1	grip, cord n4 .187-.250 x 1/2"	
3	02250167-603	1	adapter, 1/2m bspp-1/2f npt brass	
4	02250170-783	1	valve, drain combo 24 vdc	(I)
5	250025-850	1	elbow, 90deg m swvl 1/4t x 1/4 npt	
6	250025-859	1	connector, male 1/4tube x 1/4	
7	842215-004	5ft	hose, nylon 1/4	
8	881004-025	1	elbow, pipe-90m 1/4 x 1/4 brass	
A1: To air out bracket				
A2: From water separator				
A3: To bottom of starter box				
(I) For maintenance on condensate drain valve no. 02250170-783, order service kit no. 02250171-245; coil replacement kit no. 02250171-243; and power cable replacement no. 02250171-483.				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.31 MOISTURE DRAIN—SCD 16/18 SERIES

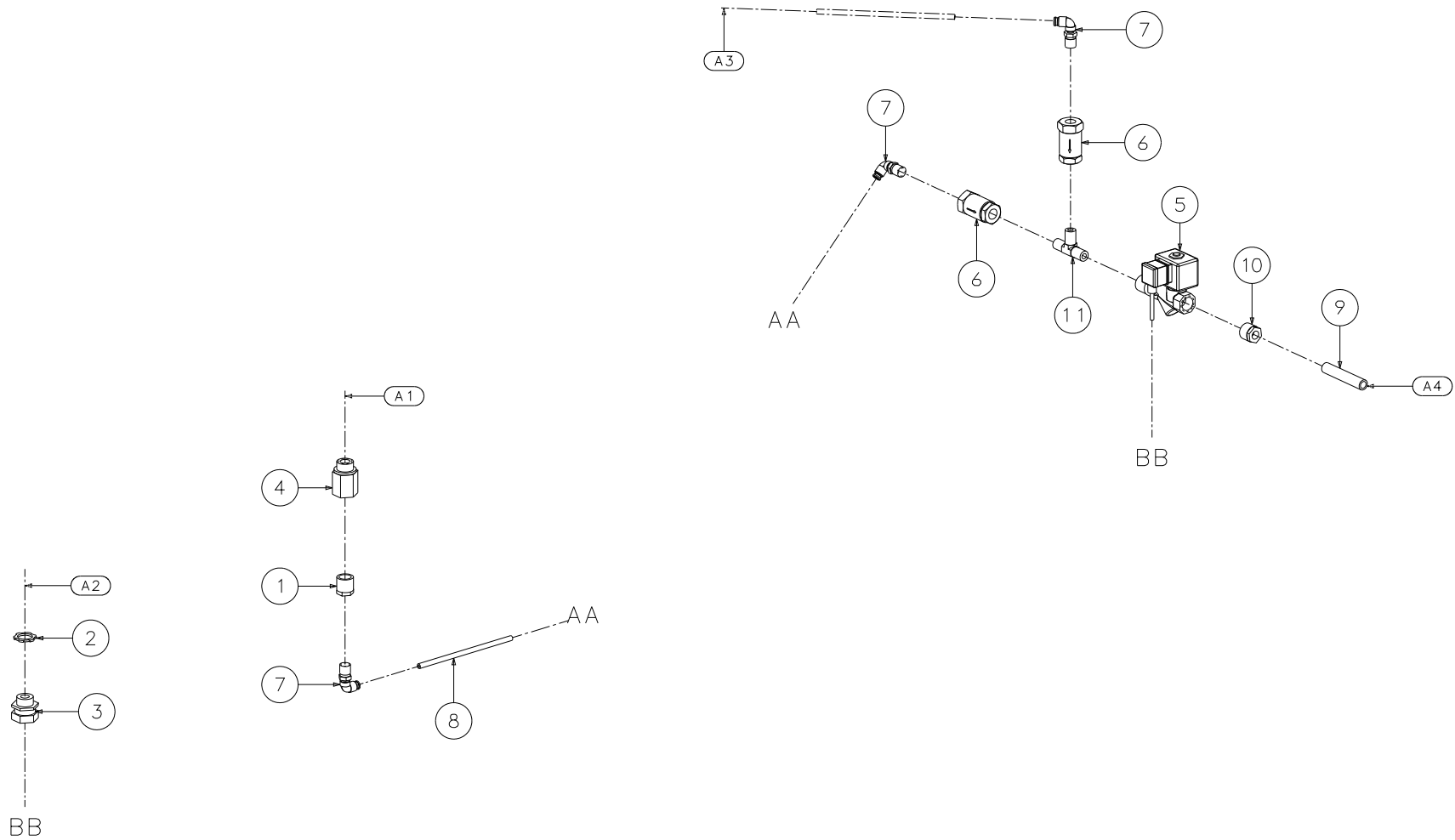


02250169-571R02

1.31 MOISTURE DRAIN—SCD 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250054-861	5	tube,nyl .25 od x 040w blk(ft)	
2	02250071-381	1	grip, cord n4 .250-.375 x 1/2"	
3	02250099-630	7	tube,nylon .375"od x .050w black (ft)	
4	02250130-866	1	drain,scd400 115v npt	
5	02250140-865	1	valve,ball 1/8m x 1/8f 1/4 turn	
6	02250144-842	1	valve,ball/stnr 1/2f x 1/2m	
7	02250167-603	1	adapter,1/2m bspp-1/2f npt plated steel	
8	250025-849	1	elbow,90deg m swvl 1/4t x 1/8npt	
9	250025-850	1	elbow, 90deg m swvl 1/4t x 1/4 npt	
10	250025-853	1	elbow, 90deg m swvl 3/8 t x3/8	
11	250025-860	1	connector, male 3/8tube x 1/4	
12	825908-125	3	nut,hex metric m8 x 1.25	
13	828008-020	3	capscrew,hex 8.8 m8 x 20mm	
14	860508-050	1	elbow, pipe-90m 1/2 x 1/2	
15	866302-020	1	nipple,pipe pltd 1/8 x 2	
16	878212-012	1	tee,female pipe brass 1/8"	
17	883208-166	2	washer, nord-lock pl m8 sp	
18	VARIOUS	1	support	
A1: FROM WATER SEPARATOR				
A2: TO SIDE OF STARTER BOX				
A3: TO SIDE OF 2" COUPLING ON AIR-OUT BRACKET				
A4: PACKAGE DISCHARGE PRESSURE P2				
A5: TO 1/4" COUPLING ON AIR-OUT BRACKET				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.32 MOISTURE DRAIN—INTEGRAL DRYER 16/18 SERIES

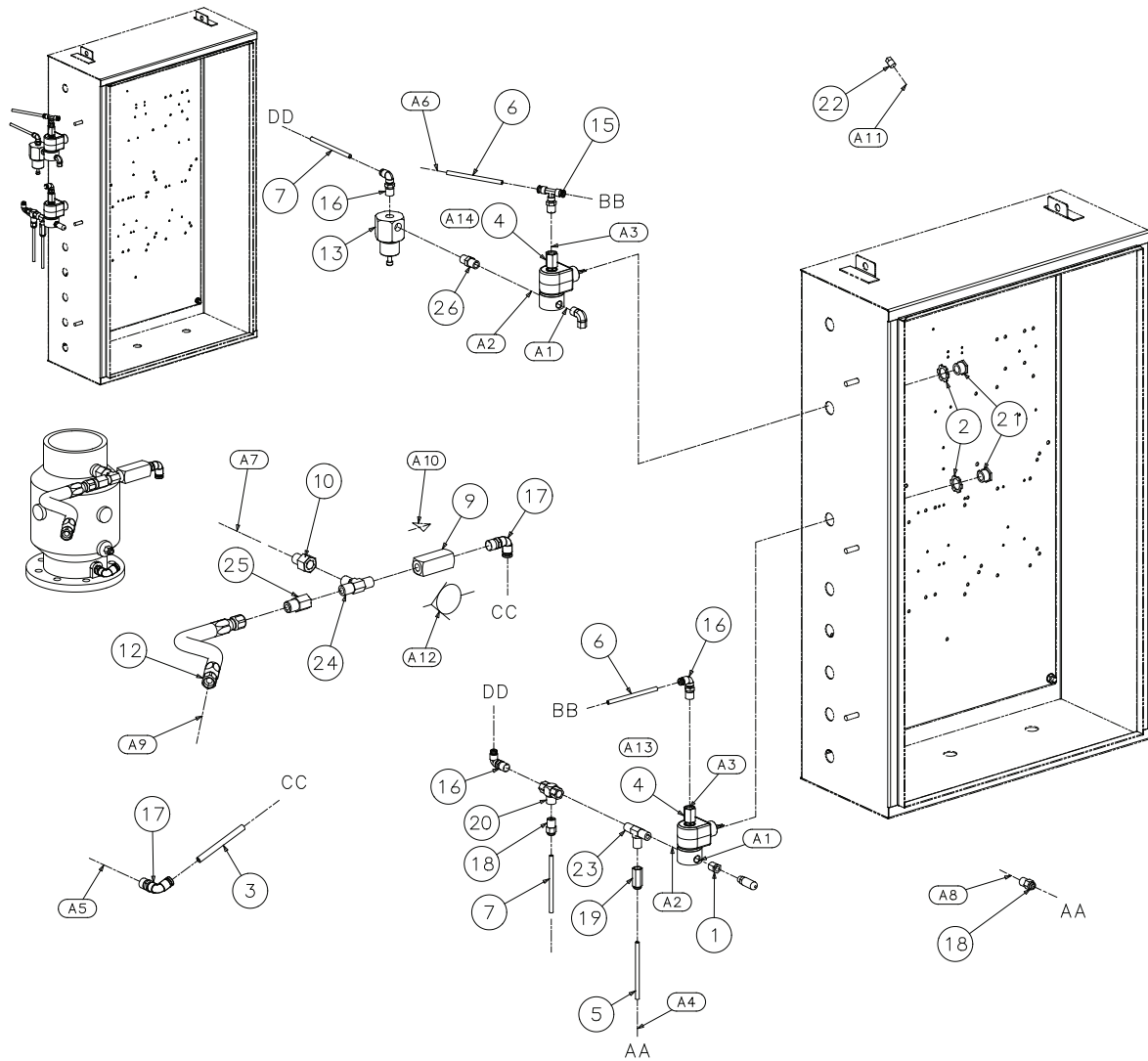


02250175-195-R00

1.32 MOISTURE DRAIN—INTEGRAL DRYER 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250046-110	1	bushing, red brs 1/2 x 1/4	
2	02250071-362	1	locknut, n4 conduit sealing	
3	02250071-380	1	grip, cord n4 .187-.250 x 1/2"	
4	02250167-603	1	adapter, 1/2m bssp-1/2f npt plated steel	
5	02250170-783	1	valve, drain combo 24 vdc	
6	049905	2	valve, check 1/4"	
7	250025-850	3	elbow, 90deg m swvl 1/4t x 1/4 npt	
8	842215-004	20	hose, nylon 1/4(ft)	
9	866304-030	1	nipple, pipe pltd 1/4 x 3	
10	868902-010	1	bushing, red hex pltd 1/2 x 1/4	
11	869825-025	1	tee, male pipe brass 1/4	
A1: FROM WATER SEPARATOR				
A2: TO BOTTOM OF STARTER BOX				
A3: FROM REFRIGERANT EVAPORATOR CONDENSATE HOSE				
A4: TO AIR OUT BRACKET				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.33 PNEUMATIC CONTROL 16 SERIES NYLON



02250161-705R02

1.33 PNEUMATIC CONTROL 16 SERIES NYLON

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250046-101	1	bushing, red brs 1/4 x 1/8	
2	02250071-362	2	locknut, n4 conduit sealing	
3	02250139-950	1	tbg, nylon 3/8"od red	
4	02250155-714	2	valve, solenoid 3wno 1/4 250# 24vdc	
5	02250155-961	3	tbg,nylon 1/4"-od red	
6	02250155-962	3	tbg,nylon 1/4"-od blue	
7	02250155-963	3	tbg,nylon 1/4"-od yellow	
8	02250166-128	1	valve, inlet 4" p16 low pilot pres	
9	02250172-320	1	valve,check 3/8"nptf	
10	02250172-323	1	orifice,.140" 3/8 fnpt x 3/8 mnpt	
11	02250173-972	1	filter,pneumatic 1/8"npt 5micr	
12	249608-018	1	hose,med press 0.50 x 012"	
13	250017-280	1	valve, pressure regulator	
14	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
15	250025-835	1	tee, male branch swiv 1/4 tube x 1/4 npt	
16	250025-850	3	elbow, 90deg m swvl 1/4t x 1/4 npt	
17	250025-853	2	elbow, 90deg m swvl 3/8 t x3/8	
18	250025-859	2	connector, male1/4tube x 1/4	
19	250025-923	1	connector,fem tube 1/4 x 1/4 nptf	
20	408893	1	valve, shuttle 1/4" npt (dbl chk)	
21	847815-050	2	nipple,chase cond 1/2	
22	866900-005	1	plug, pipe 1/8" 3000# stl plt	
23	869825-025	1	tee,male pipe brass 1/4	
24	869838-038	1	tee,male pipe brass 3/8	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

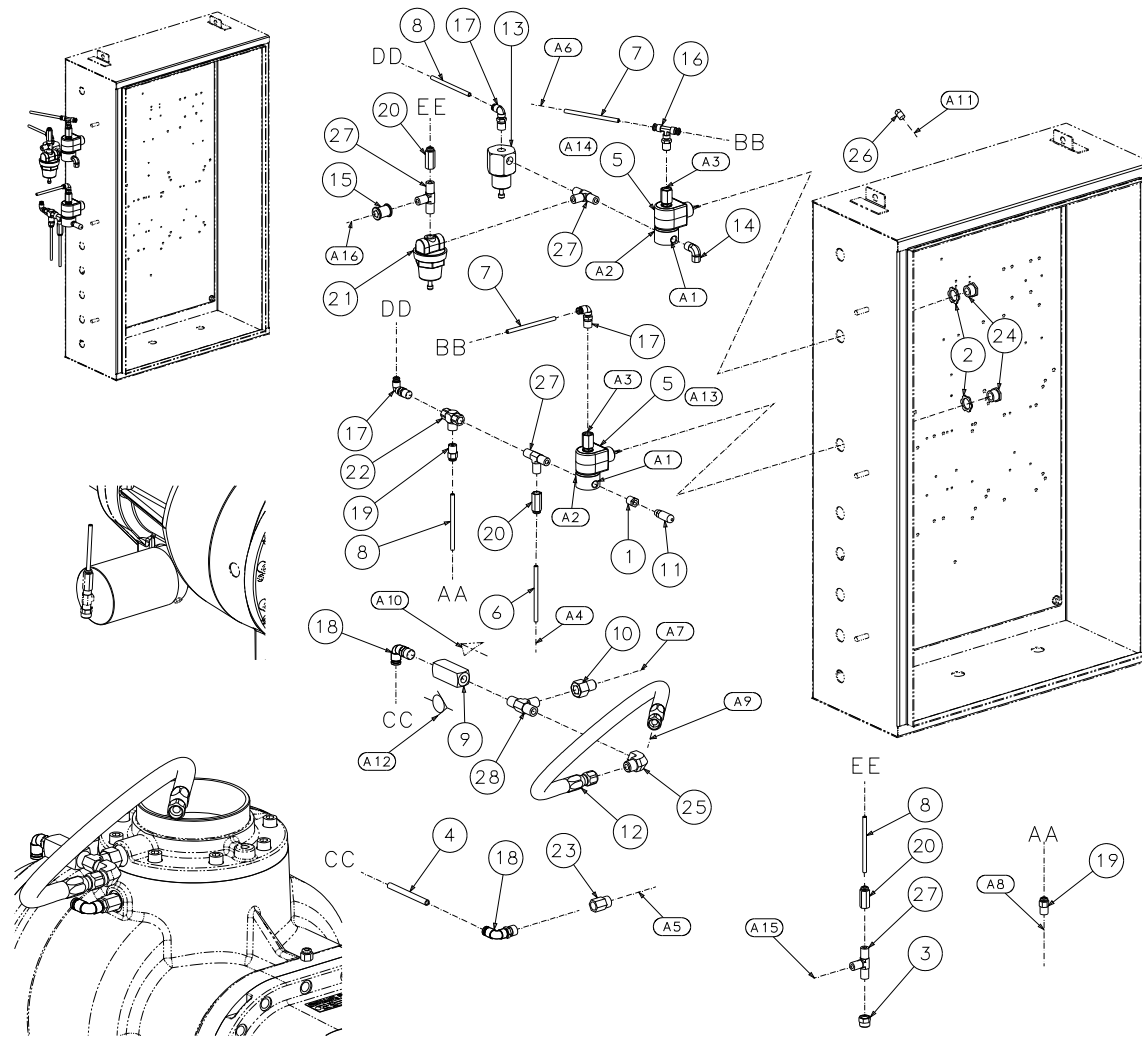
KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
25	873706-075	1	connector,37 fl 1/2 x 3/8" npt	
26	881304-025	1	nipple,pipe-hx brass 1/4 x 1/4	
A1: PORT 1				
A2: PORT 2				
A3: PORT 3				
A4: TO FITTING UNDER BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A5: TO BOTTOM CONNECTION ON INLET VALVE				
A6: TO STRAINER MOUNTED ON TANK ASSY.				
A7: TO TOP CONNECTION PORT ON INLET VALVE				
A8: TO MIDDLE CONNECTION PORT ON INLET VALVE				
A9: TO BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A10: FLOW DIRECTION				
A11: TO MINIMUM PRESSURE VALVE				
A12: SYMBOL ON CHECK VALVE SHOULD BE SHOWN IN THIS DIRECTION				
A13: SOLENOID 1				
A14: SOLENOID 4				
SERVICE KITS FOR 02250155-714				
02250157-500 KIT,SOL VLV 3WNO 24VDC				
SERVICE KITS FOR 250017-280				
250019-453 KIT, REPAIR PRESS REG VALVE				
SERVICE KITS FOR 249608-019				
02250171-103 KIT,HOSES P16/18 WC				
02250171-102 KIT,HOSES P16/18 AC				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.34 PNEUMATIC CONTROL 16 SERIES—STAINLESS STEEL

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250046-101	1	bushing, red brs 1/4 x 1/8	
2	02250071-362	2	locknut, n4 conduit sealing	
3	02250155-714	2	valve, solenoid 3wno 1/4 250# 24vdc	
4	02250172-320	1	valve, check 3/8" nptf	
5	02250172-323	1	orifice, .140" 3/8 fnpt x 3/8 mnpt	
6	02250173-972	1	filter, pneumatic 1/8" npt 5micr	
7	249608-018	1	hose, med press 0.50 x 012"	
8	250017-280	1	valve, pressure regulator	
9	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
10	250018-760	1	nipple, hx tbe 316s cajon 1/4"	
11	250139-016	2	connector, tube-m 1/4 swgk 316s	
12	250139-017	1	connector, tube-m 3/8 swgk 316s	
13	250139-044	1	connector, tube-f 1/4 swgk 316s	
14	250211-005	5	elbow, tube-m 1/4" swgk 316ss	
15	250211-006	1	elbow, tube-m 3/8" swglock ss	
16	250591-002	1	tee, tube-m branch 1/4 swg ss	
17	407403	16	tape, heat self-lim 120v-ft 5W per foot	
18	408893	1	valve, shuttle 1/4" npt (dbl chk)	
19	841215-004	1	tubing, stnls stl 1/4 20ga ft	
20	841215-006	1	tubing, stnls stl 3/8 20ga ft	
21	847815-050	2	nipple, chase cond 1/2	
22	866900-005	1	plug, pipe 1/8" 3000# stl plt	
23	869925-025	1	tee, male pipe stainless 1/4	
24	869938-038	1	tee, male pipe stainless 3/8	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
25	873706-075	1	connector, 37 fl 1/2 x 3/8" npt	
A1: PORT 1				
A2: PORT 2				
A3: PORT 3				
A4: SOLENOID 4				
A5: TO BOTTOM CONNECTION ON INLET VALVE				
A6: STRAINER MOUNTED ON TANK ASSY.				
A7: TO TOP CONNECTION PORT ON INLET VALVE				
A8: TO MIDDLE CONNECTION PORT ON INLET VALVE				
A9: BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A10: FLOW DIRECTION				
A11: TO MINIMUM PRESSURE VALVE				
A12: SYMBOL ON CHECK VALVE SHOULD BE SHOWN IN THIS DIRECTION				
A13: SOLENOID 1				
A14: REMOVE STANDARD FITTING WHICH COMES MOUNTED ON TANK ASSY. REPLACE WITH STAINLESS STEEL FITTING.				
A15: HEAT TRACE FOR COLD WEATHER OPTIONS ONLY				
SERVICE KITS FOR 02250155-714				
02250157-500 KIT, SOL VLV 3WNO 24VDC				
SERVICE KITS FOR 250017-280				
250019-453 KIT, REPAIR PRESS REG VALVE				
SERVICE KITS FOR 249608-019				
02250171-103 KIT, HOSES P16/18 WC				
02250171-102 KIT, HOSES P16/18 AC				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.35 PNEUMATIC CONTROL 18 SERIES—NYLON WITH SPIRAL VALVE



