

Quincy Model QSB/T™ 15 - 50 HP

Parts Manual • Air-cooled "S" Version
Water-cooled "S" Version

This manual contains important safety information and should be made available to all personnel who operate and/or maintain this product. Carefully read this manual before attempting to operate or perform maintenance on this equipment.



Quincy Compressor®

True Blue ReliabilitySM

Manual No. 65007-SA

January 2003 Edition

Manual Brought to You By: IndustrialAirPower.com

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SERIAL NUMBER IDENTIFICATION ORDERING REPLACEMENT PARTS

The serial number tag is located on the top flange of the unit frame just left of the control panel and in the upper right corner of the electrical control panel.

SERIAL NO.	MODEL NO.
WHEN ORDERING PARTS INCLUDE ALL OF THE ABOVE NUMBERS	
	Quincy Compressor Division BAY MINETTE, ALABAMA
MADE IN U.S.A.	QUINCY P/N 1693-176

• *Ordering Replacement Parts*

Prompt service can be rendered on replacement part orders if the following information is given:

1. The serial number must be given when ordering replacement parts.
2. State the exact part number needed. **Do not order by index numbers**, as index numbers are repeated throughout this manual and if used for ordering parts will necessitate time consuming correspondence.
3. State the exact quantity needed.
4. State the preferred type of transportation.

All replacement parts are to be ordered through an authorized distributor. **Insist on Genuine Quincy Parts only!** Failure to do so may void your warranty.

 <u>WARNING</u> Guards must be fastened in place before starting the machine and never removed before disconnecting and locking out the main power supply.	 <u>DANGER</u> Air in the piping from this equipment will cause severe injury or death if used for breathing air or food processing (If non-food grade fluid is used). Air used for these processes must meet OSHA 29CFR1910.134 or FDA 21CFR178.3570 standards.
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FLUID SPECIFICATIONS

Quincy Compressor® recommends that all Quincy Rotary Screw Compressors be filled with one of the following QuinSyn® Brand synthetic fluids:

★ QuinSyn PG™ ★

★ QuinSyn F® (food grade) ★

★ QuinSyn Plus™ ★

★ QuinSyn XP® ★

Synthetic fluids other than QuinSyn brand(s) may not be compatible with components used in a Quincy Compressor. If it is deemed necessary to convert a Quincy Compressor to a synthetic other than QuinSyn brand, please contact an authorized Quincy Compressor distributor. To locate your nearest distributor, contact Sales & Marketing in Quincy, Illinois:

Phone 217-222-7700, FAX 217-222-4138 or visit our website: <http://www.quincycompressor.com>.

The following information will be required by the distributor when changing compressor fluid:

	HP						PSI			A/C	W/C
MODEL QSB/T: (CIRCLE CONFIGURATION)	15	20	25	30	40	50	100	125	150		

SERIAL No. _____ FLUID ORIGINALLY USED: _____

FLUID NOW USED (IF CHANGED): _____ NEW FLUID TO BE USED: _____

Additional information regarding fluid specifications can be found in the Instruction Manual shipped with your unit.

• Fluid Analysis Kit

Quincy Compressor offers free fluid analysis to provide early detection of excessive parts wear, fluid breakdown, or a contaminated fluid system. Order the Fluid Analysis Kit (part no. 128515) from your local authorized Quincy Compressor distributor.

• Fluid Requirements

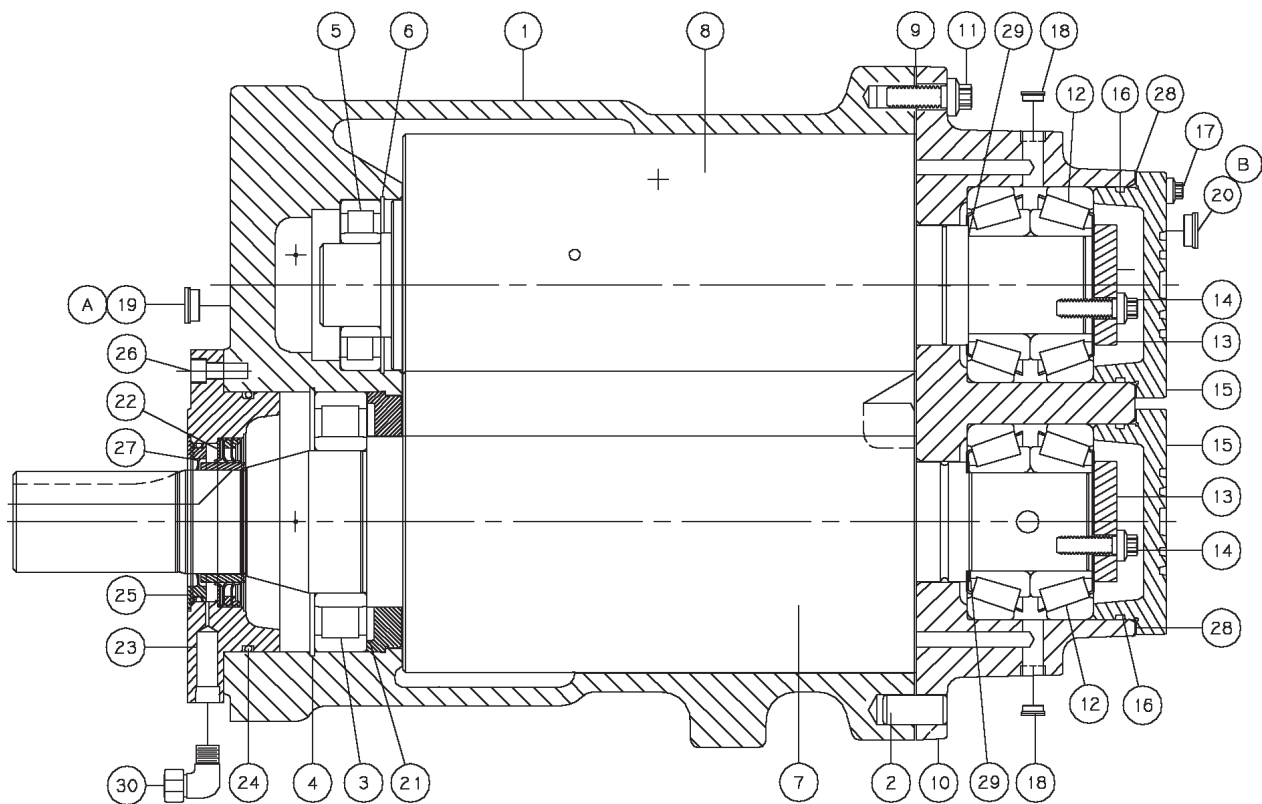
QSB/T 15 & 20 HP (air-cooled & water-cooled)	-	3.25 gallons
QSB/T 25 HP (air-cooled & water-cooled)	-	3.75 gallons
QSB/T 30 HP (air-cooled)	-	3.25 gallons
QSB/T 30 HP (water-cooled)	-	4.25 gallons
QSB/T 40 HP (air-cooled)	-	5.00 gallons
QSB/T 40 HP (water-cooled)	-	4.00 gallons
QSB/T 50 HP (air-cooled)	-	3.75 gallons
QSB/T 50 HP (water-cooled)	-	4.50 gallons

All Quincy Rotary Screw Compressors are factory filled with QuinSyn PG unless otherwise specified.

RECOMMENDED SPARE PARTS

QTY.	PART NUMBER	DESCRIPTION
1	140209	KIT-SHAFT SEAL (INCLUDES SLINGER, SHAFT SEAL, & WEAR RING)
1	126467E450	ELEMENT-AIR FILTER (<i>ACROSS THE LINE, STANDARD</i>)
1	23458-1	ELEMENT-AIR FILTER (<i>ACROSS THE LINE, HEAVY DUTY</i>)
1	125420E300	ELEMENT-AIR FILTER (<i>WYE-DELTA</i>)
1	20775	KIT-DIFFERENTIAL PILOT VALVE (INCLUDES DIAPHRAGM, DIAPHRAGM GASKETS, SEAT GASKET, SEAT DISK, SEAT RING)
1	129731-050	KIT-LINE FILTER (INCLUDES BOWL SEAL, FILTER ELEMENT, GASKET)
1	*	BELTS-MATCHED SET
1	127138-002	SEPARATOR-AIR/FLUID, PRIMARY
1	127139-001	SEPARATOR-AIR/FLUID, SECONDARY (<i>15-30 HP</i>)
1	129893	SEPARATOR-AIR/FLUID, SECONDARY (<i>40-50 HP</i>)
1	128813-054	KIT-MINIMUM PRESSURE CHECK VALVE (<i>15-30 HP</i>)
1	128813-052	KIT-MINIMUM PRESSURE CHECK VALVE (<i>40-50 HP</i>)
1	128381-050	ELEMENT-FLUID FILTER
1	140147-2	VALVE-THERMAL, CARTRIDGE (<i>AIR-COOLED</i>)
1	124827-052	KIT-MOISTURE SEPARATOR (INCLUDES GASKET)
1	143808-005	FLUID-QUINSYN PG (5 GALLON CONTAINER)
1	144046-005	FLUID-QUINSYN PLUS (5 GALLON CONTAINER)
1	110756-005	FLUID-QUINSYN F (5 GALLON CONTAINER)
1	142784-005	FLUID-QUINSYN XP (5 GALLON CONTAINER)
2	128515-3	KIT-FLUID ANALYSIS

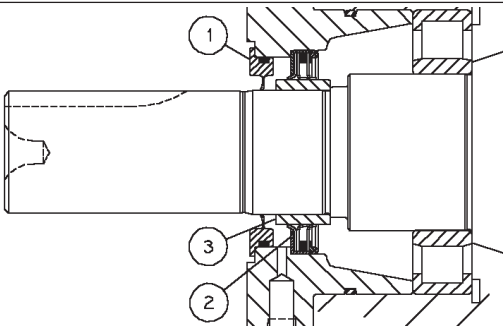
* Refer to Drive Groups on pages 36 through 47 for appropriate belt set part numbers.



SHAFT SEAL KIT - 140209

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	129613	SLINGER
2	1	129612	SEAL-SHAFT
3	1	129610	SEAL-WEARING

Reference Instruction Manual to install compressor shaft seal. Tool Kit 140284 for 204 mm shaft seal and wear ring installation can be purchased from Quincy Compressor.



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	*		HOUSING-ROTOR
2	2	124145-004	PIN-DOWEL
3	*		BEARING-ROTOR
4	1	129964-003	RING-RETAINER, BEARING
5	*		BEARING-ROTOR, SUCTION END
6	2	125688	RETAINER-BEARING
7	*		ROTOR-MALE
8	*		ROTOR-FEMALE
9	1	125577-001	GASKET-DISCHARGE PLATE
10	1	129889	PLATE-DISCHARGE
11	9	90386-L14	SCREW-COUNTERBORE, 3/8-16 UNC X 1.25, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS)
12	*		BEARING-ROTOR, DISCHARGE END
13	2	125572	RETAINER-BEARING
14	6	123478-K12	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
15	2	125567	CAP-END, DISCHARGE
16	2	22749-151	O-RING, VITON
17	8	123478-J12	SCREW-CAP, 1/4-20 UNC X 1.00, GRADE 5 (@ 6 FT-LBS)
18	2	121160	PLUG-PIPE, 0.125 NPT
19	1	128883-050	PLUG-PIPE, 1/2-20 (SAE O-RING)
20	10	128883-038	PLUG-PIPE, 3/8-24 (SAE O-RING)
21	1	143019	SEAL-AIR
22	1	129612	SEAL-SHAFT
23	1	142658	ADAPTER-SEAL
24	1	22749-242	O-RING, VITON
25	1	129613	SLINGER
26	3	90386-K12	SCREW-COUNTERBORE, 5/16-18 UNC X 1.00, GRADE 8 (@ 13 FT-LBS)
27	1	129610	SEAL-WEAR RING
28	**	125576	SHIM-DISCHARGE CAP, TEMPERED STEEL
29	**	125575	SHIM-ROTOR, TEMPERED STEEL
30	1	124349-004	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.12 NPT

COMPONENT MAINTENANCE PARTS

A	1	140406-905	O-RING, VITON
B	10	140406-903	O-RING, VITON

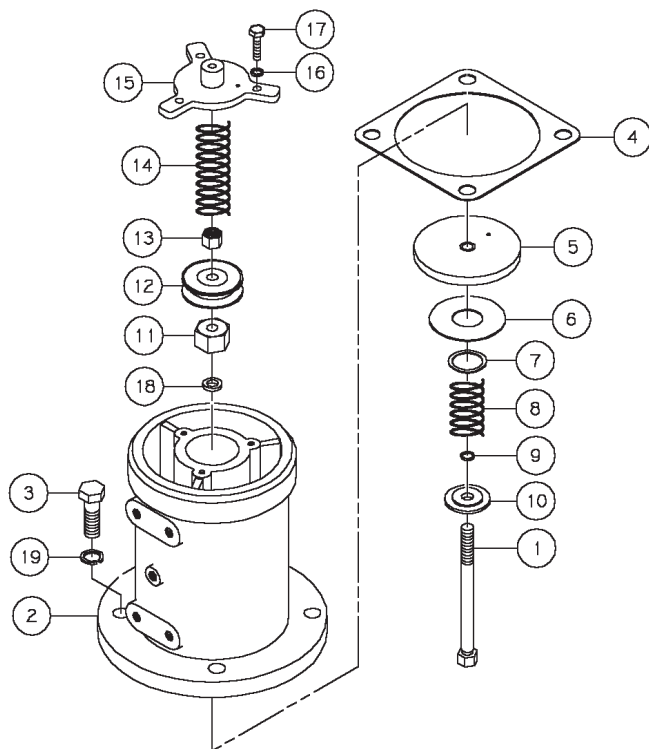
* Items not sold separately, must be ordered as a complete airend.

** Quantity as required.

@ Indicates torque value in foot pounds (**lubricated threads**).

INLET VALVE GROUP (ACROSS THE LINE)