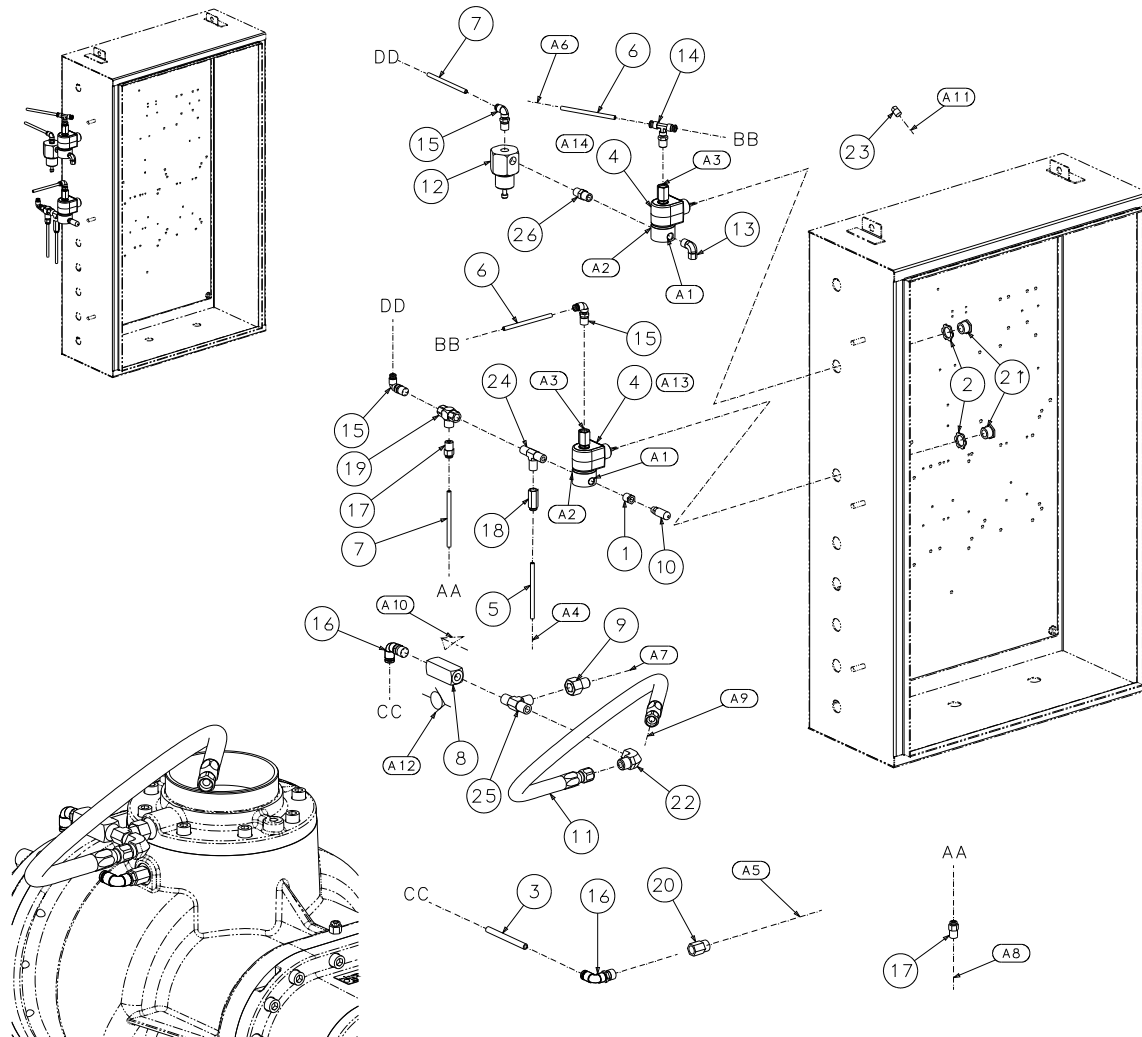
02250169-995-R03

1.35 PNEUMATIC CONTROL 18 SERIES—NYLON WITH SPIRAL VALVE

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250046-101	1	bushing, red brs 1/4 x 1/8	
2	02250071-362	2	locknut, n4 conduit sealing	
3	02250132-934	1	orifice, cap .031" x 1/4" npt	
4	02250139-950	1	tbg, nylon 3/8"od red	
5	02250155-714	2	valve, solenoid 3wno 1/4 250# 24vdc	
6	02250155-961	3	tbg,nylon 1/4"-od red	
7	02250155-962	3	tbg,nylon 1/4"-od blue	
8	02250155-963	10	tbg,nylon 1/4"-od yellow	
9	02250172-320	1	valve,check 3/8"nptf	
10	02250172-323	1	orifice,.140" 3/8 fnpt x 3/8 mnpt	
11	02250173-972	1	filter,pneumatic 1/8"npt 5micr	
12	249608-014	1	hose,med press 0.50 x 017"	
13	250017-280	1	valve, pressure regulator	
14	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
15	250021-759	1	coupling, brass 1/4x1/4 npt	
16	250025-835	1	tee, male branch swiv 1/4 tube x 1/4 npt	
17	250025-850	3	elbow, 90deg m swvl 1/4t x 1/4 npt	
18	250025-853	2	elbow, 90deg m swvl 3/8 t x3/8	
19	250025-859	2	connector, male1/4tube x 1/4	
20	250025-923	3	connector,fem tube 1/4 x 1/4 nptf	
21	408275	1	valve, pressure reg 100psi	
22	408893	1	valve, shuttle 1/4" npt (dbl chk)	
23	811504-038	1	adapter, female pipe 1/2 x 3/8	
24	847815-050	2	nipple,chase cond 1/2	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
25	860308-038	1	elbow, 37fi 90f 1/2 x 3/8	
26	866900-005	1	plug, pipe 1/8" 3000# stl plt	
27	869825-025	4	tee,male pipe brass 1/4	
28	869838-038	1	tee,male pipe brass 3/8	
SERVICE KITS FOR 02250155-714				
02250157-500 KIT,SOL VLV 3WNO 24VDC				
SERVICE KITS FOR 250017-280				
250019-453 KIT, REPAIR PRESS REG VALVE				
A1: PORT 1				
A2: PORT 2				
A3: PORT 3				
A4: TO FITTING UNDER BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A5: TO BOTTOM INLET CONNECTION				
A6: TO STRAINER MOUNTED ON TANK ASSY.				
A7: TO TOP INLET CONNECTION				
A8: TO CONNECTION PORT TOP OF UNIT				
A9: TO BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A10: FLOW DIRECTION				
A11: TO MINIMUM PRESSURE VALVE				
A12: SYMBOL ON CHECK VALVE SHOULD BE SHOWN IN THIS DIRECTION				
A13: SOLENOID 1				
A14: SOLENOID 4				
A15: TO SPIRAL VALVE				
A16: TO P3 SPIRAL VALVE TRANSDUCER				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.36 PNEUMATIC CONTROL 18 SERIES—NYLON LESS SPIRAL VALVE



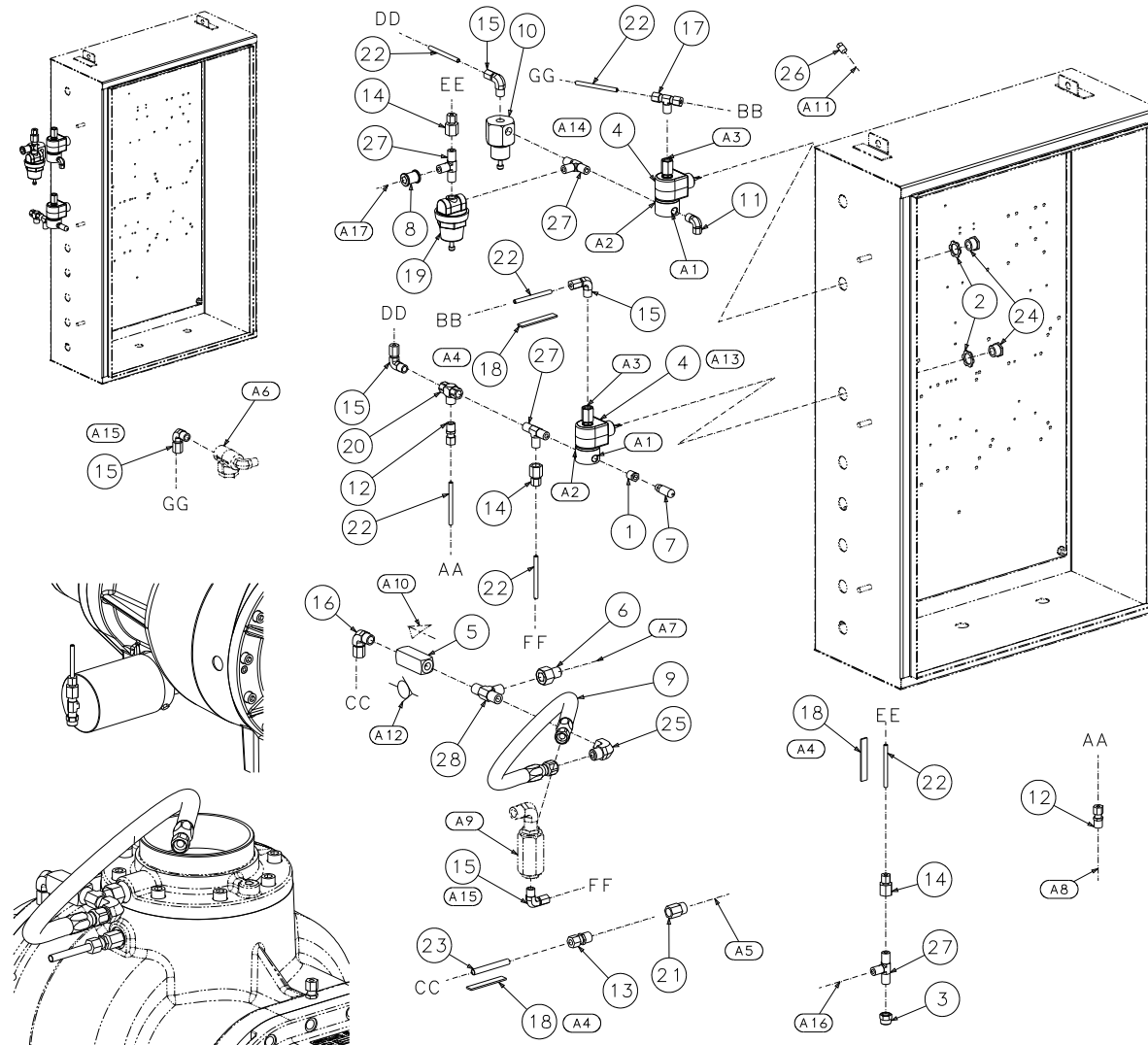
02250175-080-R01

1.36 PNEUMATIC CONTROL 18 SERIES—NYLON LESS SPIRAL VALVE

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250046-101	1	bushing, red brs 1/4 x 1/8	
2	02250071-362	2	locknut, n4 conduit sealing	
3	02250139-950	1	tbg, nylon 3/8"od red	
4	02250155-714	2	valve, solenoid 3wno 1/4 250# 24vdc	
5	02250155-961	3	tbg,nylon 1/4"-od red	
6	02250155-962	3	tbg,nylon 1/4"-od blue	
7	02250155-963	3	tbg,nylon 1/4"-od yellow	
8	02250172-320	1	valve,check 3/8"nptf	
9	02250172-323	1	orifice,.140" 3/8 fnpt x 3/8 mnpt	
10	02250173-972	1	filter,pneumatic 1/8"npt 5micr	
11	249608-014	1	hose,med press 0.50 x 017"	
12	250017-280	1	valve, pressure regulator	
13	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
14	250025-835	1	tee, male branch swiv 1/4 tube x 1/4 npt	
15	250025-850	3	elbow, 90deg m swvl 1/4t x 1/4 npt	
16	250025-853	2	elbow, 90deg m swvl 3/8 t x3/8	
17	250025-859	2	connector, male1/4tube x 1/4	
18	250025-923	1	connector,fem tube 1/4 x 1/4 nptf	
19	408893	1	valve, shuttle 1/4" npt (dbl chk)	
20	811504-038	1	adapter, female pipe 1/2 x 3/8	
21	847815-050	2	nipple,chase cond 1/2	
22	860308-038	1	elbow, 37fl 90f 1/2 x 3/8	
23	866900-005	1	plug, pipe 1/8" 3000# stl plt	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	869825-025	1	tee,male pipe brass 1/4	
25	869838-038	1	tee,male pipe brass 3/8	
26	881304-025	1	nipple,pipe-hx brass 1/4 x 1/4	
A1: PORT 1				
A2: PORT 2				
A3: PORT 3				
A4: TO FITTING UNDER BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A5: TO BOTTOM INLET CONNECTION				
A6: TO STRAINER MOUNTED ON TANK ASSY.				
A7: TO TOP INLET CONNECTION				
A8: TO CONNECTION PORT TOP OF UNIT				
A9: TO BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A10: FLOW DIRECTION				
A11: TO MINIMUM PRESSURE VALVE				
A12: SYMBOL ON CHECK VALVE SHOULD BE SHOWN IN THIS DIRECTION				
A13: SOLENOID 1				
A14: SOLENOID 4				
SERVICE KITS FOR 02250155-714				
02250157-500 KIT,SOL VLV 3WNO 24VDC				
SERVICE KITS FOR 250017-280				
250019-453 KIT, REPAIR PRESS REG VALVE				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.37 PNEUMATIC CONTROL 18 SERIES—STAINLESS STEEL WITH SPIRAL VALVE



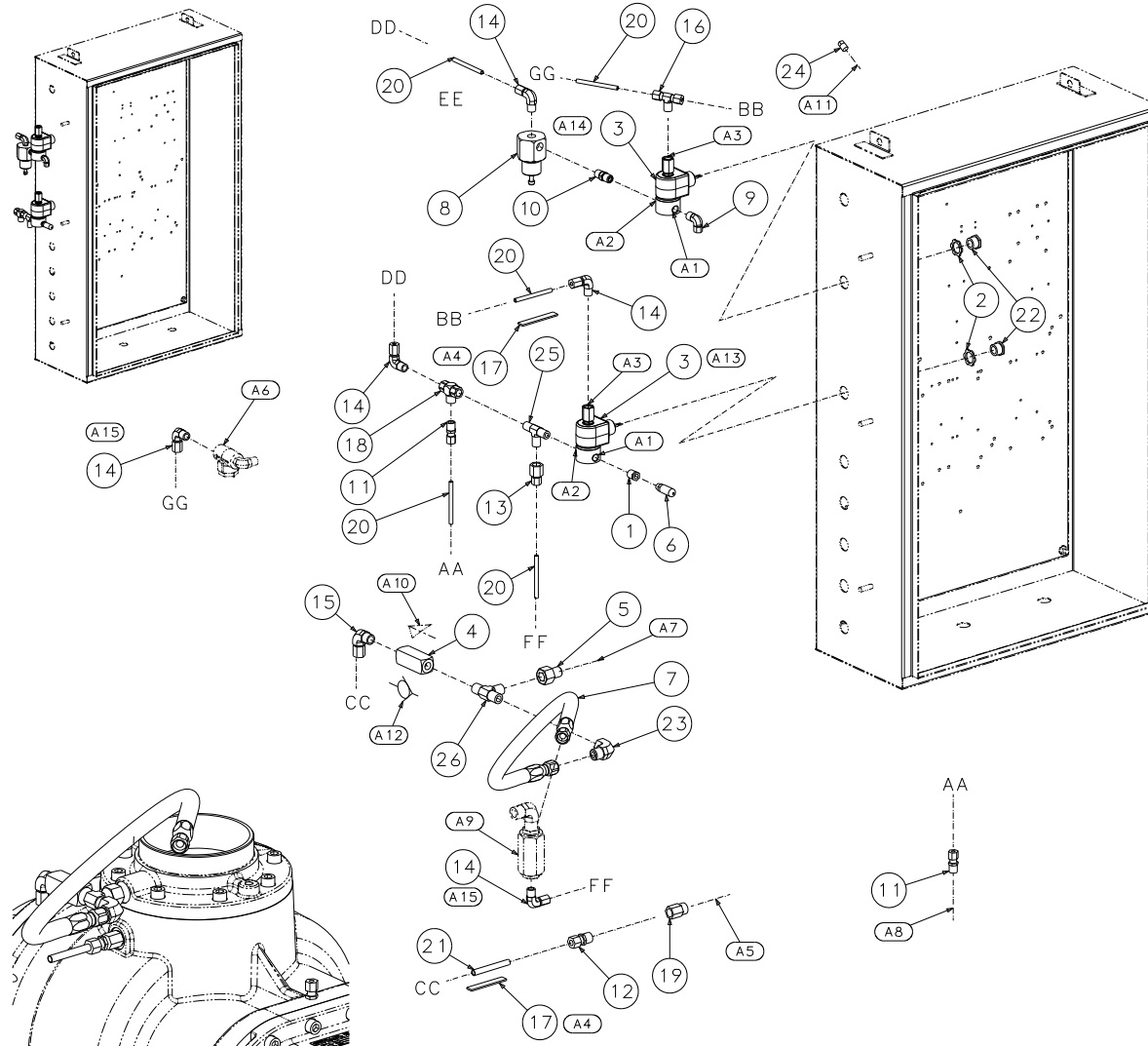
02250175-230-R02

1.37 PNEUMATIC CONTROL 18 SERIES—STAINLESS STEEL WITH SPIRAL VALVE

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250046-101	1	bushing, red brs 1/4 x 1/8	
2	02250071-362	2	locknut, n4 conduit sealing	
3	02250132-934	1	orifice, cap .031" x 1/4" npt	
4	02250155-714	2	valve, solenoid 3wno 1/4 250# 24vdc	
5	02250172-320	1	valve, check 3/8" nptf	
6	02250172-323	1	orifice, .140" 3/8 fnpt x 3/8 mnpt	
7	02250173-972	1	filter, pneumatic 1/8" npt 5micr	
8	248613-003	1	coupling, pipe 1/4" 150# 316ss	
9	249608-014	1	hose, med press 0.50 x 017"	
10	250017-280	1	valve, pressure regulator	
11	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
12	250139-016	2	connector, tube-m 1/4 swgk 316s	
13	250139-017	1	connector, tube-m 3/8 swgk 316s	
14	250139-044	3	connector, tube-f 1/4 swgk 316s	
15	250211-005	5	elbow, tube-m 1/4" swgk 316ss	
16	250211-006	1	elbow, tube-m 3/8" swglock ss	
17	250591-002	1	tee, tube-m branch 1/4 swg ss	
18	407403	16	tape, heat self-lim 120v-ft 5W per foot	
19	408275	1	valve, pressure reg 100psi	
20	408893	1	valve, shuttle 1/4" npt (dbl chk)	
21	811504-038	1	adapter, female pipe 1/2 x 3/8	
22	841215-004	16	tubing, stnls stl 1/4 20ga ft	
23	841215-006	1	tubing, stnls stl 3/8 20ga ft	
24	847815-050	2	nipple, chase cond 1/2	
25	860308-038	1	elbow, 37fl 90f 1/2 x 3/8	
26	866900-005	1	plug, pipe 1/8" 3000# stl plt	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
27	869925-025	4	tee, male pipe stainless 1/4	
28	869938-038	1	tee, male pipe stainless 3/8	
A1: PORT 1				
A2: PORT 2				
A3: PORT 3				
A4: HEAT TRACE FOR COLD WEATHER OPTIONS ONLY				
A5: TO BOTTOM INLET CONNECTION				
A6: STRAINER MOUNTED ON TANK ASSY.				
A7: TO TOP INLET CONNECTION				
A8: TO CONNECTION PORT TOP OF UNIT				
A9: BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A10: FLOW DIRECTION				
A11: TO MINIMUM PRESSURE VALVE				
A12: SYMBOL ON CHECK VALVE SHOULD BE SHOWN IN THIS DIRECTION				
A13: SOLENOID 1				
A14: SOLENOID 4				
A15: REMOVE STANDARD FITTING WHICH COMES MOUNTED ON TANK ASSY. REPLACE WITH STAINLESS STEEL FITTING.				
A16: SPIRAL VALVE ACTUATOR				
A17: TO P3 SPIRAL VALVE TRANSDUCER				
SERVICE KITS FOR 02250155-714				
02250157-500 KIT, SOL VLV 3WNO 24VDC				
SERVICE KITS FOR 250017-280				
250019-453 KIT, REPAIR PRESS REG VALVE				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.38 PNEUMATIC CONTROL 18 SERIES—STAINLESS STEEL LESS SPIRAL VALVE



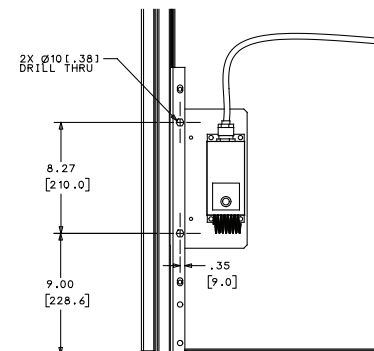
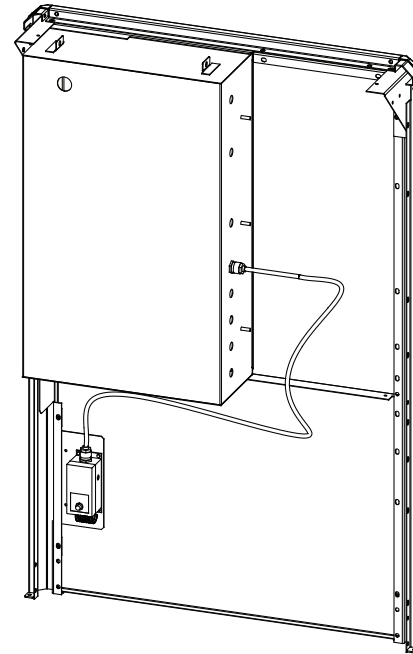
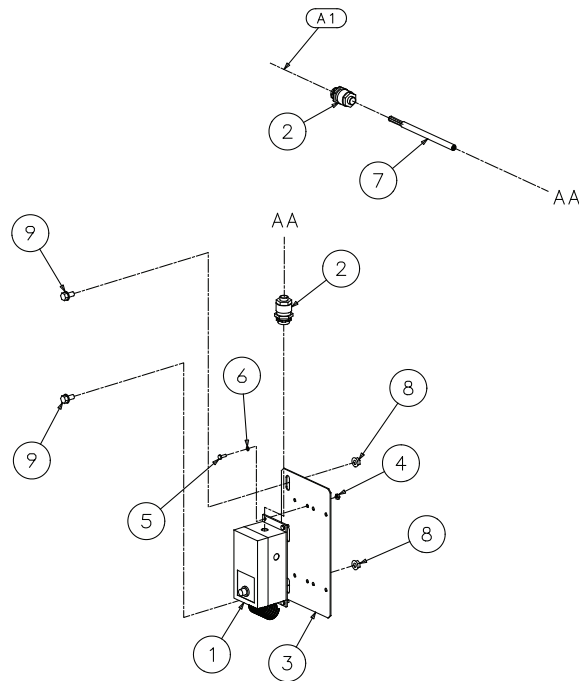
02250175-231-R01