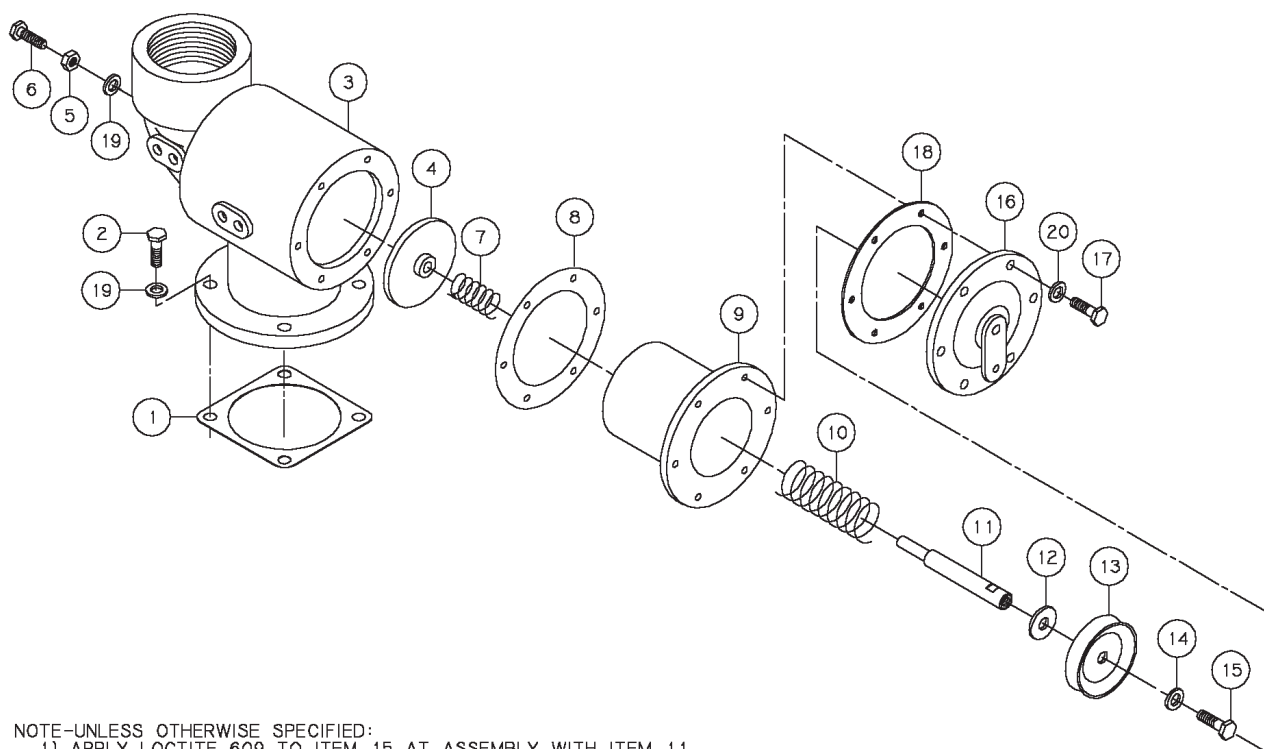
143146



ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	127202	SHAFT-INLET VALVE
2	1	143127	ASSEMBLY-HOUSING, INLET VALVE
3	4	142578-N15	SCREW-CAP, ZINC, 1/2-13 UNC X 1.50, GRADE 5 (@ 23 FT-LBS)
4	1	141608	GASKET-INLET VALVE
5	1	143128	ASSEMBLY-PLATE, INLET VALVE
6	1	125912	DISC-VALVE, BYPASS
7	1	2134	GASKET-VALVE
8	1	123092	SPRING
9	1	123157-012	O-RING
10	1	127203	RETAINER-PLATE, VALVE
11	1	127201	SPACER-INLET VALVE
12	1	126460-200	CUP-PISTON
13	1	124370-L02	LOCKNUT, 3/8-16 UNC
14	1	126461	SPRING-INLET VALVE
15	1	126358	CAP-INLET VALVE CYLINDER
16	5	123115-04Z	LOCKWASHER-ZINC, 0.25
17	3	123478-J09	SCREW-CAP, 1/4-20 UNC X 0.62, GRADE 5 (@ 6 FT-LBS)
18	1	126796	SEAL-SHAFT, INLET VALVE
19	4	123115-08Z	LOCKWASHER-ZINC, 0.50

@ Indicates torque value in foot pounds (*lubricated threads*).

INLET VALVE GROUP (WYE-DELTA) 126650

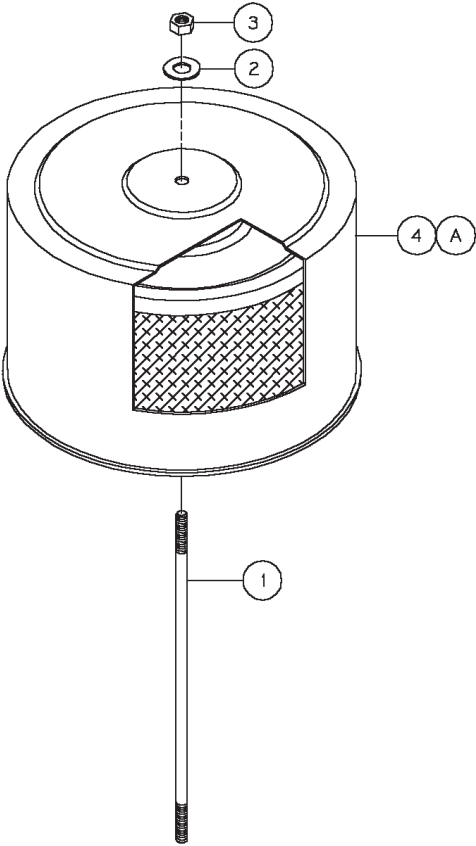


NOTE-UNLESS OTHERWISE SPECIFIED:
1) APPLY LOCTITE 609 TO ITEM 15 AT ASSEMBLY WITH ITEM 11.

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	141608	GASKET-INLET VALVE
2	4	142578-N15	SCREW-CAP, ZINC, 1/2-13 UNC X 1.50, GRADE 5 (@ 23 FT-LBS)
3	1	126646	HOUSING-INLET VALVE
4	1	122995	ASSEMBLY-INLET VALVE PLATE (INCLUDES BUSHING-P/N 23681)
5	1	124368-N02	NUT-JAM, 1/2-13 UNC
6	1	128720-001	SCREW-HEX, 1/2-13 UNC X 5.00, GRADE 5 (@ 55 FT-LBS)
7	1	123092	SPRING
8	1	123549-003	GASKET
9	1	126644	CYLINDER-INLET VALVE (INCLUDES BUSHING-P/N 22880)
10	1	126649	SPRING-INLET VALVE
11	1	126648	SHAFT-INLET VALVE
12	1	126647	WASHER-FLAT, 0.56
13	1	126460-350	CUP-PISTON
14	1	1478-1	WASHER-FLAT, STEEL
15	1	123478-N12	SCREW-CAP, 1/2-13 UNC X 1.00, GRADE 5 (@ 55 FT-LBS)
16	1	126645	PLATE-COVER
17	6	123478-L15	SCREW-CAP, 3/8-16 UNC X 1.50, GRADE 5 (@ 23 FT-LBS)
18	1	141258	GASKET-INLET VALVE
19	5	123115-08C	LOCKWASHER, 0.50
20	6	123115-06C	LOCKWASHER, 0.38

@ Indicates torque value in foot pounds (**lubricated threads**).

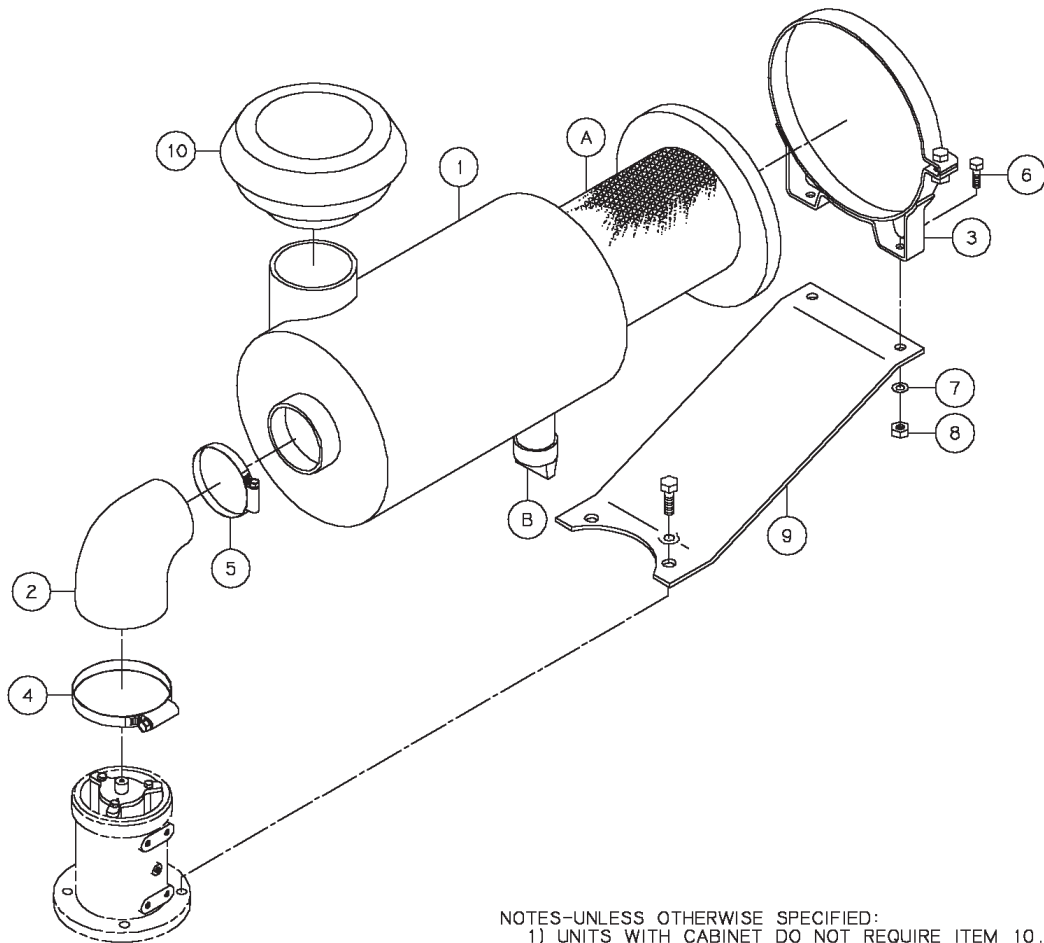
AIR FILTER GROUP (ACROSS THE LINE, STANDARD)
126679



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	126462	STUD-AIR FILTER
2	1	110428N025	WASHER-FLAT, 0.25
3	1	124370-J02	LOCKNUT, 1/4-20 UNC
4	1	126467H450	FILTER-AIR
<u>COMPONENT MAINTENANCE PARTS</u>			
A	1	126467E450	ELEMENT-AIR FILTER

AIR FILTER GROUP (ACROSS THE LINE, HEAVY DUTY)

126680



NOTES-UNLESS OTHERWISE SPECIFIED:
1) UNITS WITH CABINET DO NOT REQUIRE ITEM 10.

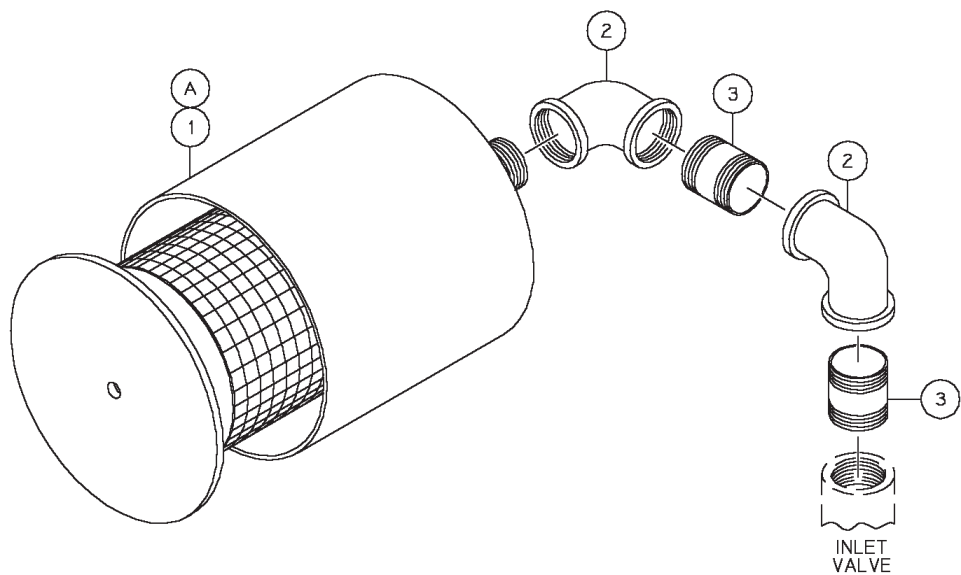
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	22864-8	FILTER-AIR
2	1	122934-04	ELBOW-RUBBER
3	1	120293	BAND-AIR FILTER MOUNTING
4	1	110423-096	CLAMP-HOSE
5	1	110423-064	CLAMP-HOSE
6	2	123478-K09	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
7	2	123115-05C	LOCKWASHER, 0.31
8	2	124364-K02	NUT-HEX, 5/16-18 UNC
9	1	126681	BRACKET-AIR FILTER
10	1	22275	HOOD-AIR FILTER

COMPONENT MAINTENANCE PARTS

A	1	23458-1	ELEMENT-AIR FILTER
B	1	121291	COVER-DUST

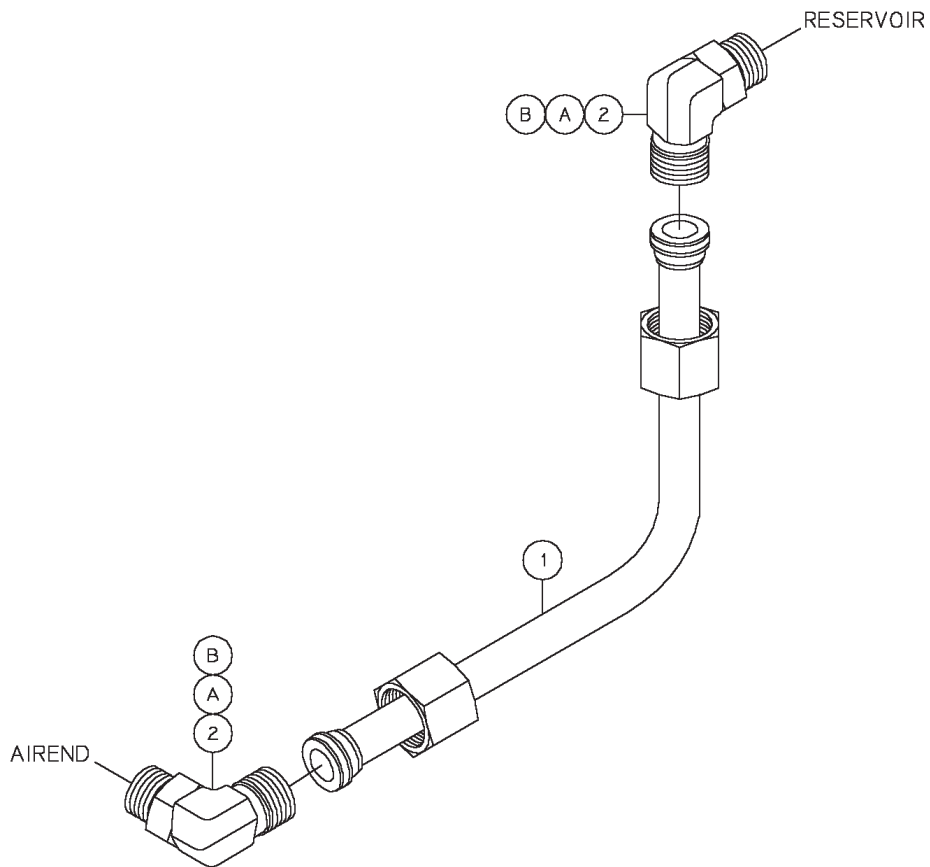
@ Indicates torque value in foot pounds (*lubricated threads*).