1.38 PNEUMATIC CONTROL 18 SERIES—STAINLESS STEEL LESS SPIRAL VALVE

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250046-101	1	bushing, red brs 1/4 x 1/8	
2	02250071-362	2	locknut, n4 conduit sealing	
3	02250155-714	2	valve, solenoid 3wno 1/4 250# 24vdc	
4	02250172-320	1	valve, check 3/8" nptf	
5	02250172-323	1	orifice, .140" 3/8 fnpt x 3/8 mnpt	
6	02250173-972	1	filter, pneumatic 1/8" npt 5micr	
7	249608-014	1	hose, med press 0.50 x 017"	
8	250017-280	1	valve, pressure regulator	
9	250018-430	1	elbow, 90 1/4t pls x 1/4 npt m	
10	250018-760	1	nipple, hx tbe 316s cajon 1/4"	
11	250139-016	2	connector, tube-m 1/4 swgk 316s	
12	250139-017	1	connector, tube-m 3/8 swgk 316s	
13	250139-044	1	connector, tube-f 1/4 swgk 316s	
14	250211-005	5	elbow, tube-m 1/4" swgk 316ss	
15	250211-006	1	elbow, tube-m 3/8" swglock ss	
16	250591-002	1	tee, tube-m branch 1/4 swg ss	
17	407403	16	tape, heat self-lim 120v-ft	
18	408893	1	valve, shuttle 1/4" npt (dbl chk)	
19	811504-038	1	adapter, female pipe 1/2 x 3/8	
20	841215-004	16	tubing, stnls stl 1/4 20ga ft	
21	841215-006	1	tubing, stnls stl 3/8 20ga ft	
22	847815-050	2	nipple, chase cond 1/2	
23	860308-038	1	elbow, 37fl 90f 1/2 x 3/8	
24	866900-005	1	plug, pipe 1/8" 3000# stl plt	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
25	869925-025	1	tee, male pipe stainless 1/4	
26	869938-038	1	tee, male pipe stainless 3/8	
A1: PORT 1				
A2: PORT 2				
A3: PORT 3				
A4: HEAT TRACE FOR COLD WEATHER OPTIONS ONLY				
A5: TO BOTTOM INLET CONNECTION				
A6: STRAINER MOUNTED ON TANK ASSY.				
A7: TO TOP INLET CONNECTION				
A8: TO CONNECTION PORT TOP OF UNIT				
A9: BLOWDOWN VALVE MOUNTED ON TANK ASSY.				
A10: FLOW DIRECTION				
A11: TO MINIMUM PRESSURE VALVE				
A12: SYMBOL ON CHECK VALVE SHOULD BE SHOWN IN THIS DIRECTION				
A13: SOLENOID 1				
A14: SOLENOID 4				
A15: REMOVE STANDARD FITTING WHICH COMES MOUNTED ON TANK ASSY. REPLACE WITH STAINLESS STEEL FITTING.				
SERVICE KITS FOR 02250155-714				
02250157-500 KIT, SOL VLV 3WNO 24VDC				
SERVICE KITS FOR 250017-280				
250019-453 KIT, REPAIR PRESS REG VALVE				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.39 HEAT TRACE THERMOSTAT 16/18 SERIES



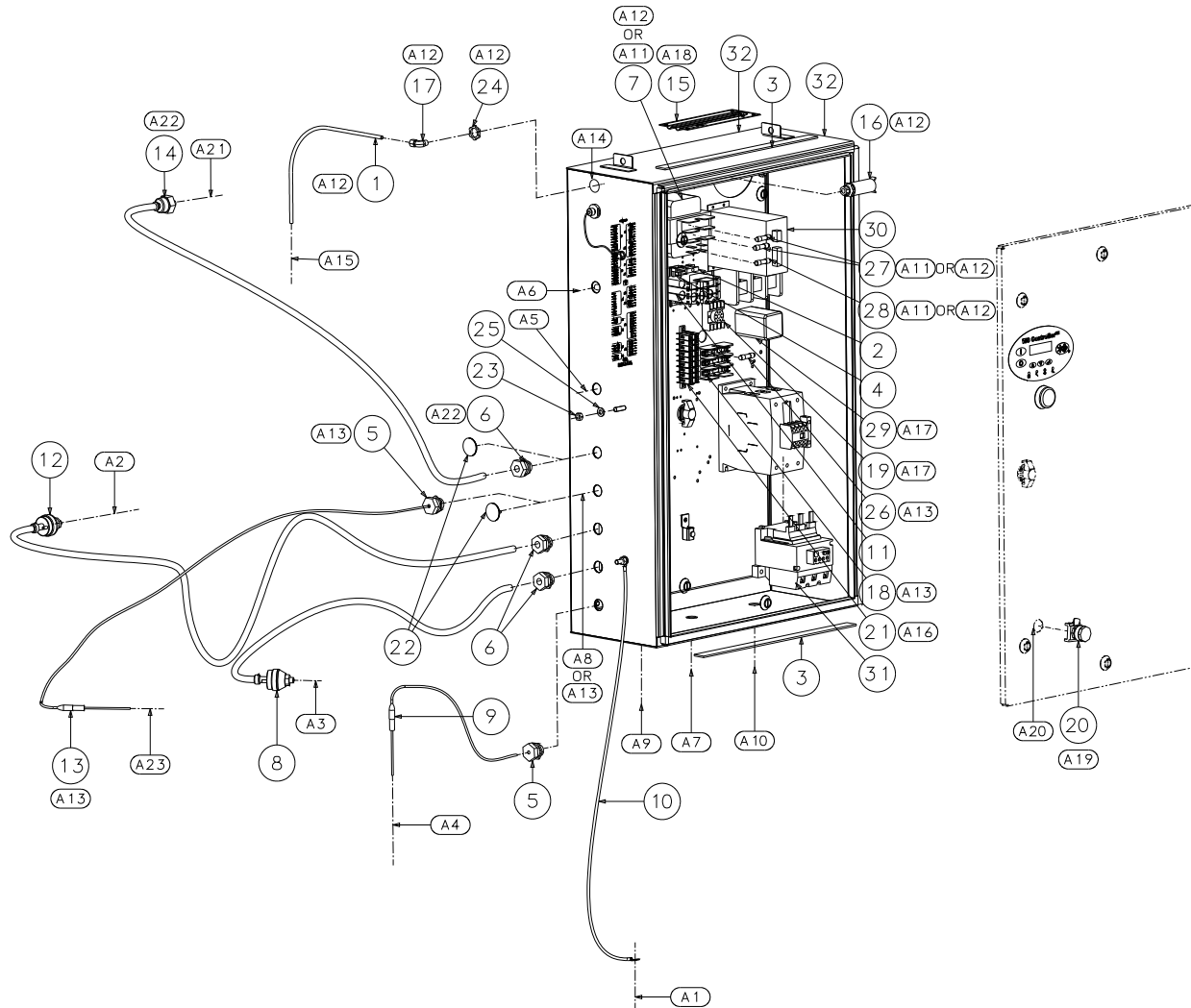
02250169-198-R01

1.39 HEAT TRACE THERMOSTAT 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250062-260	1	switch, temperature 30-110f spdt n4x coild	
2	02250071-250	2	grip, cord n4 .38-.50 x 1/2"	
3	02250164-444	1	support,thermo ht trc 2200/3700	
4	825201-130	4	nut,hex pltd #8-32	
5	835601-050	4	screw, tc-f pan #8-32 x 1/2	
6	837801-040	4	washer, spr lock reg pltd #8	
7	850603-016	6	wire, neoprene #16-3 so (ft)	
8	882508-125	2	nut,serr flng m8 x 1.25	
9	883008-016	2	screw, tf-hex m8 x 16 blk zinc	
A1: TO STARTER BOX				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

ELECTRICAL CONTROL ASSEMBLY MFV 16/18 SERIES

1.40 ELECTRICAL CONTROL ASSEMBLY MFV 16/18 SERIES



02250176-919-R00

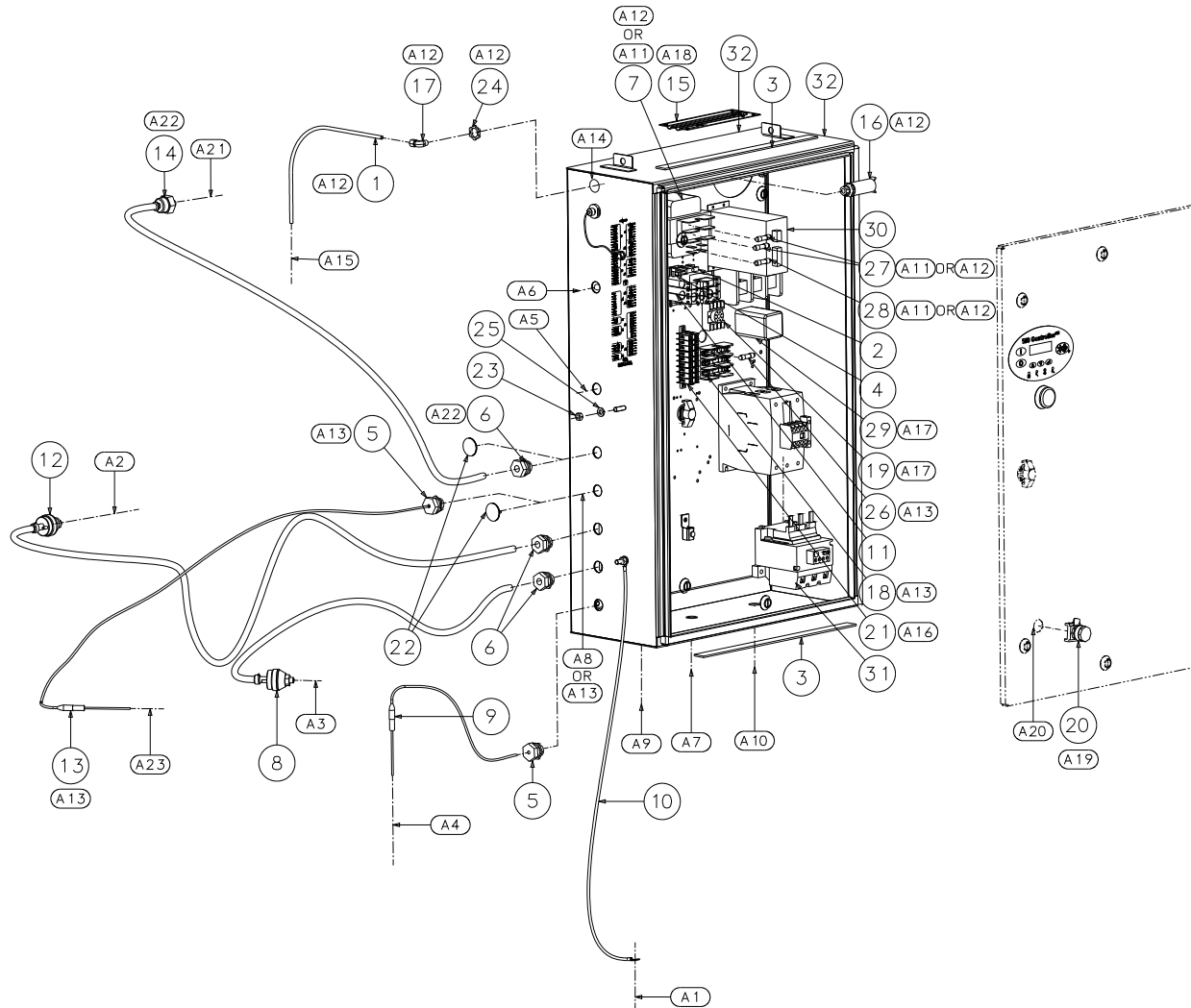
1.40 ELECTRICAL CONTROL ASSEMBLY MFV 16/18 SERIES (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250054-861	1	tube,nyl .25 od x .040w blk (ft)	
2	02250057-245	2	block, term end stop ch	
3	02250058-345	2	strip,weather 1" x 1/8" foam (ft)	
4	02250060-705	1	rail,din 35mm (meters)	
5	02250071-379	2	grip, cord n4 .125-.187 x 1/2"	
6	02250071-381	3	grip, cord n4 .250-.375 x 1/2"	
7	02250083-186	1	transformer, control 150va univ w.pri fh	
8	02250155-174	1	transducer, pressure 0-250# ratiometric	
9	02250155-175	1	probe,rtd 100 ohm plat 3.5"x 6ft	
10	02250157-449	1	wire,10 gage ground bond 33" m8	
11	02250158-377	3	relay,sptd din 10a 24vdc coil	
12	02250172-873	1	transducer, pressure 0-250# 12ft cord	
13	02250175-087	1	probe,thermister 3000 ohm ntc 12'l	
14	02250176-101	1	transducer, pressure 0-50 psi	
15	249008	1	heater, enclosure 50w	
16	250017-992	1	switch, pressure n.o. 10 psi	
17	250018-429	1	elbow, 90 1/4t pls x 1/8 npt m	
18	250019-773	1	holder, fuse ktk-r 3 pole	
19	250034-430	1	socket, 8pin 480v	
20	250034-627	1	button, push non-illum blk n4x	
21	250041-102	3	block,terminal kt3	
22	409918-002	2	plug, hole n4 1/2" cond	
23	825908-125	6	nut,hex metric m8 x 1.25	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	847200-050	1	locknut, conduit 1/2	
25	883208-166	6	washer, nord-lock pl m8 sp	
26	FUSE,DRYER	3	various	
27	FUSE,PRI	2	various	
28	FUSE,SEC	1	various	
29	PHASE	1	r various	
30	POWER	1	ply various	
31	RELAY,OVL	1	various	
32	STARTER	1	y various	
Continued on page 87				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

ELECTRICAL CONTROL ASSEMBLY MFV 16/18 SERIES

1.40 ELECTRICAL CONTROL ASSEMBLY MFV 16/18 SERIES (CONTINUED)



02250176-919-R00

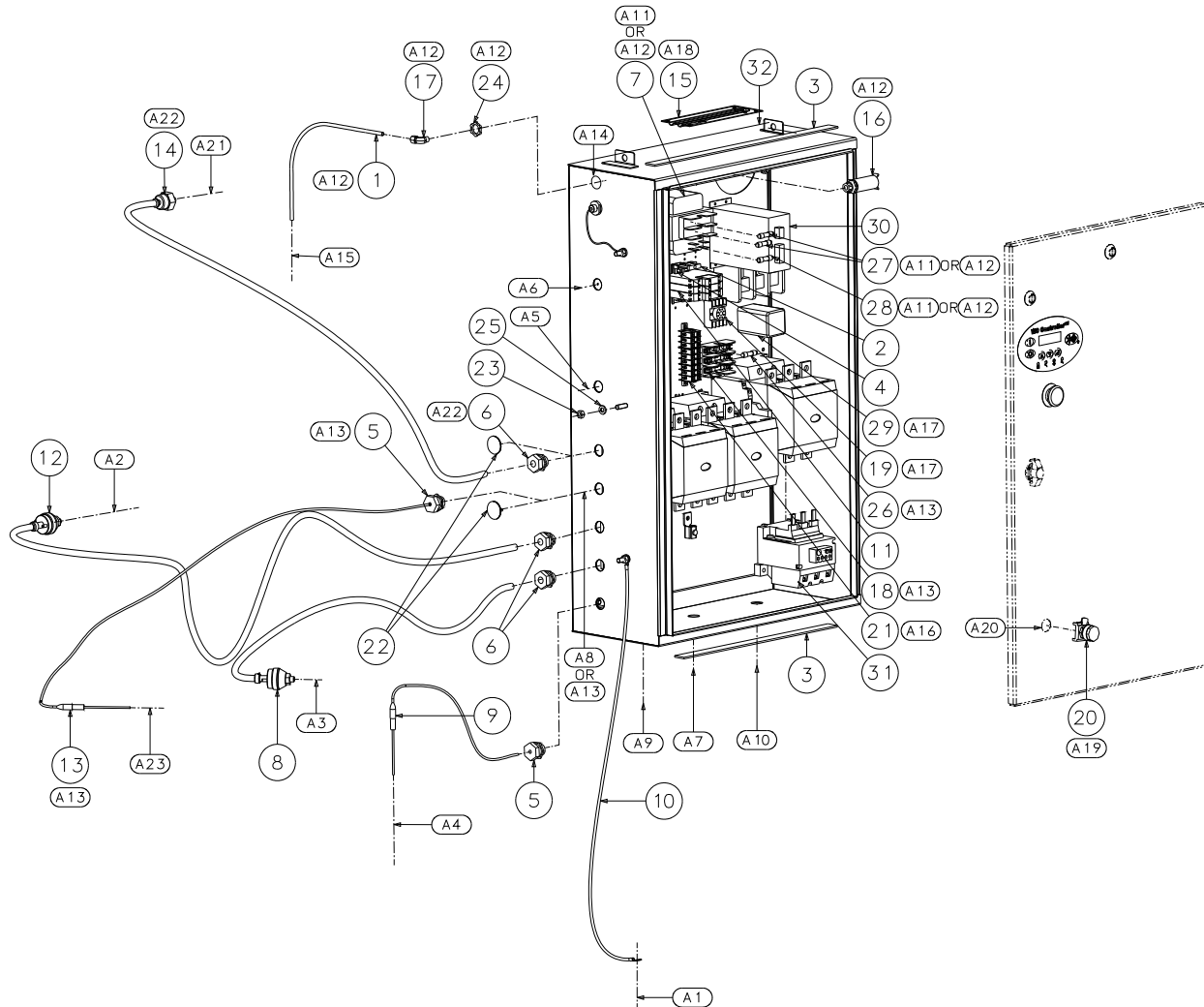
1.40 ELECTRICAL CONTROL ASSEMBLY MFV 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
			A1: TO FRAME	
			A2: P2-PACKAGE DISCHARGE PRESSURE	
			A3: P1-TO SUMP TANK WET SUMP PRESSURE	
			A4: T1-TO SUMP TANK WET DISCHARGE TEMPERATURE	
			A5: SOLENOID 1	
			A6: SOLENOID 4	
			A7: SOLENOID 5-ELECTRIC DRAIN	
			A8: SOLENOID 6- WATER SHUTOFF VALVE(WC ONLY)	
			A9: FAN MOTOR CONNECTION (AC ONLY)	
			A10: MOTOR WIRING	
			A11: SCD DRAIN OPTION	
			A12: WATER COOLED MACHINES ONLY	
			A13: DRYER OPTION ONLY	
			A14: HOLE TO BE DRILLED IN BOX FOR WC MACHINES	
			A15: PSW2-LOW WATER PRESSURE (WC ONLY)	
			A16: HEATER OPTIONS ONLY	
			A17: PHASE MONITOR OPTIONS ONLY	
			A18: ENCLOSURE HEATER MOUNTED INSIDE OF STARTER BOX	
			A19: CSA OPTION	
			A20: HOLE TO BE DRILLED IN BOX FOR CSA OPTION	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
			A21: P3-SPIRAL VALVE ACTUATION PRESSURE FOR SPIRAL VALVE	
			A22: SPIRAL VALVE OPTION	
			A23: T3-TO INTEGRAL DRYER EVAPORATOR DRYER DEWPOINT TEMPERATURE	
			Q1: SEE ASSY DRAWINGS: 02250169-587 DWG,START ASSY P12/16 MFV TAB	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