AIR FILTER GROUP (WYE-DELTA)
142919-001



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	125420H350	FILTER-AIR, HOODED
2	2	23895	ELBOW-PIPE, 90°, 3.50 NPT
3	2	125943-001	NIPPLE-PIPE, 3.50 NPT X CLOSE
COMPONENT MAINTENANCE PARTS			
A	1	125420E300	ELEMENT-AIR FILTER

DISCHARGE PIPING GROUP
140720-001



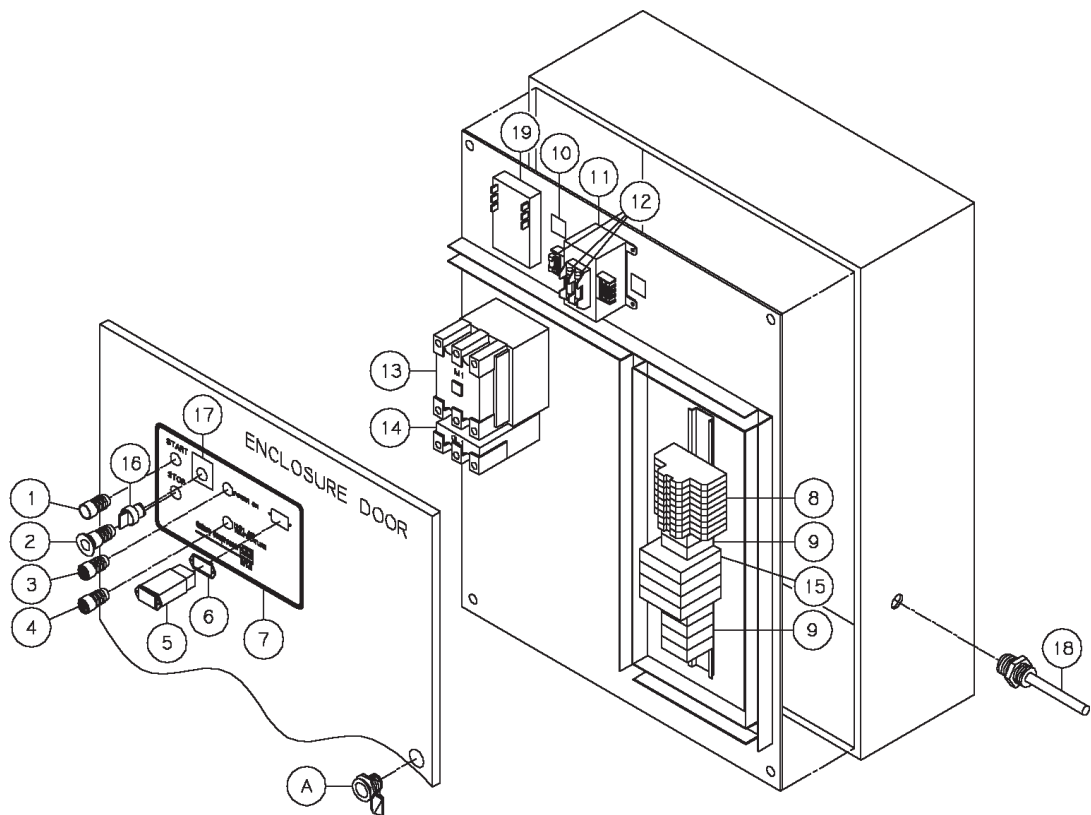
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	140719-051	ASSEMBLY-TUBE, SEAL-LOK, 1.50 O.D.
2	2	140676-024	FITTING-ELBOW, 1.50 TUBE X 1-7/8-12 (SAE O-RING)

COMPONENT MAINTENANCE PARTS

A	2	140406-924	O-RING, VITON
B	2	140675-008	O-RING/FACE SEAL, VITON

STARTING GROUP
(ACROSS THE LINE)

PIX5099



NOTES-UNLESS OTHERWISE SPECIFIED:
1) QUANTITIES OF ITEMS 9 (RELAY) AND 15 (TIMER) WILL VARY DEPENDING ON OPTIONS SELECTED.
2) ITEMS 15 (TIMER), 16 (SELECTOR SWITCH) & 17 (PLATE) NOT USED ON CONTINUOUS RUN UNITS.
3) ITEM 19 (PHASE MONITOR) IS OPTIONAL.

Additional parts which are not shown but may be required depending on options selected:

QTY.	PART NUMBER	DESCRIPTION
load/no load-modulation option:		
1	140688	DECAL-SWITCH, LOAD/NO LOAD - MODULATION
Net\$ync option:		
1	143265	BOARD-NET\$YNC, I/O
1	129865	SWITCH-SELECTOR
1	140533	BRACKET-SWITCH
1	129864-01	BLOCK-CONTACT (NORMALLY OPEN)
1	143183	DECAL-SWITCH, LOCAL/REMOTE
1	142334-08	ASSEMBLY-TERMINAL BLOCK, NET\$YNC

STARTING GROUP
(ACROSS THE LINE)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	129081	BUTTON-START
INCLUDES:	1	129090	BLOCKS-CONTACT (2 NORMALLY OPEN)
2	1	129082	BUTTON-STOP
INCLUDES:	1	129089	BLOCK-CONTACT (NORMALLY CLOSED)
3	1	129087	LIGHT-INDICATOR,AMBER
INCLUDES:	1	129092	BASE-INDICATOR LIGHT
	1	143144-01	LAMP-AMBER
4	1	129088	LIGHT-INDICATOR,RED
INCLUDES:	1	129092	BASE-INDICATOR LIGHT
	1	143144-02	LAMP-RED
5	1	110871-120	HOURLMETER (60 Hz)
	1	110871-125	HOURLMETER (50 Hz)
6	1	126972	GASKET-HOURLMETER
7	1	129077	DECAL-CONTROL PANEL
8	1	142334-13	ASSEMBLY-TERMINAL BLOCK
9	2**	143059-1	RELAY-SOCKET
10	1	143470	SHEET-ELECTRICAL DECALS
11	*	(PAGE 14)	TRANSFORMER
12	*	(PAGE 14)	FUSES-TRANSFORMER
13	*	(PAGE 14)	CONTACTOR-DRIVE MOTOR, 120 VOLT
14	*	(PAGE 15)	RELAY-OVERLOAD, DRIVE MOTOR
15	1**	144739	TIMER-PROGRAMMABLE <i>(NOT USED ON CONTINUOUS RUN UNITS)</i>
16	1**	129083	SWITCH-SELECTOR <i>(NOT USED ON CONTINUOUS RUN UNITS)</i>
INCLUDES:	1	129091	BLOCKS-CONTACT (1 NORMALLY OPEN/1 NORMALLY CLOSED)
17	1	129103-2	PLATE-LEGEND (AUTO DUAL)
	1	129103-4	PLATE-LEGEND (REMOTE/LOCAL)
	1	129103-6	PLATE-LEGEND (LEAD/LAG)
18	1	122880-222	SWITCH-TEMPERATURE (225°F)
19	*	(PAGE 15)	PHASE MONITOR <i>(OPTIONAL)</i>

COMPONENT MAINTENANCE PARTS

A	1	141784-001	LATCH-ENCLOSURE (NEMA 1)
	1	141784-002	LATCH-ENCLOSURE (NEMA 4)

* Quantities and part numbers are listed in tabulations on the pages indicated.

** Quantities may vary depending on options selected.

STARTING GROUP
(ACROSS THE LINE)

ITEM 11

TRANSFORMER

	QTY	15-40 HP	50 HP
200V	1	128413-151	128020-251
230V	1	128413-153	128413-253
380V	1	128413-156	128413-256
415V	1	128413-154	128413-254
460V	1	128413-153	128413-253
575V	1	128413-155	128413-255

ITEM 12

TRANSFORMER FUSES

15-40 HP				50 HP			
	QTY	PRIMARY	QTY	SECONDARY		QTY	SECONDARY
200V	2	128857-014	1	128622-160	2	128857-012	1 128622-250
230V	2	128857-011	1	128622-160	2	128857-015	1 128622-250
380V	2	128857-003	1	128622-160	2	128857-011	1 128622-250
415V	2	128857-002	1	128622-160	2	128857-011	1 128622-250
460V	2	128857-002	1	128622-160	2	128857-011	1 128622-250
575V	2	128857-002	1	128622-160	2	128857-003	1 128622-250

ITEM 13

DRIVE MOTOR CONTACTOR

	QTY	15 HP	20 HP	25 HP	30 HP	40 HP	50 HP
200V	1	144570-07	144570-08	144570-09	144570-10	144571-10	144570-12
230V	1	144570-06	144570-08	144570-08	144570-09	144571-10	144570-11
380V	1	144570-05	144570-06	144570-07	144570-07	144571-09	144570-09
415V	1	144570-04	144570-05	144570-06	144570-07	144571-09	144570-09
460V	1	144570-04	144570-05	144570-06	144570-06	144571-07	144570-08
575V	1	144570-03	144570-04	144570-05	144570-06	144571-07	144570-08

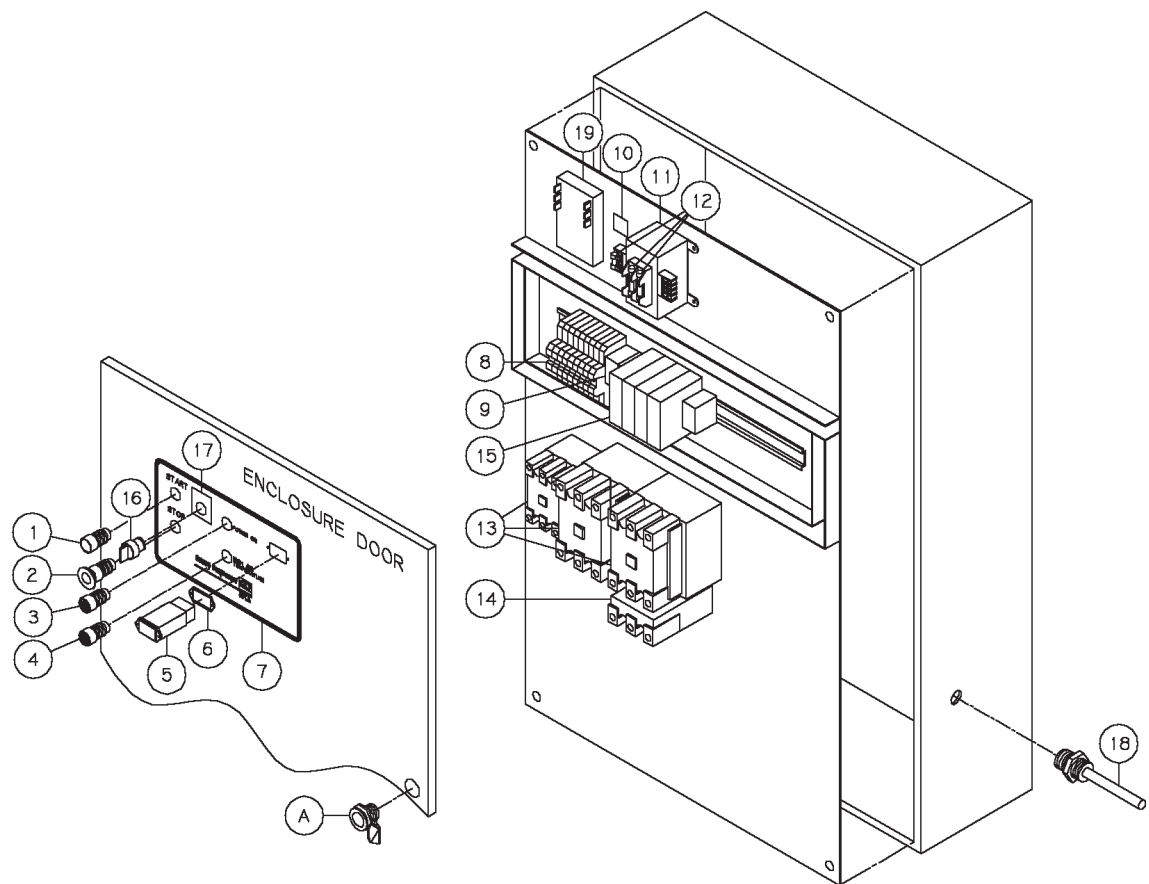
STARTING GROUP
(ACROSS THE LINE)

ITEM 14		DRIVE MOTOR OVERLOAD RELAY					
	Q_{TY}	15 HP	20 HP	25 HP	30 HP	40 HP	50 HP
200V	1	144571-07	144571-09	144571-09	144571-09	144570-11	144571-10
230V	1	144571-07	144571-09	144571-09	144571-09	144570-11	144571-10
380V	1	144571-06	144571-07	144571-07	144571-07	144570-08	144571-09
415V	1	144571-05	144571-07	144571-07	144571-07	144570-08	144571-09
460V	1	144571-05	144571-07	144571-07	144571-07	144570-07	144571-09
575V	1	144571-05	144571-05	144571-07	144571-07	144570-06	144571-09

ITEM 19		PHASE MONITOR					
	Q_{TY}						
200V	1	129200-001					
230V	1	129200-001					
380V	1	129200-003					
415V	1	129200-002					
460V	1	129200-002					
575V	1	128422-003					

STARTING GROUP
(WYE-DELTA)

PIX5100



NOTES-UNLESS OTHERWISE SPECIFIED:
1) QUANTITIES OF ITEMS 9 (RELAY) AND 15 (TIMER) WILL VARY DEPENDING ON OPTIONS SELECTED.
2) ITEMS 16 (SELECTOR SWITCH) & 17 (PLATE) NOT USED ON CONTINUOUS RUN UNITS.
3) ITEM 19 (PHASE MONITOR) IS OPTIONAL.

Additional parts which are not shown but may be required depending on options selected:

QTY.	PART NUMBER	DESCRIPTION
load/no load-modulation option:		
1	140688	DECAL-SWITCH, LOAD/NO LOAD - MODULATION
Net\$ync option:		
1	143265	BOARD-NET\$YNC, I/O
1	129865	SWITCH-SELECTOR
1	140533	BRACKET-SWITCH
1	129864-01	BLOCK-CONTACT (NORMALLY OPEN)
1	143183	DECAL-SWITCH, LOCAL/REMOTE
1	142334-08	ASSEMBLY-TERMINAL BLOCK, NET\$YNC

STARTING GROUP
(WYE-DELTA)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	129081	BUTTON-START
INCLUDES:	1	129090	BLOCKS-CONTACT (2 NORMALLY OPEN)
2	1	129082	BUTTON-STOP
INCLUDES:	1	129089	BLOCK-CONTACT (NORMALLY CLOSED)
3	1	129087	LIGHT-INDICATOR,AMBER
INCLUDES:	1	129092	BASE-INDICATOR LIGHT
	1	143144-01	LAMP-AMBER
4	1	129088	LIGHT-INDICATOR,RED
INCLUDES:	1	129092	BASE-INDICATOR LIGHT
	1	143144-02	LAMP-RED
5	1	110871-120	HOURLMETER (60 Hz)
	1	110871-125	HOURLMETER (50 Hz)
6	1	126972	GASKET-HOURLMETER
7	1	129077	DECAL-CONTROL PANEL
8	1	142334-13	ASSEMBLY-TERMINAL BLOCK
9	2**	143059-1	RELAY-SOCKET
10	1	143470	SHEET-ELECTRICAL DECALS
11	*	(PAGE 14)	TRANSFORMER
12	*	(PAGE 14)	FUSES-TRANSFORMER
13	*	(PAGE 18)	CONTACTOR-DRIVE MOTOR, 120 VOLT
14	*	(PAGE 19)	RELAY-OVERLOAD, DRIVE MOTOR
15	1**	144739	TIMER-PROGRAMMABLE
16	1**	129083	SWITCH-SELECTOR
INCLUDES:	1**	129091	BLOCKS-CONTACT (1 NORMALLY OPEN/1 NORMALLY CLOSED)
17	1	129103-2	PLATE-LEGEND (AUTO DUAL)
	1	129103-4	PLATE-LEGEND (REMOTE/LOCAL)
	1	129103-6	PLATE-LEGEND (LEAD/LAG)
18	1	122880-222	SWITCH-TEMPERATURE (225°F)
19	*	(PAGE 15)	PHASE MONITOR (OPTIONAL)
20	1	144573-01	INTERLOCK-MECHANICAL