ELECTRICAL CONTROL ASSEMBLY WYE-DELTA 16/18 SERIES

1.41 ELECTRICAL CONTROL ASSEMBLY WYE-DELTA 16/18 SERIES



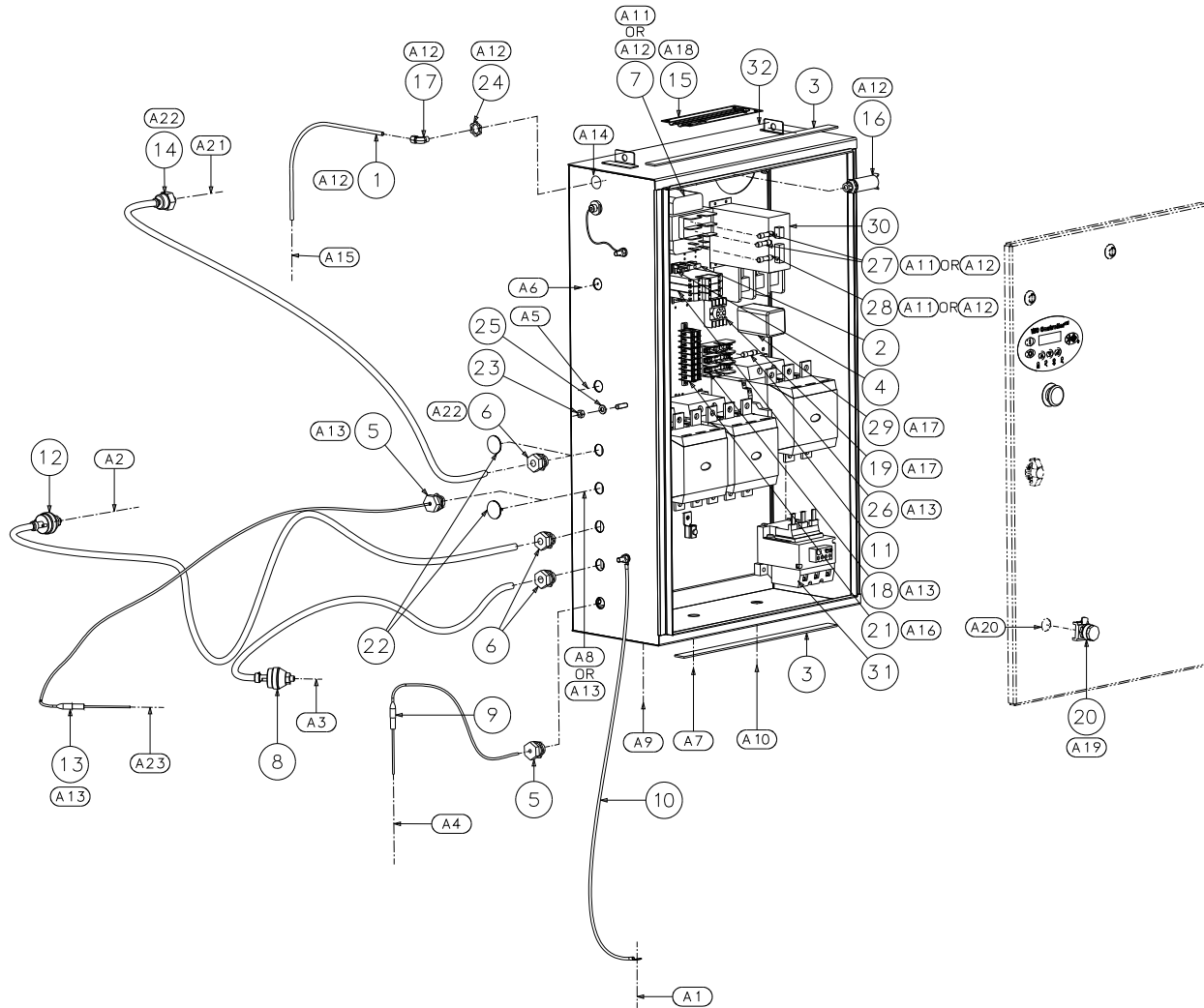
02250176-107-R01

1.41 ELECTRICAL CONTROL ASSEMBLY WYE-DELTA 16/18 SERIES (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250054-861	1	tube,nyl .25 od x .040w blk (ft)	
2	02250057-245	2	block, term end stop ch	
3	02250058-345	2	strip,weather 1" x 1/8" foam (ft)	
4	02250060-705	1	rail,din 35mm (meters)	
5	02250071-379	2	grip, cord n4 .125-.187 x 1/2"	
6	02250071-381	3	grip, cord n4 .250-.375 x 1/2"	
7	02250083-186	1	transformer, control 150va univ w.pri fh	
8	02250155-174	1	transducer, pressure 0-250# ratiometric	
9	02250155-175	1	probe,rtd 100 ohm plat 3.5"x 6ft	
10	02250157-449	1	wire,10 gage ground bond 33" m8	
11	02250158-377	3	relay,sptd din 10a 24vdc coil	
12	02250172-873	1	transducer, pressure 0-250# 12ft cord	
13	02250175-087	1	probe,thermister 3000 ohm ntc 12'l	
14	02250176-101	1	transducer, pressure 0-50 psi	
15	249008	1	heater, enclosure 50w	
16	250017-992	1	switch, pressure n.o. 10 psi	
17	250018-429	1	elbow, 90 1/4t pls x 1/8 npt m	
18	250019-773	1	holder, fuse ktk-r 3 pole	
19	250034-430	1	socket, 8pin 480v	
20	250034-627	1	button, push non-illum blk n4x	
21	250041-102	3	block,terminal kt3	
22	409918-002	2	plug, hole n4 1/2" cond	
23	825908-125	6	nut,hex metric m8 x 1.25	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	847200-050	1	locknut, conduit 1/2	
25	883208-166	6	washer, nord-lock pl m8 sp	
26	FUSE,DRYER	3	various	
27	FUSE,PRI	2	various	
28	FUSE,SEC	1	various	
29	PHASE	1	r various	
30	POWER	1	ply various	
31	RELAY,OVL	1	various	
32	STARTER	1	y various	
Continued on page 91				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.41 ELECTRICAL CONTROL ASSEMBLY WYE-DELTA 16/18 SERIES (CONTINUED)



02250176-107-R01

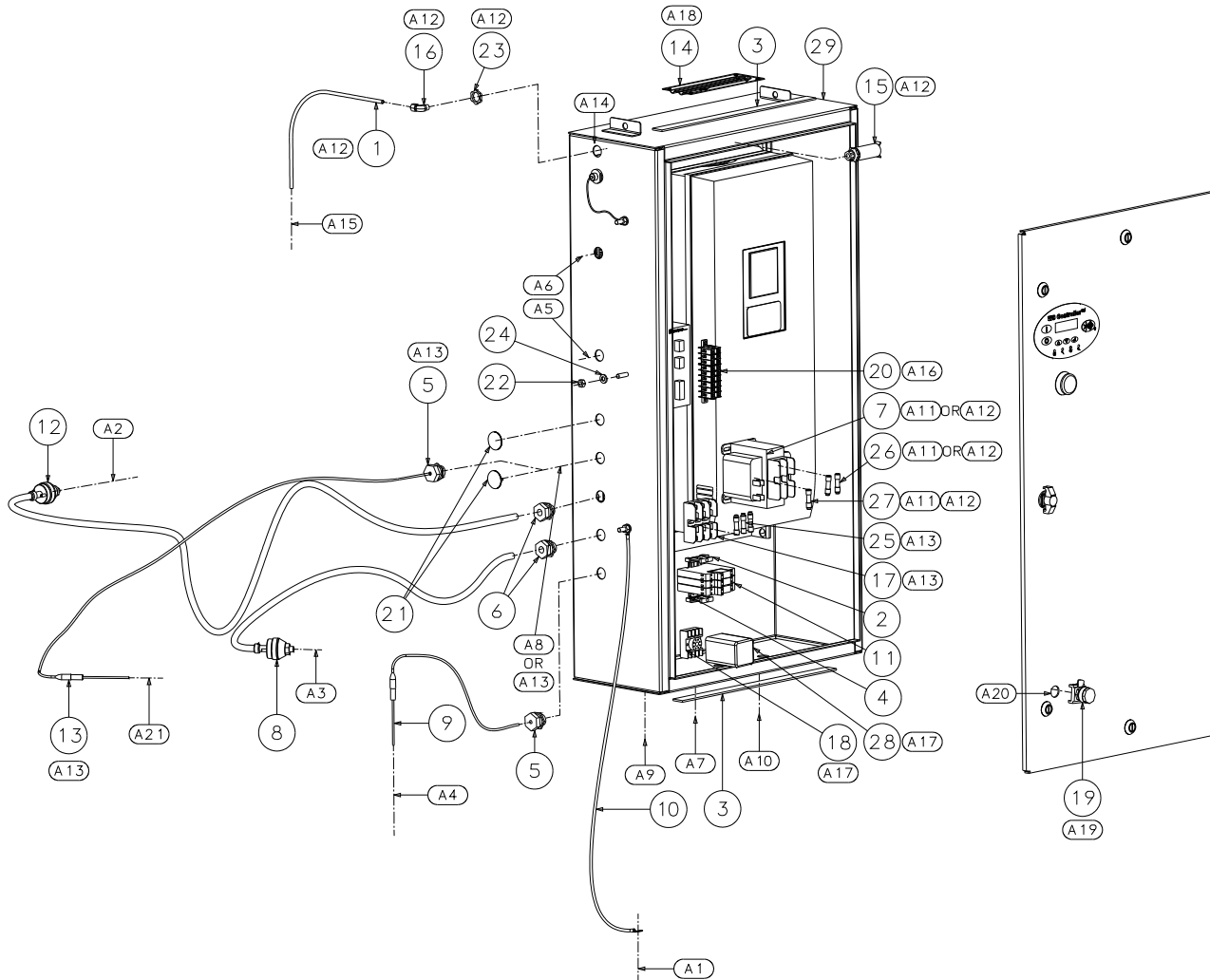
1.41 ELECTRICAL CONTROL ASSEMBLY WYE-DELTA 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A1:			TO FRAME	
A2:			P2-PACKAGE DISCHARGE PRESSURE	
A3:			P1-TO SUMP TANK WET SUMP PRESSURE	
A4:			T1-TO SUMP TANK WET DISCHARGE TEMPERATURE	
A5:			SOLENOID 1	
A6:			SOLENOID 4	
A7:			SOLENOID 5-ELECTRIC DRAIN	
A8:			SOLENOID 6- WATER SHUTOFF VALVE (WC ONLY)	
A9:			FAN MOTOR CONNECTION (AC ONLY)	
A10:			MOTOR WIRING	
A11:			SCD DRAIN OPTION	
A12:			WATER COOLED MACHINES ONLY	
A13:			DRYER OPTION ONLY	
A14:			HOLE TO BE DRILLED IN BOX FOR WC MACHINES	
A15:			PSW2-LOW WATER PRESSURE (WC ONLY)	
A16:			HEATER OPTIONS ONLY	
A17:			PHASE MONITOR OPTIONS ONLY	
A18:			ENCLOSURE HEATER MOUNTED INSIDE OF STARTER BOX	
A19:			CSA OPTION	
A20:			HOLE TO BE DRILLED IN BOX FOR CSA OPTION	
A21:			P3-TO SPIRAL VALVE REGULATOR SPIRAL VALVE CONTROL PRESSURE	
A22:			SPIRAL VALVE OPTION ONLY	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A23:			T3-TO INTEGRAL DRYER EVAPORATOR DRYER DEWPOINT TEMPERATURE	
Q1:			SEE ASSY DRAWINGS: 02250169-659 DWG,START P12/16 YD N4 TAB	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

ELECTRICAL CONTROL ASSEMBLY VSD 16/18 SERIES

1.42 ELECTRICAL CONTROL ASSEMBLY VSD 16/18 SERIES



02250176-920-R00

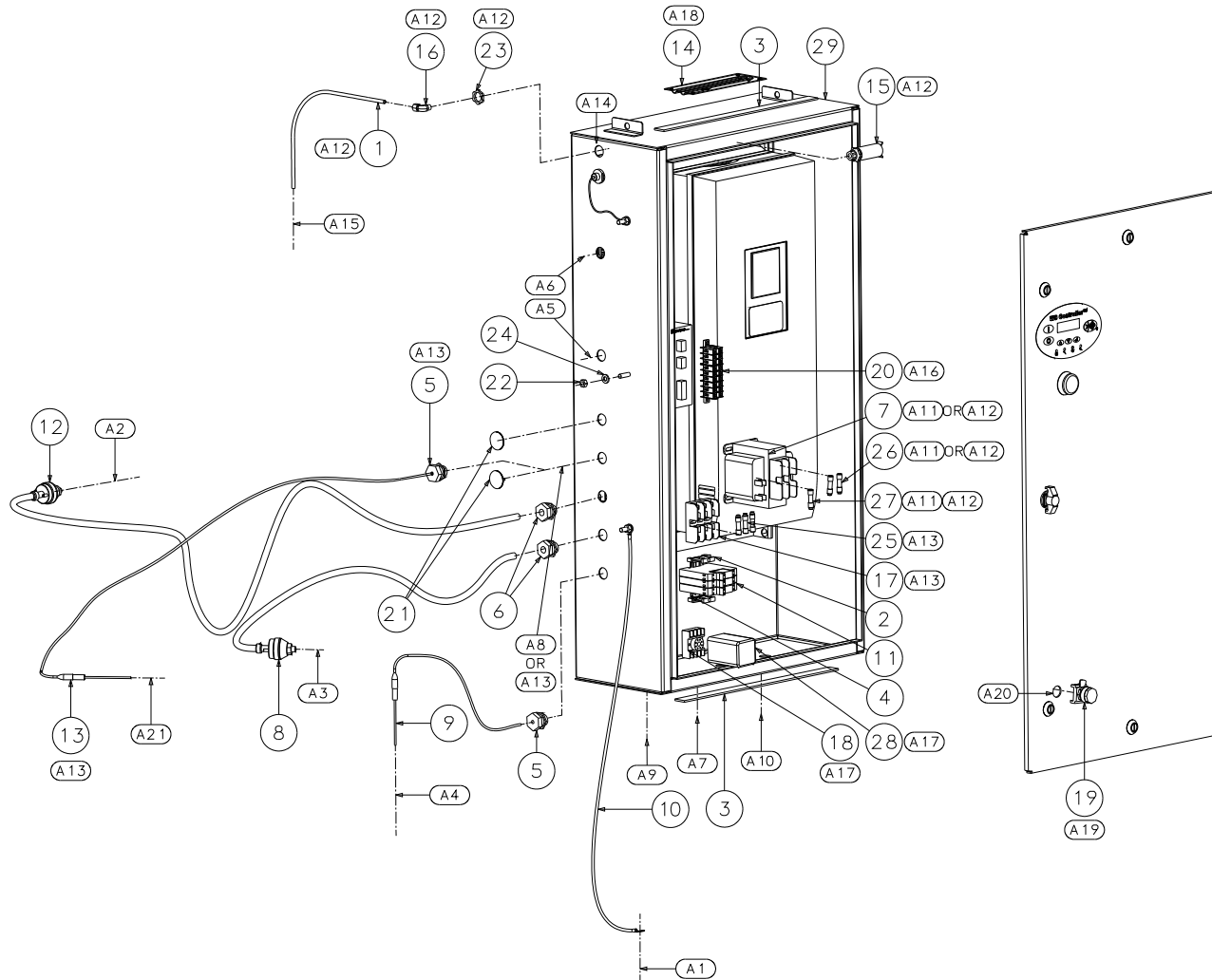
1.42 ELECTRICAL CONTROL ASSEMBLY VSD 16/18 SERIES (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250054-861	1	tube,nyl .25 od x .040w blk (ft)	
2	02250057-245	2	block, term end stop ch	
3	02250058-345	2	strip,weather 1" x 1/8" foam (ft)	
4	02250060-705	1	rail,din 35mm (meters)	
5	02250071-379	2	grip, cord n4 .125-.187 x 1/2"	
6	02250071-381	2	grip, cord n4 .250-.375 x 1/2"	
7	02250083-186	1	transformer, control 150va univ w.pri fh	
8	02250155-174	1	transducer, pressure 0-250# ratiometric	
9	02250155-175	1	probe,rtd 100 ohm plat 3.5"x 6ft	
10	02250157-449	1	wire,10 gage ground bond 33" m8	
11	02250158-377	3	relay,sptd din 10a 24vdc coil	
12	02250172-873	1	transducer, pressure 0-250# 12ft cord	
13	02250175-087	1	probe,thermister 3000 ohm ntc 12'1	
14	249008	1	heater, enclosure 50w	
15	250017-992	1	switch, pressure n.o. 10 psi	
16	250018-429	1	elbow, 90 1/4t pls x 1/8 npt m	
17	250019-773	1	holder, fuse ktk-r 3 pole	
18	250034-430	1	socket, 8pin 480v	
19	250034-627	1	button, push non-illum blk n4x	
20	250041-102	3	block,terminal kt3	
21	409918-002	2	plug, hole n4 1/2" cond	
22	825908-125	6	nut,hex metric m8 x 1.25	
23	847200-050	1	locknut, conduit 1/2	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	883208-166	6	washer, nord-lock pl m8 sp	
25	FUSE,DRYER	3	various	
26	FUSE,PRI	2	various	
27	FUSE,SEC	1	various	
28	PHASE	1	r various	
29	STARTER	1	y various	
<i>Continued on page 95</i>				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

ELECTRICAL CONTROL ASSEMBLY VSD 16/18 SERIES

1.43 ELECTRICAL CONTROL ASSEMBLY VSD 16/18 SERIES



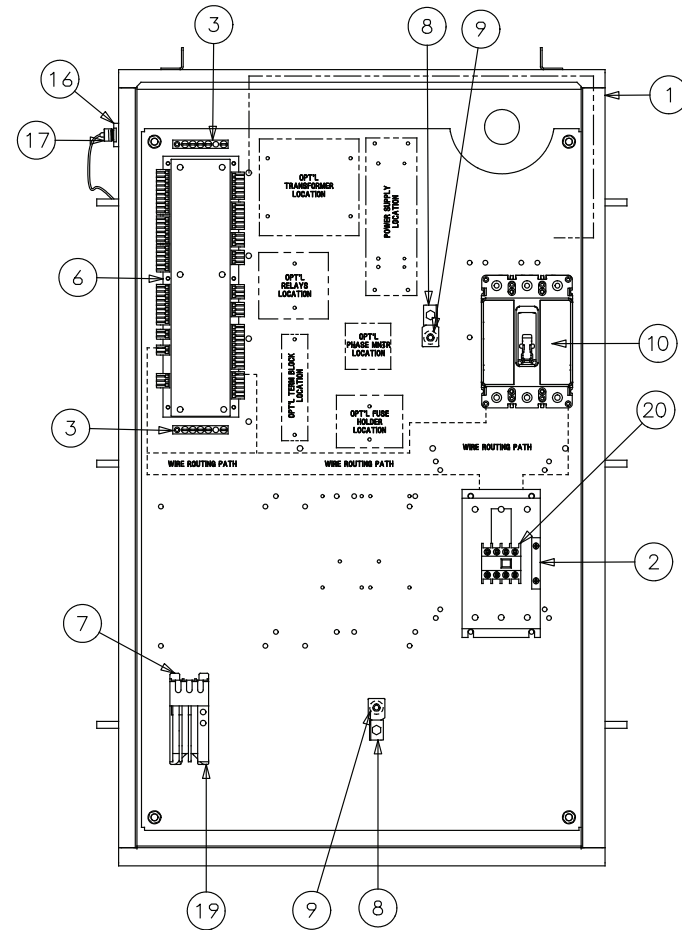
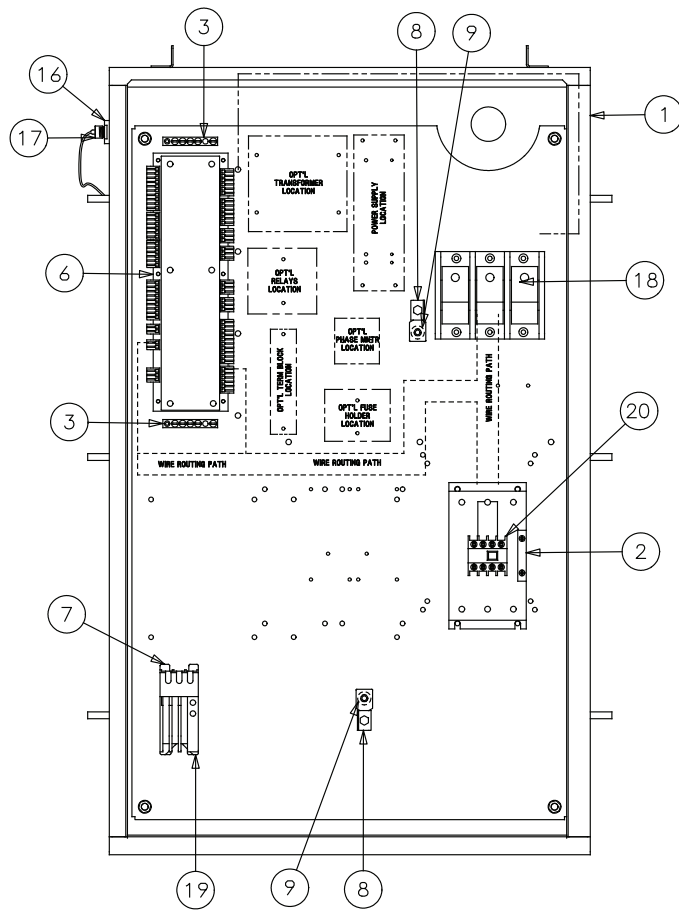
02250176-920-R00

1.43 ELECTRICAL CONTROL ASSEMBLY VSD 16/18 SERIES (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A1:			TO FRAME	
A2:			P2-PACKAGE DISCHARGE PRESSURE	
A3:			P1-TO SUMP TANK WET SUMP PRESSURE	
A4:			T1-TO SUMP TANK WET DISCHARGE TEMPERATURE	
A5:			SOLENOID 1	
A6:			SOLENOID 4	
A7:			SOLENOID 5-ELECTRIC DRAIN	
A8:			SOLENOID 6- WATER SHUTOFF VALVE (WC ONLY)	
A9:			FAN MOTOR CONNECTION (AC ONLY)	
A10:			MOTOR WIRING	
A11:			SCD DRAIN OPTION	
A12:			WATER COOLED MACHINES ONLY	
A13:			DRYER OPTION ONLY	
A14:			HOLE TO BE DRILLED IN BOX FOR WC MACHINES	
A15:			PSW2-LOW WATER PRESSURE (WC ONLY)	
A16:			HEATER OPTIONS ONLY	
A17:			PHASE MONITOR OPTIONS ONLY	
A18:			ENCLOSURE HEATER MOUNTED INSIDE OF STARTER BOX	
A19:			CSA OPTION	
A20:			HOLE TO BE DRILLED IN BOX FOR CSA OPTION	
A21:			T3-TO INTEGRAL DRYER EVAPORATOR DRYER DEWPOINT TEMPERATURE	
Q1:			SEE ASSY DRAWINGS:	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
			02250169-409: DWG,START P16/18 VSD TAB	
			02250169-392: DWG,START P12/16 VSD TAB	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.44 CONTROL STARTER—MFV