COMPONENT MAINTENANCE PARTS

A	1	141784-001	LATCH-ENCLOSURE (NEMA 1)
	1	141784-002	LATCH-ENCLOSURE (NEMA 4)

* Quantities and part numbers are listed in tabulations on the pages indicated.

** Quantities may vary depending on options selected.

STARTING GROUP
(WYE-DELTA)

ITEM 13

DRIVE MOTOR CONTACTOR

	Q_{TY}	15 HP	Q_{TY}	20 HP	Q_{TY}	25 HP
200V	3	144570-05	2	144570-06	2	144570-07
			1	144570-05	1	144570-05
230V	3	144570-05	2	144570-06	2	144570-07
			1	144570-05	1	144570-05
380V	2	144570-03	2	144570-04	2	144570-04
	1	144570-01	1	144570-02	1	144570-03
415V	2	144570-03	2	144570-03	2	144570-04
	1	144570-01	1	144570-01	1	144570-02
460V	2	144570-03	2	144570-04	2	144570-04
	1	144570-01	1	144570-02	1	144570-03
575V	2	144570-02	2	144570-03	2	144570-04
	1	144570-01	1	144570-01	1	144570-02
	Q_{TY}	30 HP		40 HP		50 HP
200V	3	144570-08	2	144570-09	2	144570-10
			1	144570-08	1	144570-08
230V	3	144570-08	2	144570-09	2	144570-10
			1	144570-08	1	144570-08
380V	3	144570-05	2	144570-09	2	144570-07
			1	144570-08	1	144570-05
415V	3	144570-05	2	144570-06	2	144570-07
			1	144570-05	1	144570-05
460V	3	144570-05	2	144570-06	2	144570-07
			1	144570-05	1	144570-05
575V	2	144570-04	3	144570-05	2	144570-06
	1	144570-02			1	144570-05

STARTING GROUP
(WYE-DELTA)

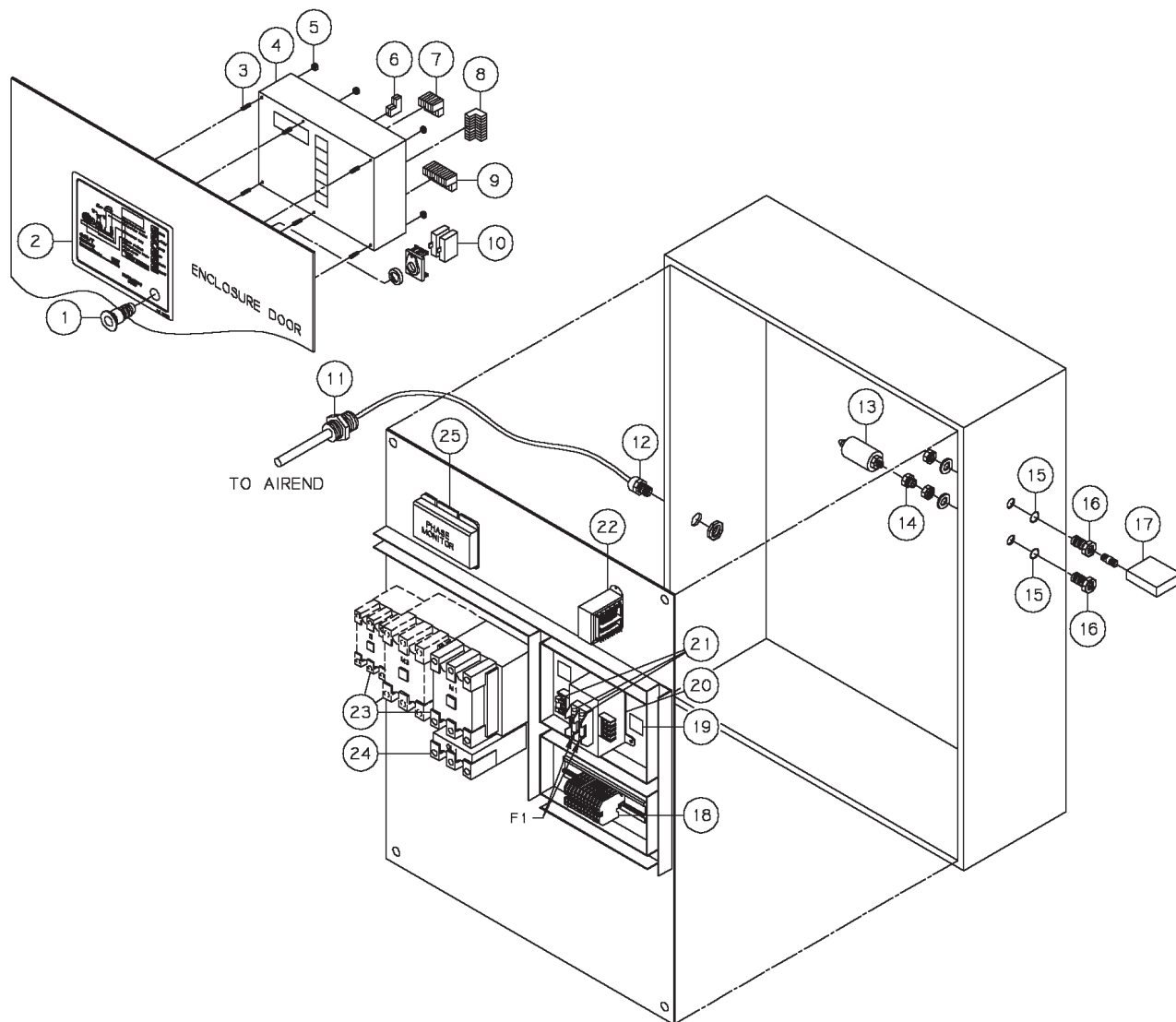
ITEM 14

DRIVE MOTOR OVERLOAD RELAY

	Q_{TY}	15 HP	20 HP	25 HP	30 HP	40 HP	50 HP
200V	1	144571-07	144571-07	144571-07	144571-09	144571-09	144571-09
230V	1	144571-07	144571-07	144571-07	144571-09	144571-09	144571-09
380V	1	144571-05	144571-05	144571-05	144571-07	144571-09	144571-07
415V	1	144571-05	144571-05	144571-05	144571-07	144571-07	144571-07
460V	1	144571-05	144571-05	144571-05	144571-07	144571-07	144571-07
575V	1	144571-04	144571-05	144571-05	144571-05	144571-07	144571-07

STARTING GROUP (ELECTRONIC CONTROL)

PIX5067



NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) CONTACTORS (ITEM 23) SHOWN WITH HIDDEN LINES ARE USED ON WYE-DELTA UNITS ONLY. PART NUMBERS FOR THESE CONTACTORS ARE THE SAME AS WYE-DELTA UNITS WITH STANDARD CONTROL.
- 2) ITEM 25 (PHASE MONITOR) IS OPTIONAL.