02250169-587R04

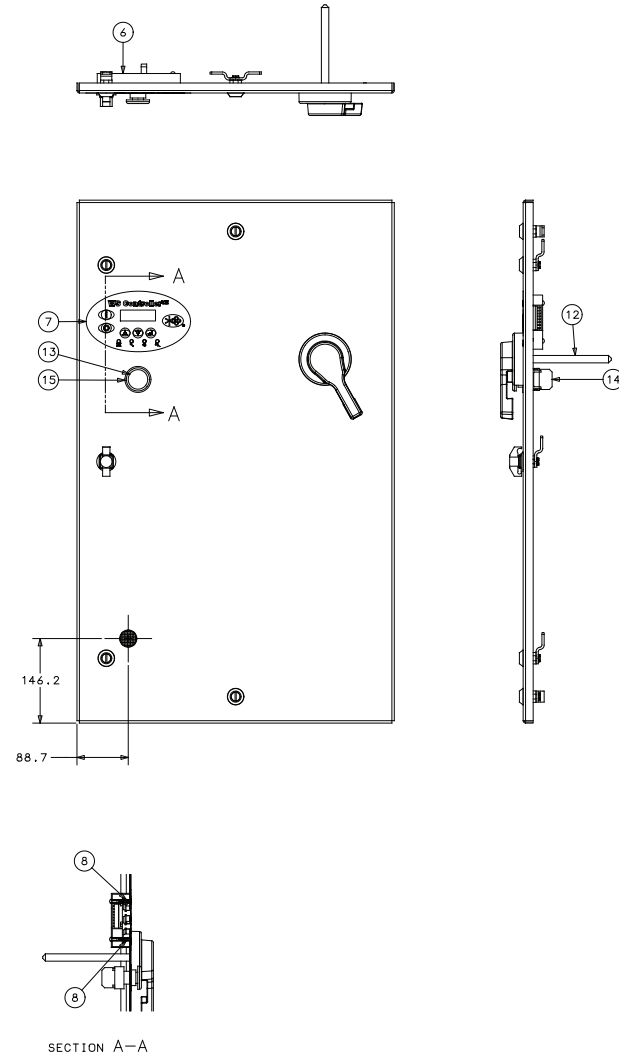
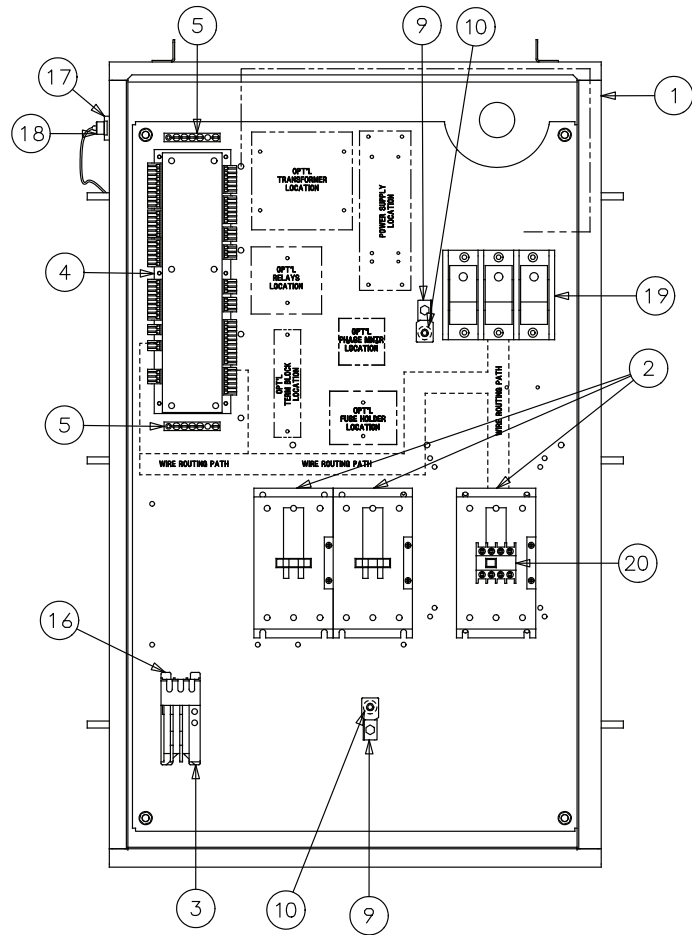
1.44 CONTROL STARTER—MFV

TORQUE VALUES (IN/LBS)			
SULLAIR P/N	DESCRIPTION	LUG	TERMINALS
02250167-818	CNTOR,65A 3P 24VDC 1NO XT	29.2	10.6
02250170-761	CNTOR,80A 3P 24VDC 1NO XT	123.9	10.6
02250167-819	CNTOR,95A 3P 24VDC 1NO XT	123.9	10.6
02250170-760	CNTOR,115A 3P 24VDC 1NO XT	123.9	10.6
02250167-820	CNTOR,150A 3P 24VDC 1NO XT	123.9	10.6
02250167-821	CNTOR,225A 3P 24VDC 2NO-2NC XT	213	10.6
02250167-822	CNTOR,400A 3P 24VDC 2NO-2NC XT	213	10.6

1	1	-	-	-	1	1	1	02250167-849	20	BLK,AUX CONT 1NO 1NC FRONT
1	1	1	-	1	1	1	1	250021-692	19	RELAY,OVERLOAD 32A
-	-	-	1	-	-	-	-	02250145-195	18	BLOCK, POWER DISTRIBUTION 175 AMP
1	1	-	-	1	1	1	1	02250145-194	18	BLOCK, POWER DISTRIBUTION 310 AMP
1	1	1	1	1	1	1	1	02250159-549	17	CAP,S4 PROGRAM PORT NEMA 6P
1	1	1	1	1	1	1	1	02250159-547	16	RCPT,S4 PROGRAM PORT NEMA 6P
1	1	1	1	1	1	1	1	02250081-473	15	NPL,YELLOW RING 45MM E-STOP
1	1	1	1	1	1	1	1	250027-125	14	BLOCK, CONTACT 1 N.C
1	1	1	1	1	1	1	1	02250085-504	13	SW,PB OPER RED40MM PUSH-TWIST
1	1	1	1	1	1	1	1	02250154-359	12	DECAL,MICROPROCESSOR OVERLAY
-	-	1	-	-	-	-	-	250014-127	11	KIT, CIR BRKR DISCONNECT N4
-	-	1	-	-	-	-	-	250014-827	10	CB, 100A HMCP
2	2	2	1	2	2	2	2	-	9	WASHER,LOCK EXTERNAL TOOTH 5/16"
2	2	2	1	2	2	2	2	-	8	LUG, GROUND
1	1	1	-	1	1	1	1	250021-694	7	ADAPTER,O.L.R. BASE MNT
1	1	1	1	1	1	1	1	02250154-052	6	CTL,I/O MOD WS 24VDC
4	4	4	4	4	4	4	4	02250161-759	5	SPCR,.25DIA X .41 LONG - ALUM
1	1	1	1	1	1	1	1	02250154-051	4	CTL,DISPLAY WS
2	2	2	2	2	2	2	2	02250101-721	3	BAR, GROUND 5 POST
-	-	-	-	1	-	-	-	02250167-822	2	CNTOR,400A 3P 24VDC XT
-	-	-	-	-	1	-	-	02250167-821	2	CNTOR,225A 3P 24VDC XT
-	-	-	-	-	-	1	-	02250167-820	2	CNTOR,150A 3P 24VDC XT
-	1	-	-	-	-	-	-	02250170-760	2	CNTOR,115A 3P 24VDC XT
-	-	1	-	-	-	-	1	02250167-819	2	CNTOR,95A 3P 24VDC XT
1	-	-	-	-	-	-	-	02250170-761	2	CNTOR,80A 3P 24VDC XT
-	-	-	-	-	-	-	1	02250167-818	2	CNTOR,65A 3P 24VDC XT
1	1	1	1	1	1	1	1	02250169-621	1	SPEC, ENCL P12/16 22" X 36" X 10"
QTY								SULLAIR P/N	ITEM	DESCRIPTION

CONTROL STARTER—WYE-DELTA

1.45 CONTROL STARTER—WYE-DELTA



02250169-659R05



1.45 CONTROL STARTER—WYE-DELTA

TORQUE VALUES (IN/LBS)						
SULLAIR P/N	DESCRIPTION				LUG	TERMINALS
02250 167-817	CNTOR,32A	3P	24VAC	1NO XT	26.6	10.6
02250 167-818	CNTOR,65A	3P	24VAC	1NO XT	29.2	10.6
02250 167-819	CNTOR,95A	3P	24VAC	1NO XT	123.9	10.6
02250 167-820	CNTOR,150A	3P	24VAC	1NO XT	123.9	10.6
02250 167-821	CNTOR,225A	3P	24VAC	1NO XT	213	10.6

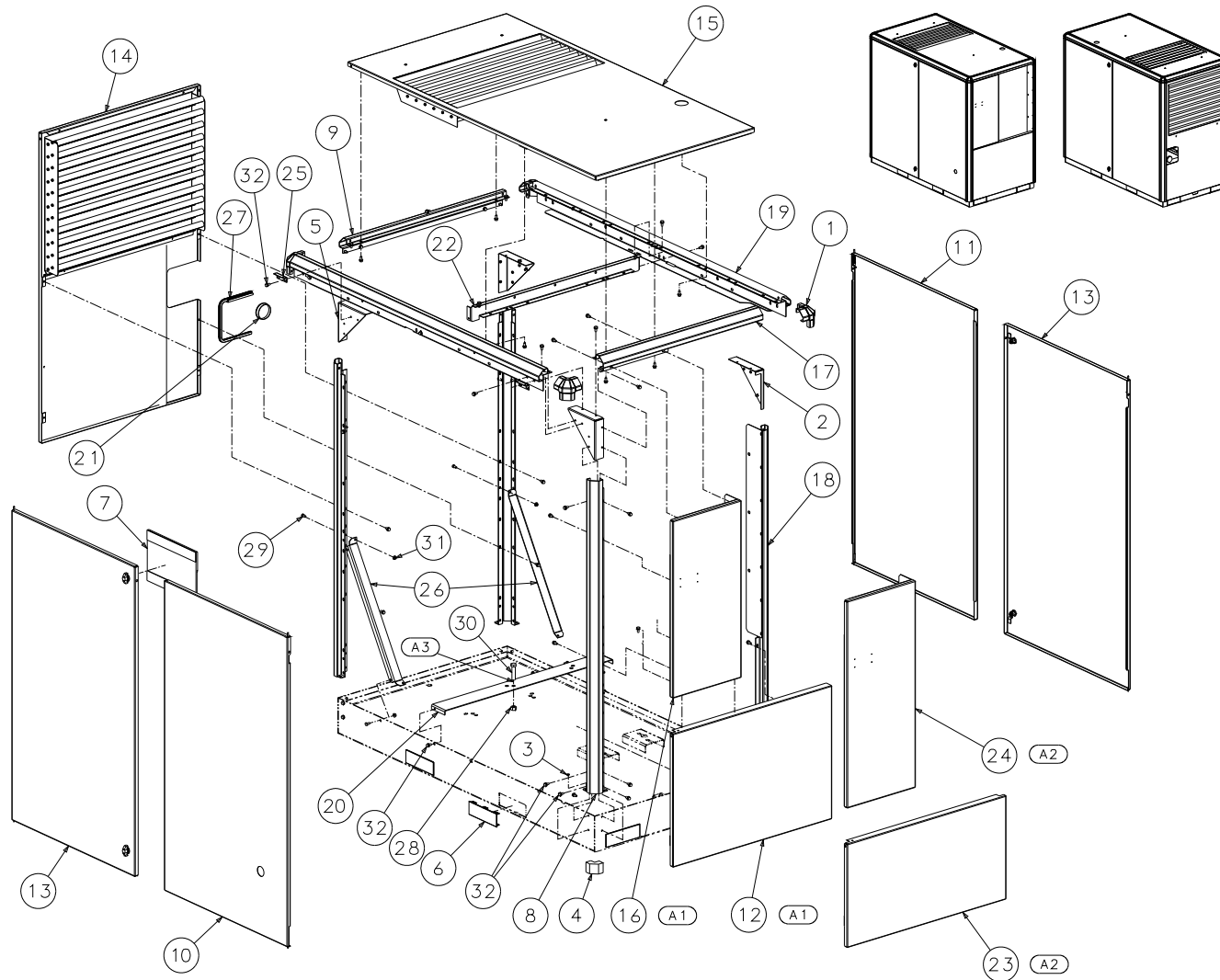
3	-	3	3	3	-	02250 167-849	20	BLK,AUX CONT 1NO 1NC FRONT
-	-	-	-	-	3	02250 167-843	20	BLK,AUX CONT 1NO 1NC FRONT
-	1	1	1	-	-	02250 145-194	19	BLOCK,POWER DISTRIBUTION 310 AMP
-	-	-	-	1	1	02250 145-195	19	BLOCK,POWER DISTRIBUTION 175 AMP
1	1	1	1	1	1	02250 159-549	18	CAP,S4 PROGRAM PORT NEMA 6P
1	1	1	1	1	1	02250 159-547	17	RCPT,S4 PROGRAM PORT NEMA 6P
1	1	1	1	1	1	2500 21-694	16	ADAPTER,O.L.R. BASE MNT
1	1	1	1	1	1	02250 81-473	15	NPL,YELLOW RING 45MM E-STOP
1	1	1	1	1	1	2500 27-125	14	BLOCK, CONTACT 1 N.C
1	1	1	1	1	1	02250 85-504	13	SW,PB OPER RED40MM PUSH-TWIST
1	-	-	-	-	-	2500 14-127	12	KIT, CIR BKR DISCONNECT N4
1	-	-	-	-	-	2500 14-827	11	CB, 100A HMCP
2	2	2	2	2	2	-	10	WASHER,LOCK EXTERNAL TOOTH 5/16"
2	2	2	2	2	2	-	9	LUG, GROUND
4	4	4	4	4	4	02250 161-759	8	SPACER,6.35 DIA X 10.4 LONG ALUM
1	1	1	1	1	1	02250 154-359	7	DECAL,MICROPROCESSOR OVERLAY
1	1	1	1	1	1	02250 154-051	6	CTL,DISPLAY WS
2	2	2	2	2	2	02250 101-721	5	BAR, GROUND 5 POST
1	1	1	1	1	1	02250 154-052	4	CTL,I/O MOD WS 24VDC
1	1	1	1	1	1	2500 21-692	3	RELAY,OVERLOAD 32A
-	3	-	-	-	-	02250 167-821	2	CNTOR,225A 3P 24VDC XT
-	-	3	-	-	-	02250 167-820	2	CNTOR,150A 3P 24VDC XT
-	-	-	3	-	-	02250 167-819	2	CNTOR,95A 3P 24VDC XT
3	-	-	-	3	-	02250 167-818	2	CNTOR,65A 3P 24VDC XT
-	-	-	-	-	3	02250 167-817	2	CNTOR,32A 3P 24VDC XT
1	1	1	1	1	1	02250 169-621	1	SPEC, ENCL P12/16 22" X 36" X 10"
	QTY		SULLAIR P/N		ITEM		DESCRIPTION	

1.46 CONTROL STARTER—VSD N12

TORQUE VALUES (IN/LBS)		
SULLAIR P/N	DESCRIPTION	LUG
02250165-108	DRIVE, VFD C-H 575V 100A NEMA12	340-187
02250157-716	DRIVE, VFD C-H 380/460V 61A NEMA12	35
02250157-717	DRIVE, VFD C-H 380/460V 72A NEMA12	85
02250157-718	DRIVE, VFD C-H 380/460V 87A NEMA12	85
02250157-719	DRIVE, VFD C-H 380/460V 105A NEMA12	85
02250157-725	DRIVE, VFD C-H 575V 52A NEMA12	85
02250157-726	DRIVE, VFD C-H 575V 62A NEMA12	340-187
02250157-727	DRIVE, VFD C-H 575V 80A NEMA12	340-187

1	1	1	-	-	-	-	-	-	-	-	-	20	KIT,VSD MOUNTING FLANGE FRAME 8
-	-	-	1	1	1	1	1	-	-	-	-	20	KIT,VSD MOUNTING FLANGE FRAME 7
-	-	-	-	-	-	-	-	1	-	-	-	20	KIT,VSD MOUNTING FLANGE FRAME 6
-	-	-	-	-	-	-	-	1	02250168-819	19	PLATE,FILLER FOR VSD FRAME 6		
-	-	-	1	1	1	1	1	-	02250168-820	18	PLATE,FILLER FOR VSD FRAME 7		
-	-	-	1	1	1	1	1	02250122-036	17	SPLY,PWR 360-480AC/24VDC CH-IT			
1	1	1	1	-	-	-	-	02250155-754	17	SPLY,PWR 575VAC/24VDC CH-IT			
4	4	4	4	4	4	4	4	02250161-759	16	SPCR,.25DIA X .41 LONG - ALUM			
1	1	1	1	1	1	1	1	02250159-549	15	CAP,S4 PROGRAM PORT NEMA 6P			
1	1	1	1	1	1	1	1	02250159-547	14	RCPT,S4 PROGRAM PORT NEMA 6P			
-	-	-	1	1	1	1	1	02250145-195	13	BLOCK,POWER DISTR 175A 2/O-#14AWG			
1	1	1	1	1	1	1	1	02250081-473	12	NPL,YELLOW RING 45MM E-STOP			
1	1	1	1	1	1	1	1	250027-125	11	BLOCK, CONTACT 1 N.C			
1	1	1	1	1	1	1	1	02250085-504	10	SW,PB OPER RED40MM PUSH-TWIST			
1	1	1	1	1	1	1	1	250019-773	9	HOLDER,FUSE KTK-R 3 POLE			
1	1	1	1	1	1	1	1	02250154-359	8	DECAL,MICROPROCESSOR OVERLAY			
2	2	2	2	2	2	2	2	-	7	WASHER LOCK EXTERNAL TOOTH 5/16"			
2	2	2	2	2	2	2	2	-	6	LUG, GROUND			
1	1	1	1	1	1	1	1	02250154-051	5	CTL,DISPLAY WS			
1	1	1	1	1	1	1	1	02250170-668	4	BAR, GROUND 9 POST			
1	1	1	1	1	1	1	1	02250154-052	3	CTL,I/O MOD WS 24VDC			
1	-	-	-	-	-	-	-	02250165-108	2	DRIVE, VFD C-H 575V 100A NEMA12			
-	-	-	-	-	-	-	1	02250157-716	2	DRIVE, VFD C-H 380/460V 61A NEMA12			
-	-	-	-	-	-	1	-	02250157-717	2	DRIVE, VFD C-H 380/460V 72A NEMA12			
-	-	-	-	-	1	-	-	02250157-718	2	DRIVE, VFD C-H 380/460V 87A NEMA12			
-	-	-	1	-	-	-	-	02250157-719	2	DRIVE, VFD C-H 380/460V 105A NEMA12			
-	-	1	-	-	-	-	-	02250157-725	2	DRIVE, VFD C-H 575V 52A NEMA12			
-	-	1	-	-	-	-	-	02250157-726	2	DRIVE, VFD C-H 575V 62A NEMA12			
-	1	-	-	-	-	-	-	02250157-727	2	DRIVE, VFD C-H 575V 80A NEMA12			
1	1	1	1	1	1	1	1	02250168-846	1	SPEC, ENCL P8/10 22" X 36" X 10"			
QTY		SULLAIR P/N		ITEM		DESCRIPTION							

1.47 ENCLOSURE—AIR-COOLED 16/18 SERIES



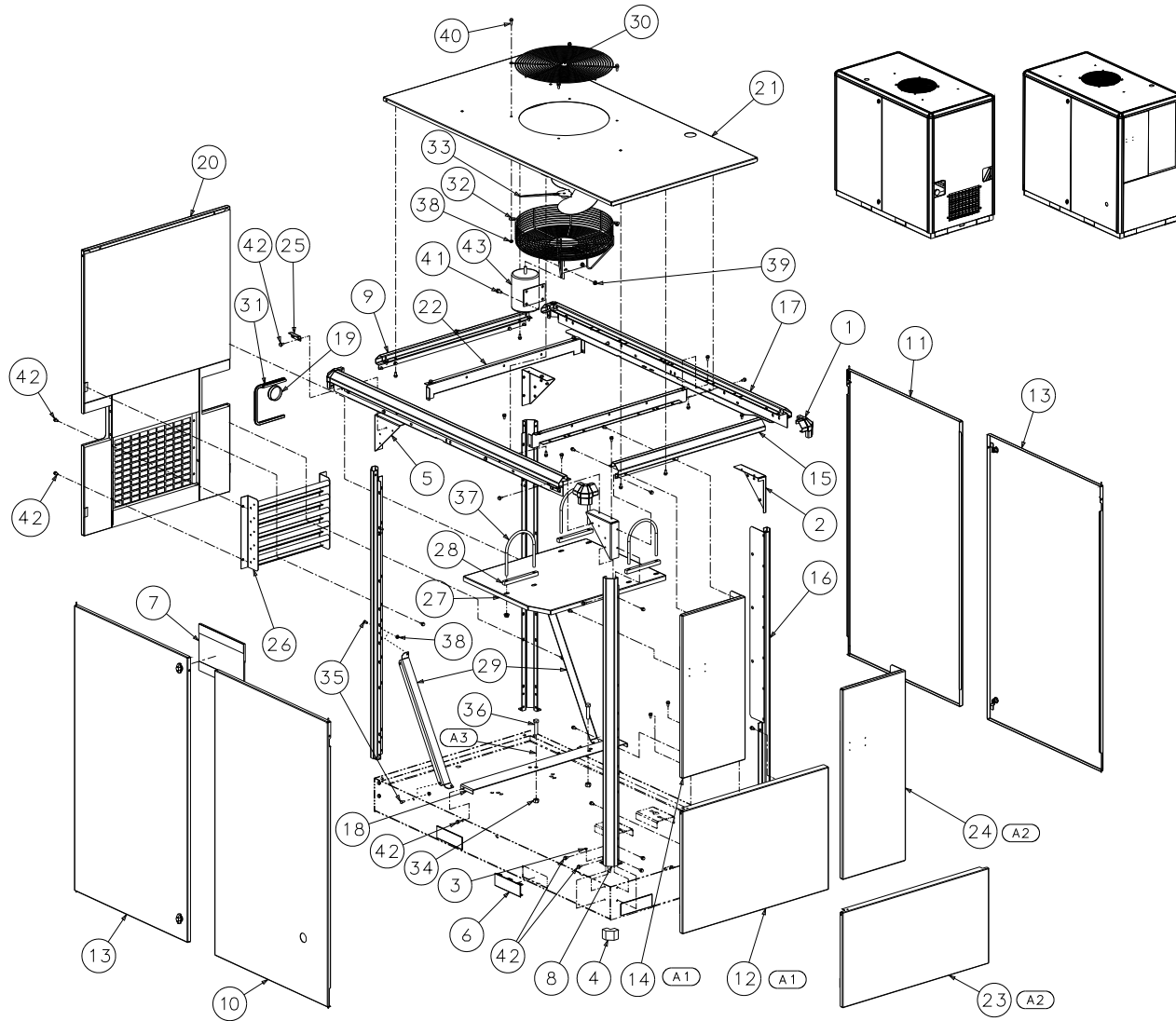
02250161-704R01

1.47 ENCLOSURE—AIR-COOLED 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250150-893	4	cap,molded canopy corner	
2	02250151-177	1	gusset,str cmr square 3700	
3	02250151-635	4	bearing,flanged 5mm 3700	
4	02250152-323	4	insulation,foam 2" corner piece	
5	02250154-298	3	gusset,corner square 3700	
6	02250154-405	8	cover,forkpocket 3700	
7	02250158-039	1	pocket,drawing holder 3700	
8	02250161-571	3	rail,vertical p16/18	
9	02250161-572	1	rail,roof air out end p16/18	
10	02250161-574	1	panel, canopy door flanged w/cutout	
11	02250161-577	1	panel, canopy door flanged p16/18	
12	02250161-580	1	panel,starter end btm p16/18	
13	02250161-583	2	panel, canopy door locking p16/18	
14	02250161-585	1	panel, canopy intake end assy p16/18	
15	02250161-590	1	panel, roof canopy p16/18	
16	02250161-596	1	panel,starter end l/h p16/18	
17	02250161-598	1	rail,roof starter end p16/18	
18	02250161-600	1	rail,vertical starter side p16/18	
19	02250161-601	2	rail, side assy rh/lh p16/18	
20	02250164-917	1	support,shipping mtr/unit p16/18	
21	02250164-919	1	plug, hole 3" nylon black p16	
22	02250168-233	1	support, fan box/wc clrs p16/18	
23	02250168-477	1	panel,btm vsd starter end p16/18	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	02250168-479	1	panel,l/h vsd str end p16/18	
25	02250172-591	4	angle, door supt p16/18 ac/wc	
26	02250175-238	2	support, enclosure brace p16/18	
27	250034-157	2	trim,canopy edge 7.5/10hp	
28	825210-559	2	nut,hex pltd 5/8-11	
29	828008-016	4	capscrew,hex 8.8 m8 x 16mm	
30	829110-275	2	capscrew,hex gr5 5/8-11 x 2 3/4	
31	882508-125	4	nut,serr flng m8 x 1.25	
32	883008-016	69	screw, tf-hex m8 x 16 blk zinc	
A1: PANELS USED ON ALL NON 140-170AMP VSD MACHINES, ALL MVF AND ALL YD.				
A2: PANELS USED ON 140-170AMP VSD MACHINES				
A3: BOLTS ATTACH FRONT MOTOR MOUNTING HOLES TO SHIPPING BRACKET				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.48 ENCLOSURE—WATER-COOLED 16/18 SERIES



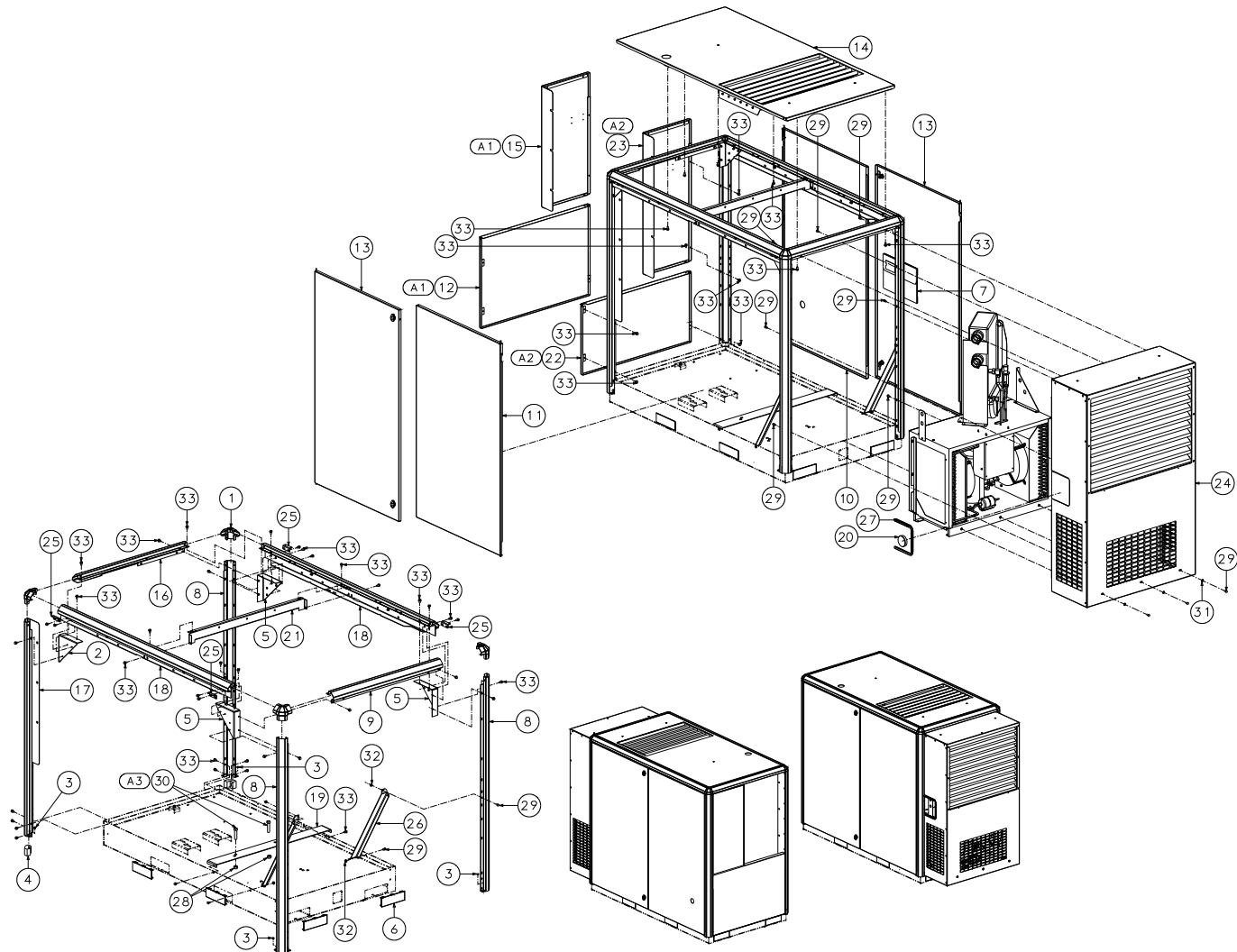
02250167-962R04

1.48 ENCLOSURE—WATER-COOLED 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250150-893	4	cap,molded canopy corner	
2	02250151-177	1	gusset,str cmnr square 3700	
3	02250151-635	4	bearing,flanged 5mm 3700	
4	02250152-323	4	insulation,foam 2" corner piece	
5	02250154-298	3	gusset,corner square 3700	
6	02250154-405	8	cover,forkpocket 3700	
7	02250158-039	1	pocket,drawing holder 3700	
8	02250161-571	3	rail,vertical p16/18	
9	02250161-572	1	rail,roof air out end p16/18	
10	02250161-574	1	panel, canopy door flanged w/cutout	
11	02250161-577	1	panel, canopy door flanged p16/18	
12	02250161-580	1	panel,starter end btm p16/18	
13	02250161-583	2	panel, canopy door locking p16/18	
14	02250161-596	1	panel,starter end l/h p16/18	
15	02250161-598	1	rail,roof starter end p16/18	
16	02250161-600	1	rail,vertical starter side p16/18	
17	02250161-601	2	rail, side assy rh/lh p16/18	
18	02250164-917	1	support,shipping mtr/unit p16/18	
19	02250164-919	1	plug, hole 3" nylon black p16	
20	02250168-051	1	panel, canopy assy intake end p16/18 wc	
21	02250168-052	1	panel, roof canopy p16/18 wc	
22	02250168-233	2	support, fan box/wc clrs p16/18	
23	02250168-477	1	panel,btm vsd starter end p16/18	
24	02250168-479	1	panel,l/h vsd str end p16/18	
25	02250172-591	4	angle, door supt p16/18 ac/wc	
26	02250173-378	1	angle,baffle assy p16/18 wc int	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
27	02250173-475	1	baffle, cooler assy p16/18 wc	
28	02250173-516	3	block,spacer ubolt p16/18 wc	
29	02250175-238	2	support, enclosure brace p16/18	
30	241137	1	guard,fan 20" diameter	
31	250034-157	1	trim,canopy edge 7.5/10hp	
32	410179	1	guard, exhaust fan 20"	
33	410358	1	fan, 18" vent 1/2"-bore	
34	825210-559	2	nut,hex pltd 5/8-11	
35	828008-016	4	capscrew,hex 8.8 m8 x 16mm	
36	829110-275	2	capscrew,hex gr5 5/8-11 x 2 3/4	
37	868308-600	3	u-bolt,1/2" x 6" pipe pltd	
38	882508-125	8	nut,serr flng m8 x 1.25	
39	882510-150	4	nut,serr flng m10 x 1.5	
40	882608-025	4	screw, hex serr washer m8 x 25	
41	882610-025	4	screw, hex serr washer m10 x 25	
42	883008-016	76	screw, tf-hex m8 x 16 blk zinc	
43	FAN	1	or various	
A1: PANELS USED ON ALL NON 140-170AMP MACHINES				
A2: PANELS USED ON 140-170AMP VSD MACHINES				
A3: BOLTS ATTACH FRONT MOTOR MOUNTING HOLES TO SHIPPING BRACKET				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.49 ASSY ENCLA 4500/5600/7500 WITH INTEGRAL DRYER 16/18 SERIES



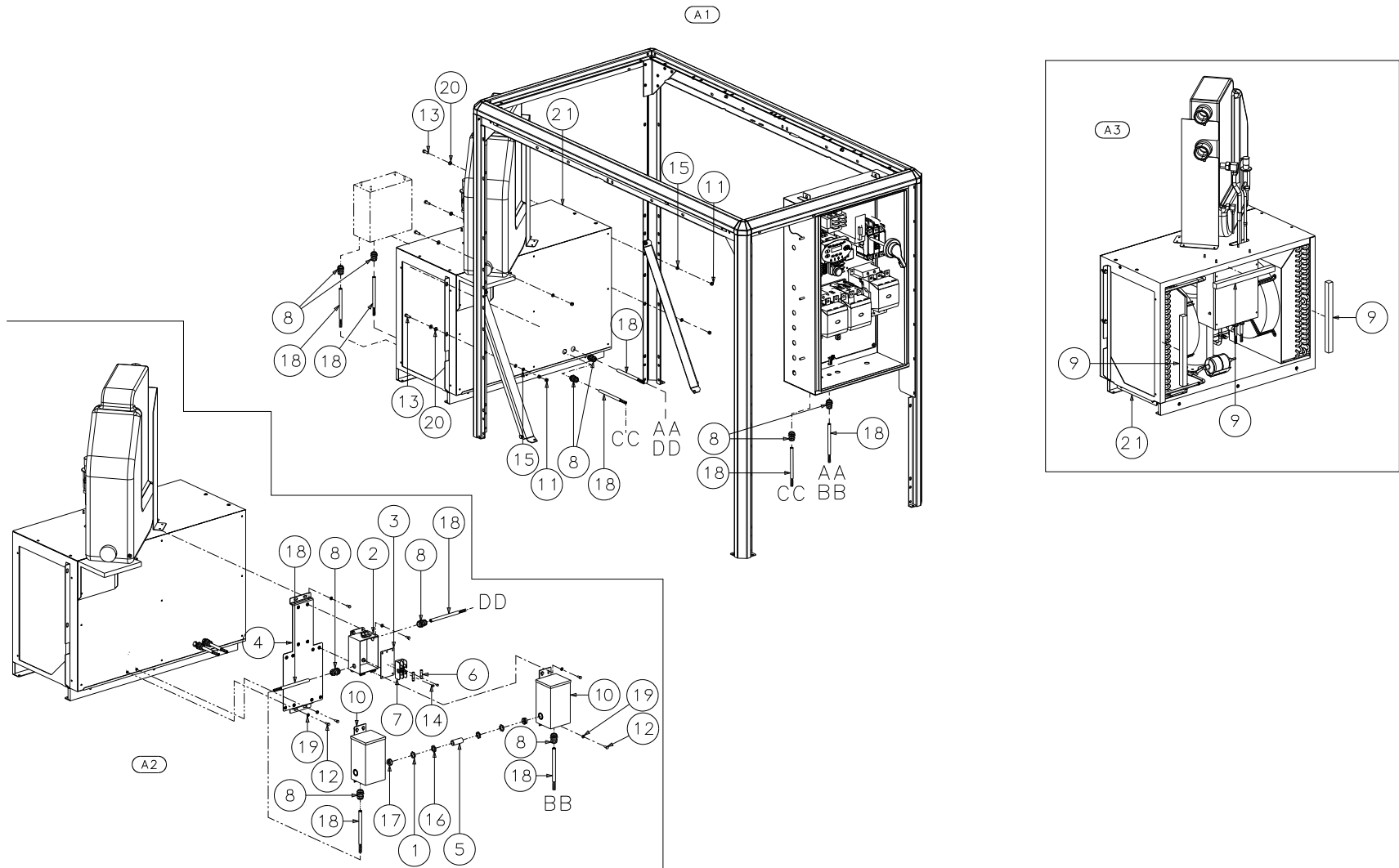
02250172-080-R00

1.49 ASSY ENCLA 4500/5600/7500 WITH INTEGRAL DRYER 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250150-893	4	cap,molded canopy corner	
2	02250151-177	1	gusset,str cmr square 3700	
3	02250151-635	4	bearing,flanged 5mm 3700	
4	02250152-323	4	insulation,foam 2" corner piece	
5	02250154-298	3	gusset,corner square 3700	
6	02250154-405	8	cover,forkpocket 3700	
7	02250158-039	1	pocket,drawing holder 3700	
8	02250161-571	3	rail,vertical p16/18	
9	02250161-572	1	rail,roof air out end p16/18	
10	02250161-574	1	panel, canopy door flanged w/cutout	
11	02250161-577	1	panel, canopy door flanged p16/18	
12	02250161-580	1	panel,starter end btm p16/18	
13	02250161-583	2	panel, canopy door locking p16/18	
14	02250161-590	1	panel, roof canopy p16/18	
15	02250161-596	1	panel,starter end l/h p16/18	
16	02250161-598	1	rail,roof starter end p16/18	
17	02250161-600	1	rail,vertical starter side p16/18	
18	02250161-601	2	rail, side assy rh/lh p16/18	
19	02250164-917	1	support,shipping mtr/unit p16/18	
20	02250164-919	1	plug, hole 3" nylon black p16	
21	02250168-233	1	support, fan box/wc clrs p16/18	
22	02250168-477	1	panel,btm vsd starter end p16/18	
23	02250168-479	1	panel,l/h vsd str end p16/18	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	02250169-958	1	panel, canopy assy 4500 airin w/dryer	
25	02250172-591	4	angle, door supt p16/18 ac/wc	
26	02250175-238	2	support, enclosure brace p16/18	
27	250034-157	2	trim,canopy edge 7.5/10hp	
28	825210-559	2	nut,hex pltd 5/8-11	
29	828008-016	14	capscrew,hex 8.8 m8 x 16mm	
30	829110-275	2	capscrew,hex gr5 5/8-11 x 2 3/4	
31	865408-170	3	washer, metric-iso7089- 8	
32	882508-125	4	nut,serr flng m8 x 1.25	
33	883008-016	63	screw, tf-hex m8 x 16 blk zinc	
A1: PANELS USED ON ALL NON 140-170AMP VSD MACHINES, ALL MVF AND ALL YD.				
A2: PANELS USED ON 140-170AMP VSD MACHINES				
A3: BOLTS ATTACH FRONT MOTOR MOUNTING HOLES TO SHIPPING BRACKET				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.50 DRYER OPTION ASSEMBLY 16/18 SERIES



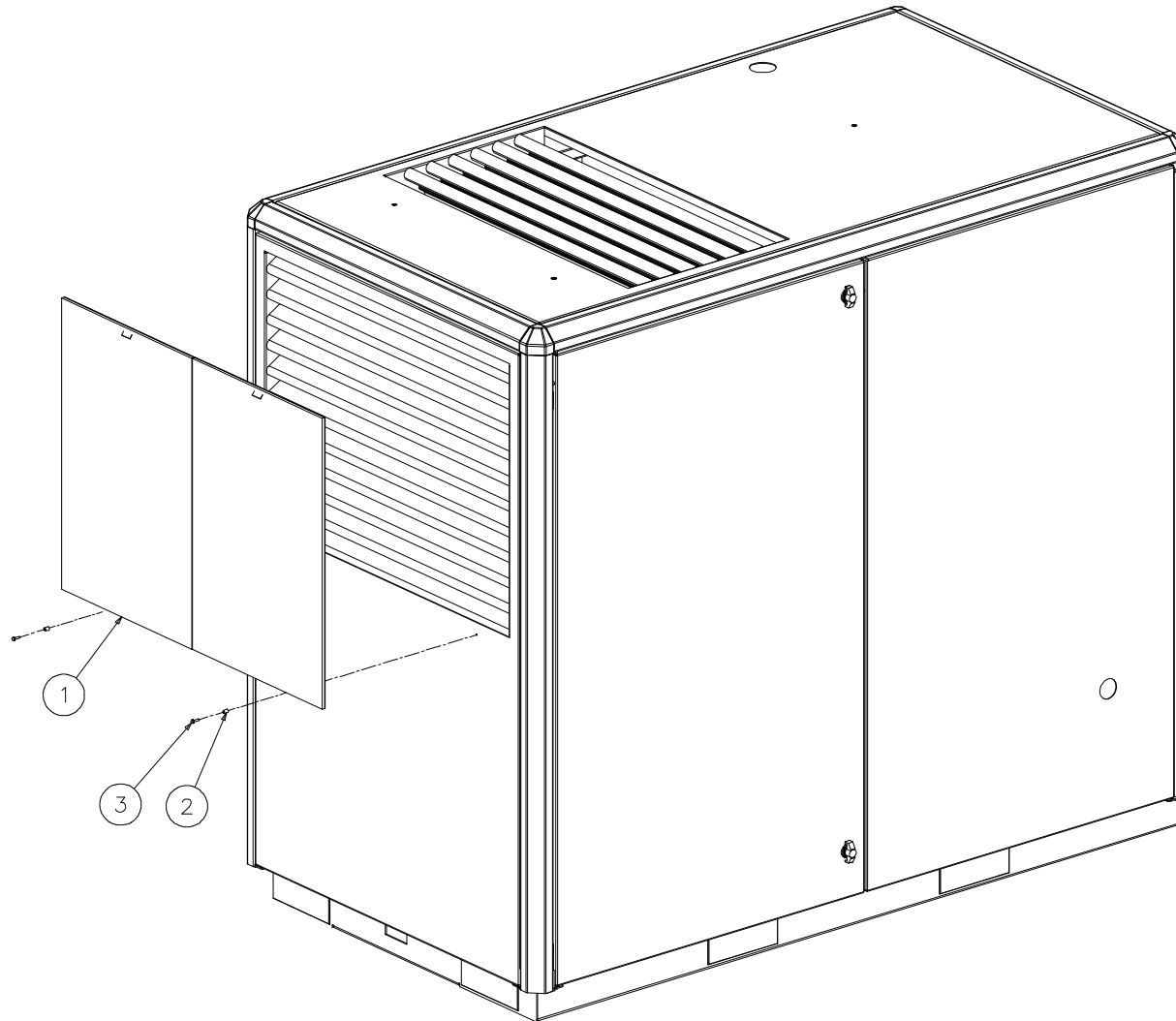
02250175-175-R00

1.50 DRYER OPTION ASSEMBLY 16/18 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250071-362	2	locknut, n4 conduit sealing	
2	02250171-568	1	enclosure, 6" x 4" x 4" n12/13	
3	02250171-569	1	panel, 4.88" x 2.88" sub	
4	02250171-676	1	support, aux. xfrmr 250cfm w/int.dryer	
5	250007-170	1	nipple, conduit 1/2" x 2"	
6	250019-769	2	fuse, limitron ktk-r 20.00	
7	250019-772	1	fuseholder 2p ktk-r	
8	250021-321	10	grip, cord so16/45 str 1/2"	
9	250041-174	7	weatherstrip, 1"thick x 1"wide (ft) -	
10	405887	2	transformer, pwr distribution .50kva 240/480-120/240	
11	825908-125	5	nut, hex metric m8 x 1.25	
12	828006-016	16	capscrew, hex 8.8 m6 x 16mm	
13	828008-025	5	capscrew, hex 8.8 m8 x 25mm	
14	835601-038	2	screw, tc-f pan #8-32 x 3/8	
15	838808-200	5	washer, spr lock-metric pltd m8	
16	847200-050	2	locknut, conduit 1/2	
17	848815-050	2	bushing, conduit plastic 1/2	
18	850604-016	35	wire, neoprene #16-4 (ft)	
19	865406-125	16	washer, metric-iso7089- 6	
20	865408-170	5	washer, metric-iso7089- 8	
21	DRYER	1	various	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
NOTES:				
A1: 460 VOLT OPERATION AA = DRYER COMPRESSOR MOTOR POWER CC = 24 VDC CONTROL POWER				
A2: 575 VOLT OPERATION (USE WITH A1) BB/DD = DRYER COMPRESSOR MOTOR POWER CC = 24 VDC CONTROL POWER				
A3: WEATHERSTRIP ASSEMBLY VIEW				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.51 ASSY CLEAN AIR INLET 16/18 SERIES AC

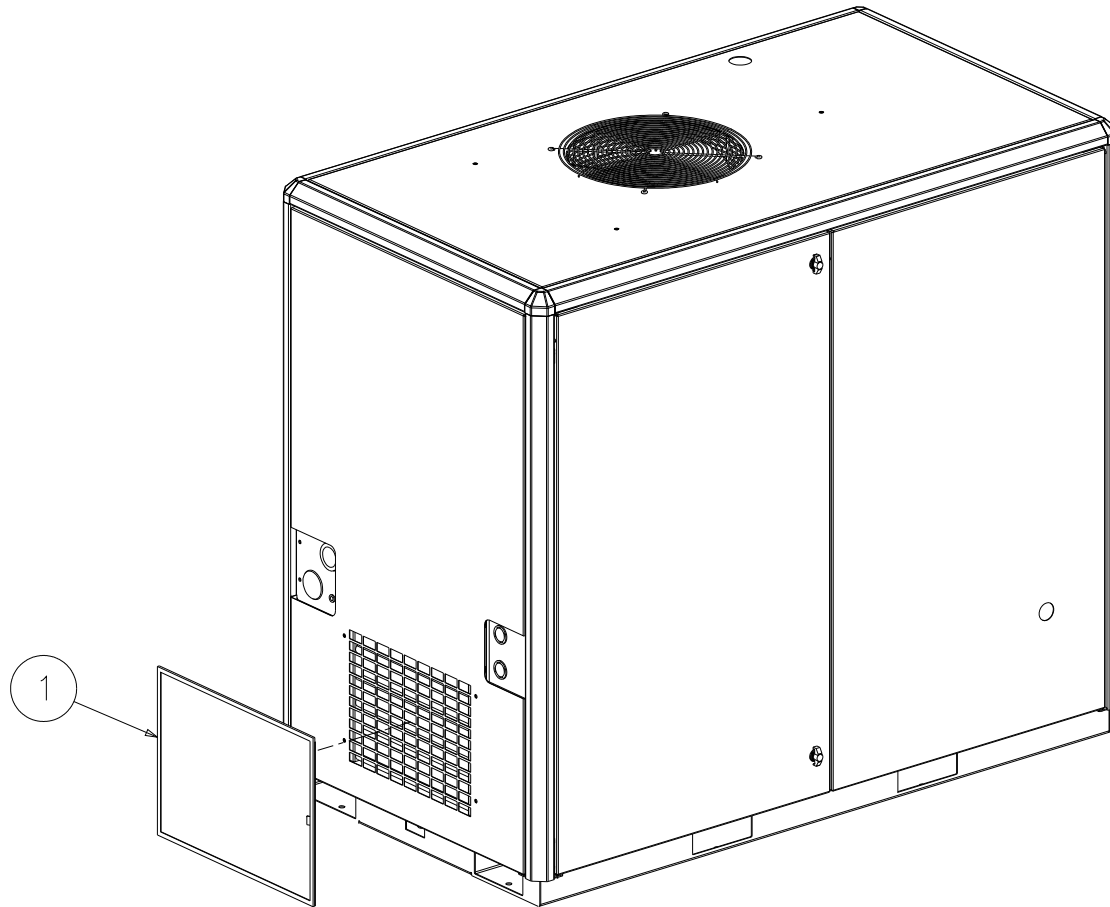


02250169-907-R01

1.51 ASSY CLEAN AIR INLET 16/18 SERIES AC

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250169-905	1	filter,clean air inlet assy	
2	02250174-929	2	spacer, #10, nylon	
3	883004-016	2	screw, tf-hex m4 x 16 blk zinc	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.52 ASSY CLEAN AIR INLET 16/18 SERIES WC

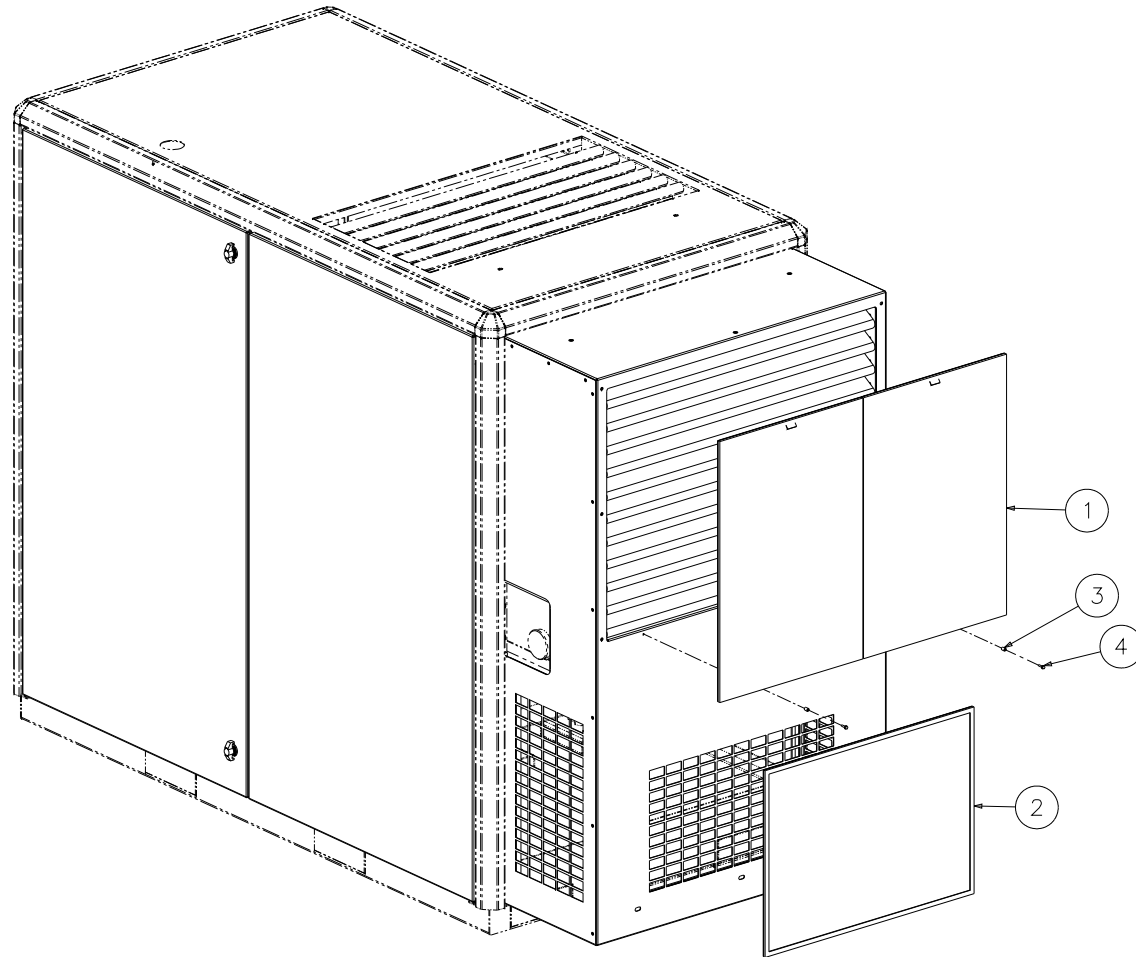


02250171-760-R00

1.52 ASSY CLEAN AIR INLET 16/18 SERIES WC

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250161-137	1	filter,clean air inlet 3700	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.53 ASSY CLEAN AIR INLET 16/18 SERIES AC WITH INTEGRAL DRYER

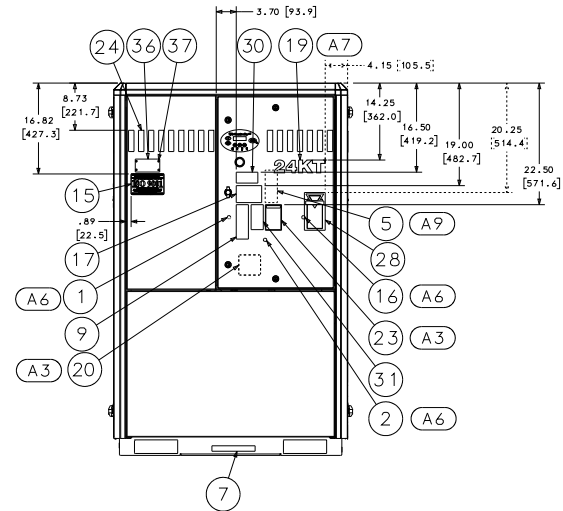
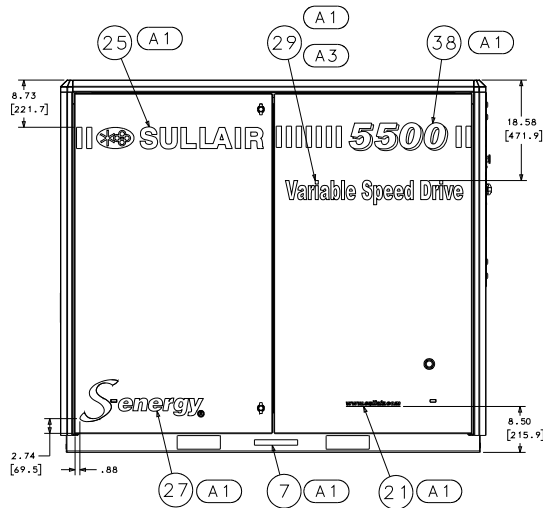
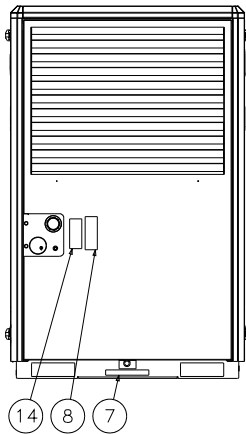
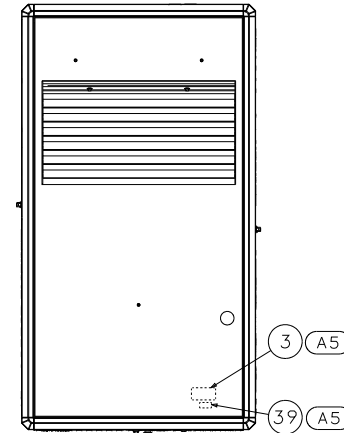
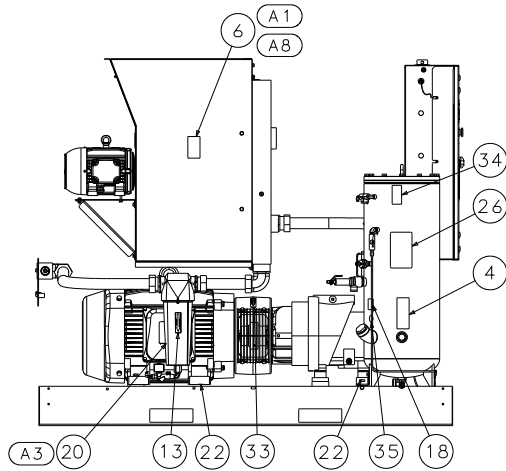
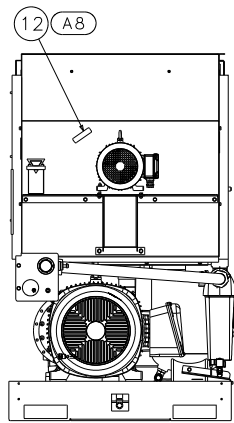


02250172-885-R01

1.53 ASSY CLEAN AIR INLET 16/18 SERIES AC WITH INTEGRAL DRYER

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	02250169-905	1	filter,clean air inlet assy	
2	02250172-886	1	filter,clean air inlet 4500	
3	02250174-929	2	spacer, #10, nylon	
4	883004-016	2	screw, tf-hex m4 x 16 blk zinc	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.54 DECAL LOCATIONS 16 SERIES



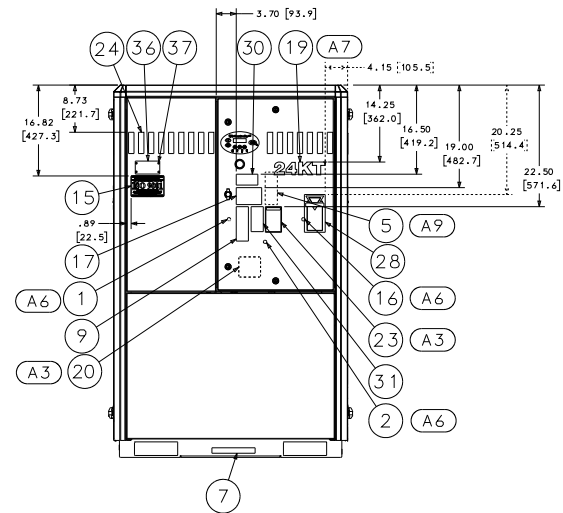
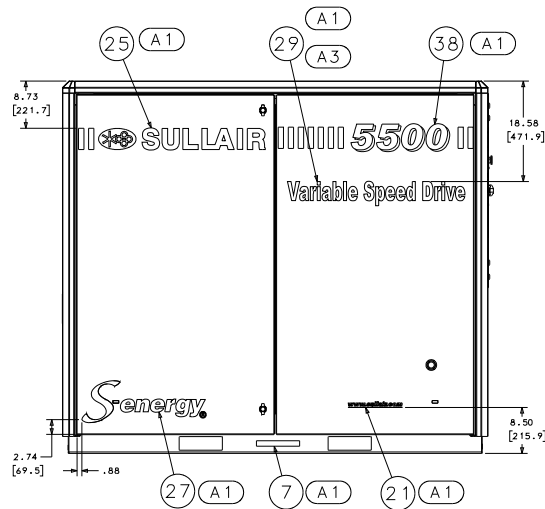
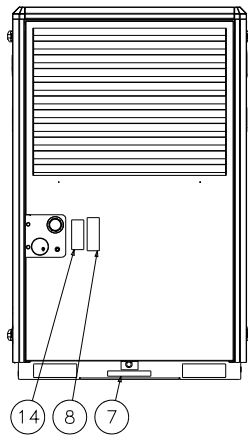
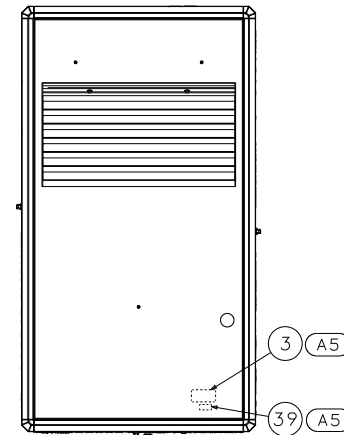
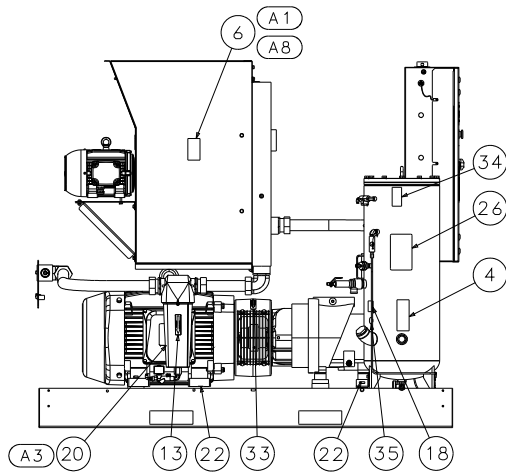
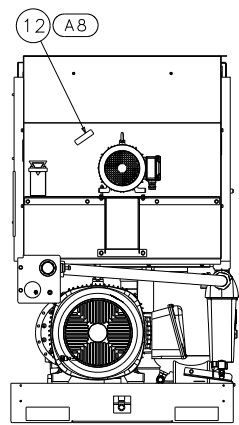
02250164-915R01

1.54 DECAL LOCATIONS 16 SERIES

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	*02250075-045	1	decal,protective earth ground	
2	*02250075-540	1	decal,pe designation	
3	*042218	1	decal,danger hi voltage	
4	*049685	1	sign,warning-comp oil fil cap	
5	*049852	1	sign,warning ground fault	
6	*049855	2	sign,warning-sever-fan-indus	
7	*241814	4	decal,fork lifting	
8	*250003-144	1	sign,warn "food grade" lube	
9	*250017-903	1	decal,warning auto start 4pf	
10	*250019-107	1	decal,water in	
11	*250019-108	1	decal,water out	
12	*250021-564	1	decal,rotation 3.5" lg	
13	*250022-810	1	decal,water drain 3 3/4 x 1"	
14	*250027-935	1	decal,danger breath air	
15	02250057-624	1	decal,iso 9001 blk 3.44x5.75	
16	02250075-045	1	decal,protective earth ground	
17	02250077-472	1	decal,electrocution hazard	
18	02250110-891	1	decal,en-warning mixing fluids	
19	02250145-206	1	decal,24kt metallic gold	
20	02250146-385	2	decal,parallel wye motor conn.	
21	02250155-495	2	decal,black www.sullair.com	
22	02250158-358	2	decal,remove before start-up	
23	02250164-823	1	decal, warning n12 elec encl protc	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
24	02250165-100	1	decal,black graphic p16/18	
25	02250165-102	2	decal, sullair side graph p16/1	
26	02250165-104	1	decal,maint kit eng p16	
27	02250168-920	2	decal,s-energy black	
28	02250174-997	1	decal,cagi info english	
29	02250175-407	2	decal,vsd black p16/18	
30	041065	1	decal,warning auto start	
31	049850	1	decal,danger electrocution	
32	049855	1	sign,warning-sever-fan-indus	
33	250021-564	1	decal,rotation 3.5" lg	
34	407408	1	sign,warning-hot surfaces	
35	FLUID	1	al various	
36	NAMEPLATE	1	various	
37	RIVET	4	various	
38	SERIES	2	al various	
39	VOLTAGE	1	al various	
Continued on page 119				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.54 DECAL LOCATIONS 16 SERIES (CONTINUED)



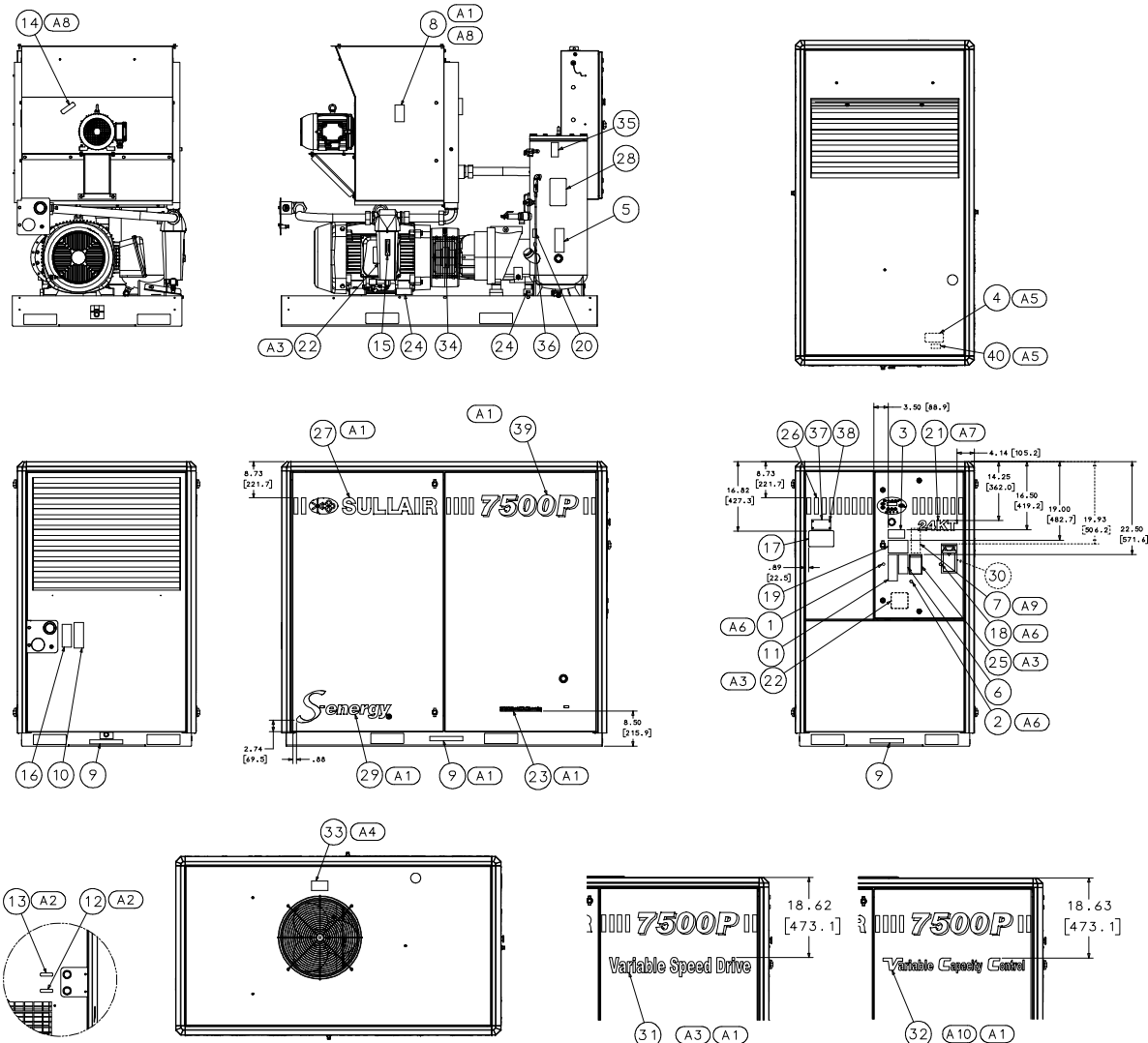
02250164-915R01

1.54 DECAL LOCATIONS 16 SERIES (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
			A1: BOTH SIDES OF MACHINES	
			A2: WATERCOOLED MACHINES ONLY	
			A3: VSD MACHINES ONLY	
			A4: WATERCOOLED VSD MACHINES ONLY	
			A5: ATTACH TO INSIDE OF STARTER BOX ON BOTTOM PANEL	
			A6: ATTACH TO SUB-PANEL INSIDE OF STARTER BOX	
			A7: 24KT MACHINES ONLY	
			A8: AIRCOOLED MACHINES ONLY	
			A9: ATTACH TO INSIDE OF STARTER BOX DOOR	
			Q1: A "*" PRECEEDING THE PART NUMBER INDICATES DECALS CONTAINED IN KIT 02250069-604	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

DECAL LOCATIONS 18 SERIES

1.55 DECAL LOCATIONS 18 SERIES



02250174-406-R00

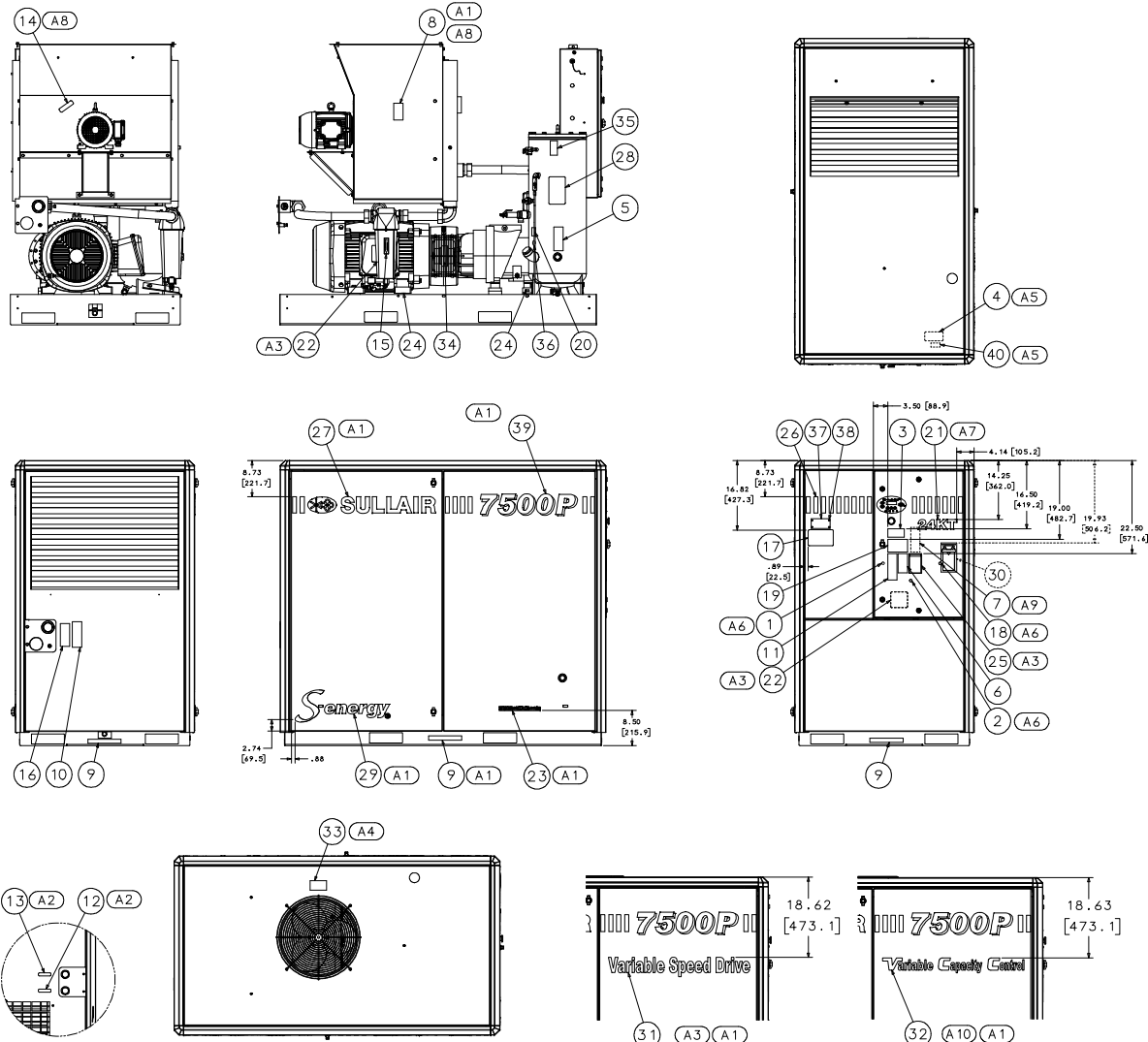


1.55 DECAL LOCATIONS 18 SERIES (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	*02250075-045	1	decal,protective earth ground	
2	*02250075-540	1	decal,pe designation	
3	*041065	1	decal,warning auto start	
4	*042218	1	decal,danger hi voltage	
5	*049685	1	sign,warning-comp oil fil cap	
6	*049850	1	sign,danger electrocution	
7	*049852	1	decal,warning elect. shock-ground fault	
8	*049855	2	sign,warning-sever-fan-indus	
9	*241814	4	decal,fork lifting	
10	*250003-144	1	sign,warn "food grade" lube	
11	*250017-903	1	decal,warning auto start 4pf	
12	*250019-107	1	decal,water in	
13	*250019-108	1	decal,water out	
14	*250021-564	1	decal,rotation 3.5" lg	
15	*250022-810	1	decal,water drain 3 3/4 x 1"	
16	*250027-935	1	decal,danger breath air	
17	02250057-624	1	decal,iso 9001 blk 3.44x5.75	
18	02250075-045	1	decal,protective earth ground	
19	02250077-472	1	decal,electrocution hazard international/global	
20	02250110-891	1	decal,en-warning mixing fluids	
21	02250145-206	1	decal,24kt metallic gold	
22	02250146-385	2	decal,parallel wye motor conn.	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
23	02250155-495	2	decal,black www.sullair.com	
24	02250158-358	2	decal,remove before start-up	
25	02250164-823	1	decal, warning n12 elec encl protc	
26	02250165-100	1	decal,black graphic p16/18	
27	02250165-102	2	decal, sullair side graph p16/1	
28	02250165-104	1	decal,maint kit eng p16	
29	02250168-920	2	decal,s-energy black	
30	02250174-997	1	decal,cagi info english	
31	02250175-407	2	decal,vsd black p16/18	
32	02250175-408	2	decal,variable cap cntrl black	
33	049855	1	sign,warning-sever-fan-indus	
34	250021-564	1	decal,rotation 3.5" lg	
35	407408	1	sign,warning-hot surfaces	
36	FLUID	1	al various	
37	NAMEPLATE	1	various	
38	RIVET	4	various	
39	SERIES	2	al various	
40	VOLTAGE	1	al various	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.55 DECAL LOCATIONS 18 SERIES (CONTINUED)



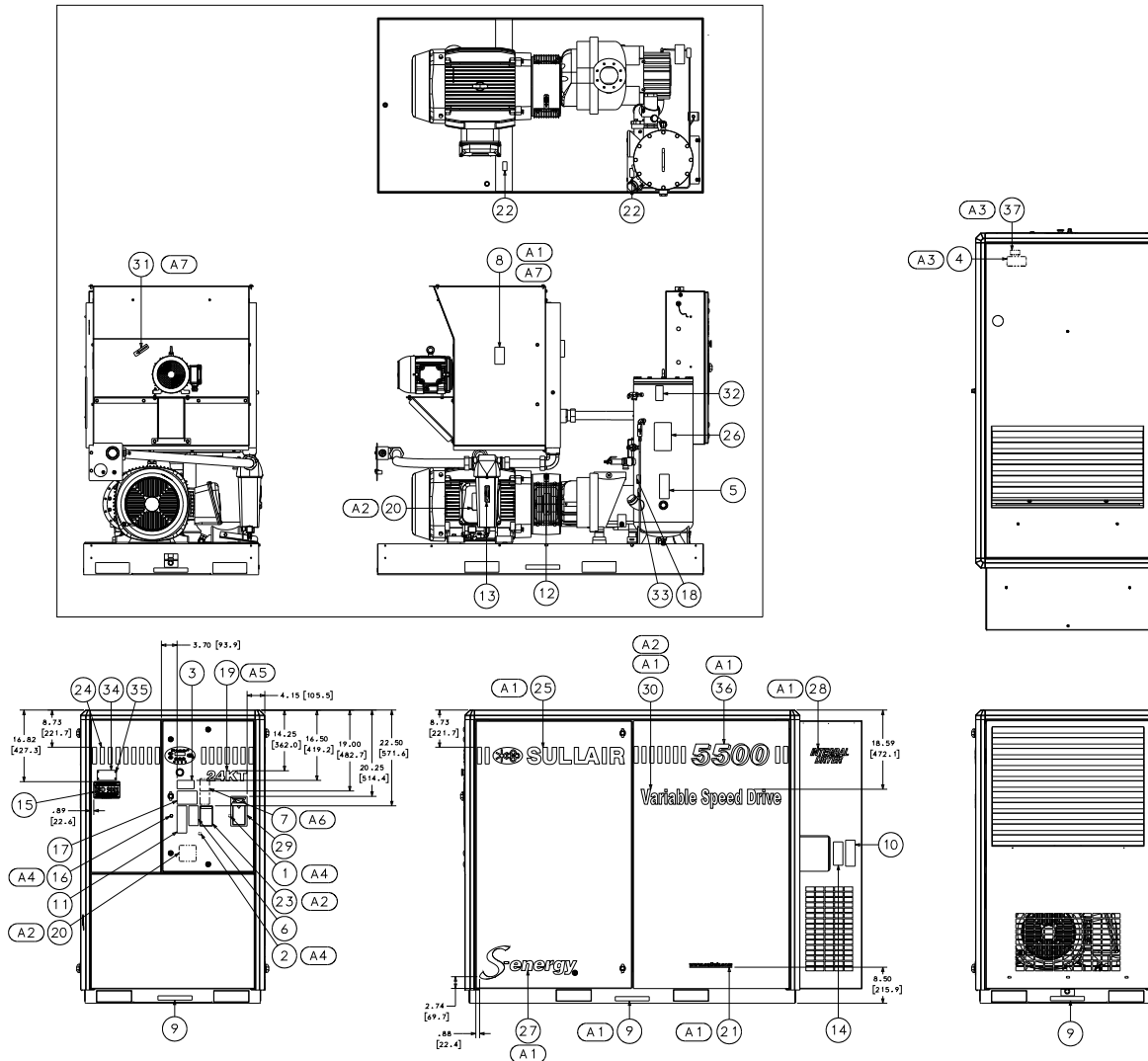
02250174-406-R00

1.55 DECAL LOCATIONS 18 SERIES (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
A1:	BOTH SIDES OF MACHINES			
A2:	WATERCOOLED MACHINES ONLY			
A3:	VSD MACHINES ONLY (NON SPIRAL VALVE ONLY) SPIRAL VALVE MACHINES)			
A4:	WATERCOOLED VSD MACHINES ONLY			
A5:	ATTACH TO INSIDE OF STARTER BOX ON BOTTOM PANEL			
A6:	ATTACH TO SUB-PANEL INSIDE OF STARTER BOX			
A7:	24KT MACHINES ONLY			
A8:	AIRCOOLED MACHINES ONLY			
A9:	ATTACH TO INSIDE OF STARTER BOX DOOR			
A10:	SPIRAL VALVE MACHINES ONLY (VSD OR NON VSD)			
Q1:	A "*" PRECEEDING THE PART NUMBER INDICATES DECALS CONTAINED IN KIT 02250069-604			
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

DECAL LOCATIONS 16 SERIES WITH INTEGRAL DRYER

1.56 DECAL LOCATIONS 16 SERIES WITH INTEGRAL DRYER



02250176-086-R00



1.56 DECAL LOCATIONS 16 SERIES WITH INTEGRAL DRYER (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	*02250075-045	1	decal,protective earth ground	
2	*02250075-540	1	decal,pe designation	
3	*041065	1	decal,warning auto start	
4	*042218	1	decal,danger hi voltage	
5	*049685	1	sign,warning-comp oil fil cap	
6	*049850	1	sign,danger electrocution	
7	*049852	1	decal,warning elect. shock-ground fault	
8	*049855	2	sign,warning-sever-fan-indus	
9	*241814	4	decal,fork lifting	
10	*250003-144	1	sign,warn "food grade" lube	
11	*250017-903	1	decal,warning auto start 4pf	
12	*250021-564	1	decal,rotation 3.5" lg	
13	*250022-810	1	decal,water drain 3 3/4 x 1"	
14	*250027-935	1	decal,danger breath air	
15	02250057-624	1	decal,iso 9001 blk 3.44x5.75	
16	02250075-045	1	decal,protective earth ground	
17	02250077-472	1	decal,electrocution hazard international/global	
18	02250110-891	1	decal,en-warning mixing fluids	
19	02250145-206	1	decal,24kt metallic gold	
20	02250146-385	2	decal,parallel wye motor conn.	
21	02250155-495	2	decal,black www.sullair.com	
22	02250158-358	2	decal,remove before start-up	
23	02250164-823	1	decal, warning n12 elec encl protc	
24	02250165-100	1	decal,black graphic p16/18	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
25	02250165-102	2	decal, sullair side graph p16/1	
26	02250165-104	1	decal,maint kit eng p16	
27	02250168-920	2	decal,s-energy black	
28	02250170-899	2	decal,integral dryer	
29	02250174-997	1	decal,cagi info english	
30	02250175-407	2	decal,vsd black p16/18	
31	250021-564	1	decal,rotation 3.5" lg	
32	407408	1	sign,warning-hot surfaces	
33	FLUID	1	al various	
34	NAMEPLATE	1	various	
35	RIVET	4	various	
36	SERIES	2	al various	
37	VOLTAGE	1	al various	
A1: BOTH SIDES OF MACHINES				
A2: VSD MACHINES ONLY				
A3: ATTACH TO INSIDE OF STARTER BOX ON BOTTOM PANEL				
A4: ATTACH TO SUB-PANEL INSIDE OF STARTER BOX				
A5: 24KT MACHINES ONLY				
A6: ATTACH TO INSIDE OF STARTER BOX DOOR				
A7: AIR COOLED MACHINES ONLY				
Q1: A "*" PRECEEDING THE PART NUMBER INDICATES DECALS CONTAINED IN KIT 02250069-604				
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.57 DECALS



1.57 DECALS

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
1	049685	1	sign, warning-comp oil fill cap	
2	250003-144	1	sign, warn "food grade" lube	
3	049852	1	decal, warning elect. shock-ground fault	
4	250017-903	1	decal, warning auto start 4pf	
5	250027-935	1	decal, danger breath air	
6	049850	1	sign, danger electrocution	
7	049855	2	sign, warning-sever-fan-indus	
8	042218	1	decal, danger hi voltage	
9	407408	1	sign, warning-hot surfaces	
			<i>Continued on page 129</i>	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.57 DECALS (CONTINUED)

DANGER!
Lethal shock hazard. Disconnect all power at source before opening or servicing.

DANGER!
Danger mortel d'électrocution. Débranchez toute source d'alimentation avant toute ouverture ou intervention de maintenance de la machine.

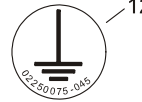
GEFAHRI!
Tödlich Stromschlaggefahr. Vor jeder Öffnung oder jedem Eingriff am Anlasserrelais oder am Schaltschrank sämtliche Stromzufuhrenzuziehen.

PERICOLO!
Pericolo mortale di elettrocuzione. Disinserire tutte le fonti di alimentazione prima di qualsiasi apertura o di qualsiasi intervento di manutenzione della macchina.

PELIGRO!
Peligro mortal de electrocución. Desconectar todas las fuentes de alimentación antes de abrir o de realizar una intervención de mantenimiento en la máquina.

⚡

02250077-472 危险 内有高压, 小心触电。拆卸保养之前应断开所有电源。



GENUINE SULLAIR SERVICE PARTS

MODEL : 4500P/5500/7500

DESCRIPTION:	P/N
ELEMENT, AIR FILTER	02250168-053
ELEMENT, FLUID FILTER	02250168-084
KIT, SEPARATOR	02250169-993
FILTER, FLUID RETURN LINE	02250117-782
KIT, AIR INLET VALVE	02250166-230
KIT, THERMAL VALVE:	
STD SULLUBE	02250144-326
24KT OR >150 PSIG	02250144-327
KIT, REPAIR STRAINER	241772
KIT, MINIMUM PRESSURE VALVE:	
1 1/2"	02250110-727
2"	250018-456
KIT, PRESSURE REGULATOR	250019-453
VALVE, BLOWDOWN	02250100-042

****STD. COMPRESSOR FLUID OPTIONS:**

SULLUBE FLUID (5 GAL)	250022-669
24KT FLUID (5 GAL)	02250051-153
CP-4600-32-F FOOD GRADE (5 GAL)	250029-008
SRF 1/4000 FLUID (5 GAL)	250019-662

**** SEE COMPR. FILL DECAL FOR CORRECT FLUID**

THE ABOVE PARTS SHOULD BE ORDERED FROM A LOCAL SULLAIR DISTRIBUTOR. FOR INFORMATION REGARDING THE LOCATION OF YOUR NEAREST SULLAIR DISTRIBUTOR CONTACT:

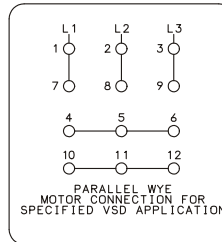
SULLAIR CORPORATION TEL. 1-800-SULLAIR
CUSTOMER CARE DIVISION
MICHIGAN CITY, IN. 46360
www.sullair.com

02250165-104

CAUTION: This machine is equipped with Automatic Stop / Start Control System.

DO NOT ATTEMPT to make any adjustment without disconnecting both main line and control circuit electrical power.

41065



! WARNING

Mixing of other fluids will void warranty.

Fill cap has an o-ring seal. Do not use pipe dope.

02250110-891



← LIFT HERE →

241814

WATER DRAIN

200008-910

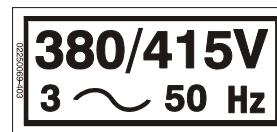
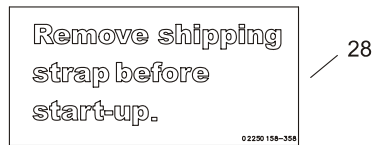
NOIOTN ROTATION

1897-12006

1.57 DECALS (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
10	02250077-472	1	decal, electrocution hazard international/global	
11	02250075-540	1	decal, PE designation	
12	02250075-045	1	decal, protective earth ground	
13	02250165-104	1	decal, maintenance kit p16/18	
14	041065	1	decal, warning auto start	
15	02250146-385	1	decal, parallel wye motor conn	
16	02250110-891	1	decal, en-warning mixing fluids	
17	02250069-389	1	decal, fluid Sullube	
18	02250069-395	1	decal, fluid 24KT	
19	02250069-394	1	decal, fluid LLL-4-32	
20	241814	4	decal, fork lifting	
21	250022-810	1	decal, water drain 3 3/4 x 1"	
22	250021-564	1	decal, rotation 3.5" lg	
			Continued onpage 131	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.57 DECALS (CONTINUED)



1.57 DECALS (CONTINUED)

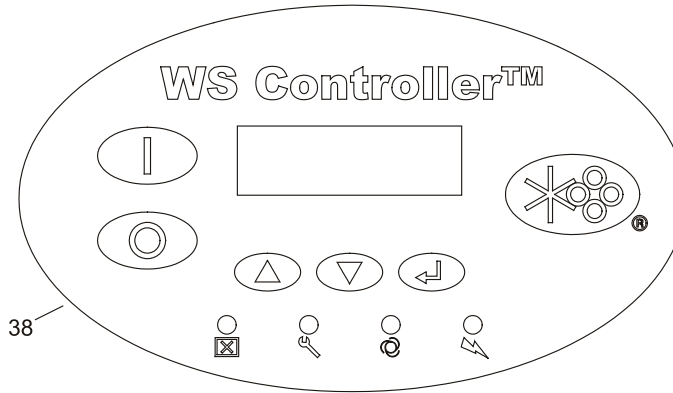
KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
23				
24	02250168-920	1	decal, s-energy black	
25	02250145-206	1	decal, 24kt gold metallic	
26	250019-107	1	decal, water in	
27	250019-108	1	decal, water out	
28	02250158-358	1	decal, remove before startup	
29	02250155-495	1	decal, black www.sullair.com	
30	02250175-407	1	decal, vsd black	
31	02250569-399	1	decal, voltage 460/3/60 international	
32	02250069-403	1	decal, voltage 200/3/60 international	
33	02250069-397	1	decal, voltage 380-415/3/50 international	
34	02250069-406	1	decal, voltage 230/3/60 international	
35	02250069-400	1	decal, voltage 575/3/60 international	
			<i>Continued on page 133</i>	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.57 DECALS (CONTINUED)

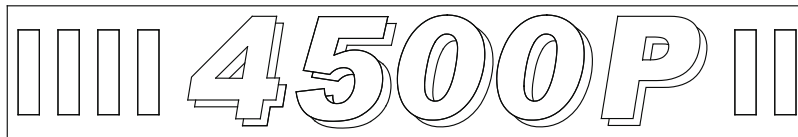


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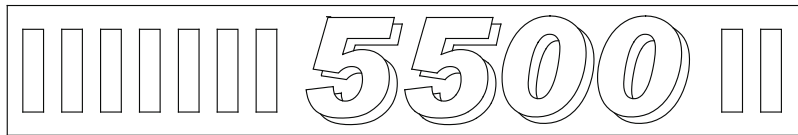
37



38

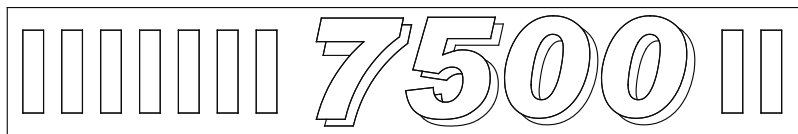


39



40

41



42

1.57 DECALS (CONTINUED)

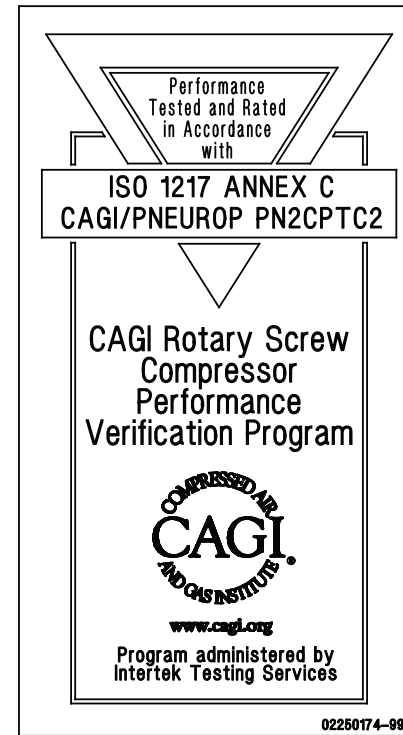
KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
36	02250165-100	1	decal, black graphic p16/18	
37	02250165-102	2	decal, sullair side graph p16/1	
38	02250154-359	1	decal, microprocessor overlay	
39	02250169-748	1	decal, 4500P black w/ stripe	
40	02250165-103	1	decal, 5500 black w/ stripe	
41	02250165-167		decal, 7500 black w/ stripe	
42	02250170-899	1	decal, integral dryer	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

1.57 DECALS (CONTINUED)

43



44



1.57 DECALS (CONTINUED)

KEY NO.	PART NO.	QTY	DESCRIPTION	NOTE
43	02250175-116	1	decal, 7500p black w/stripe	
44	02250174-997	1	decal, cagi info english	
PLEASE NOTE: WHEN ORDERING PARTS, INDICATE SERIAL NUMBER OF COMPRESSOR				

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NOTES



WORLDWIDE SALES AND SERVICE

SULLAIR ASIA, LTD.

Sullair Road, No. 1
Chiwan, Shekuo
Shenzen, Gunagdong PRV.
PRC POST CODE 518068
Telephone: 755-6851686
Fax: 755-6853473
www.sullair-asia.com

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

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