STARTING GROUP
(ELECTRONIC CONTROL)

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	129863-01	BUTTON-STOP
2	1	142326	DECAL-ELECTRONIC CONTROLLER
3	6	160048-F09	SCREW-SET, # 8 UNF X 0.625
4	1	142131	CONTROLLER-ELECTRONIC
5	6	124365-F02	NUT-HEX, # 8 UNF
6	1	142659-01	HEADER PLUG-2 PIN
7	1	142659-02	HEADER PLUG-6 PIN
8	1	142659-03	HEADER PLUG-9 PIN
9	1	142659-04	HEADER PLUG-10 PIN
10	2	129864-02	BLOCK-CONTACT (NORMALLY CLOSED)
11	1	143754	PROBE-TEMPERATURE, HIGH VIBRATION
12	1	142096-04	STRAIN RELIEF
13	1	142133	TRANSDUCER-ELECTRONIC CONTROL
14	1	143046-008	BUSHING-PIPE, 0.25 NPT X 0.12 NPT
15	2	123157-117	O-RING
16	2	129203-003	COUPLING-BULKHEAD
17	1	129596-001	SWITCH-DIFFERENTIAL PRESSURE, 10 PSI
18	1	142334-05	ASSEMBLY-TERMINAL BLOCK
19	1	143470	SHEET-ELECTRICAL DECALS
20	*	(PAGE 14)	TRANSFORMER
21	*	(PAGE 14)	FUSES-TRANSFORMER
22	1	143674	TRANSFORMER-24 VOLT
23	*	(PAGE 14)	CONTACTOR-DRIVE MOTOR (<i>ACROSS THE LINE</i>)
	*	(PAGE 18)	CONTACTOR-DRIVE MOTOR (<i>WYE-DELTA</i>)
24	*	(PAGE 15)	RELAY-OVERLOAD, DRIVE MOTOR
25	*	(PAGE 15)	PHASE MONITOR (<i>OPTIONAL</i>)

COMPONENT MAINTENANCE PARTS

A	1	141784-001	LATCH-ENCLOSURE, NEMA 1
	1	141784-002	LATCH-ENCLOSURE, NEMA 4

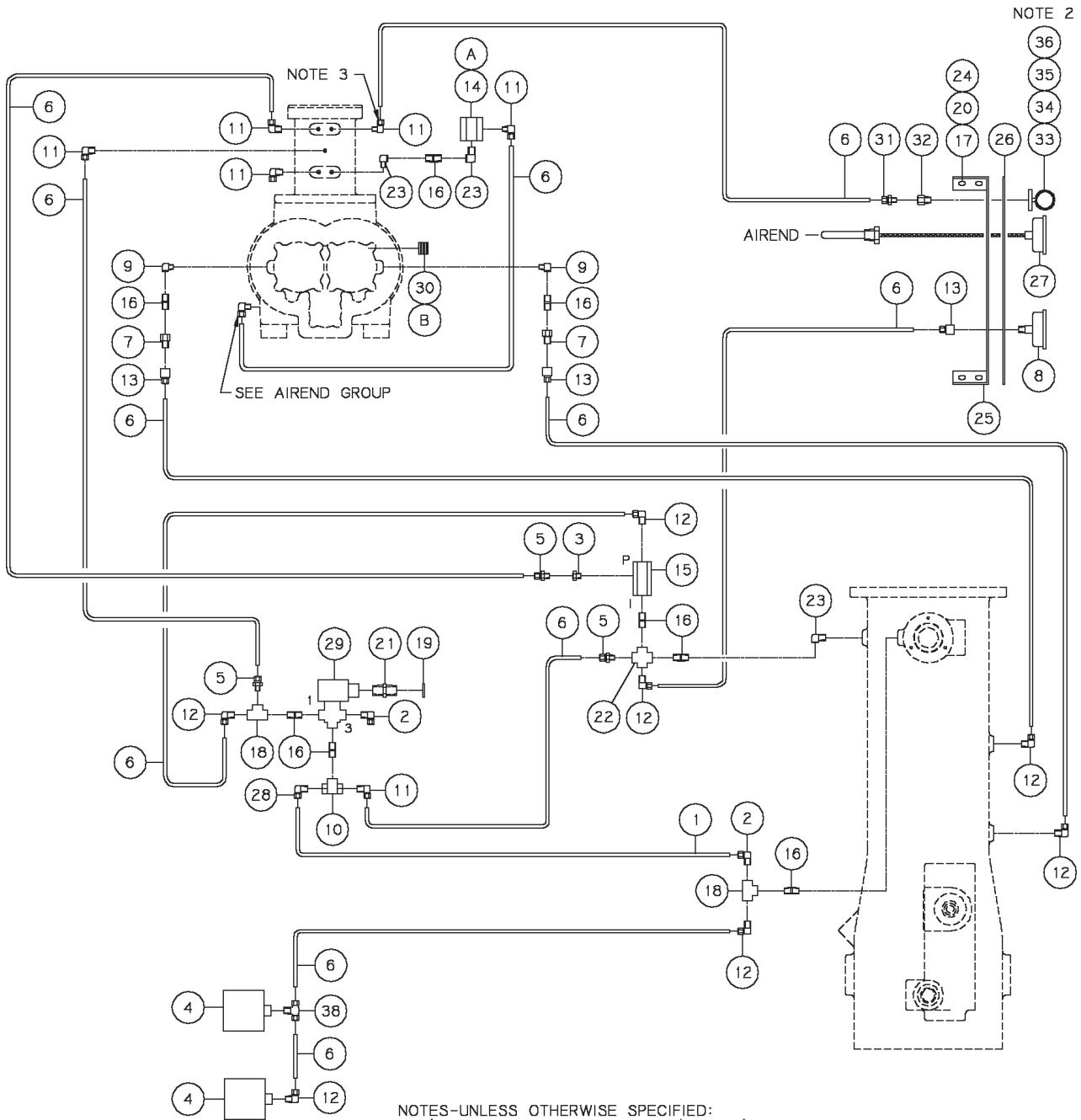
* Quantities and part numbers are listed in tabulations on the pages indicated.

** For units with Net\$ync option, see page 15 for additional parts included.

CONTROL PIPING GROUPS

(ACROSS THE LINE, LOAD/NO LOAD)

129506-002



- NOTES-UNLESS OTHERWISE SPECIFIED:
- 1) SECOND PRESSURE SWITCH (ITEM 4) AND ATTACHED TEE (ITEM 38) USED ONLY ON UNITS WITH LEAD/LAG OPTION.
 - 2) ITEMS 31-36 USED ONLY ON UNITS WITH AIR FILTER INDICATOR.
 - 3) UNITS LESS AIR FILTER INDICATOR - REPLACE ITEM 11 • INLET VALVE WITH ITEM 37 (PLUG, NOT SHOWN).

CONTROL PIPING GROUPS
(ACROSS THE LINE, LOAD/NO LOAD)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4.0 FT	124435-004	TUBING-NYLON, 0.38 O.D.
2	2	124349-010	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.25 NPT
3	1	125025-001	ORIFICE-LINE FILTER (0.140)
4*	1	22454-1	SWITCH-PRESSURE (70-125 PSI)
	1	8698-011	SWITCH-PRESSURE (150-210 PSI)
5	3	124393-005	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.25 NPT
6	19.0 FT	124435-003	TUBING-NYLON, 0.25 O.D.
7	2	125025	ORIFICE-LINE FILTER (0.040)
8	1	128662	GAUGE-PRESSURE (0-300 PSI)
9	2	122212	ELBOW-PIPE, BRASS, 0.12 NPT X 0.25 NPT
10	1	90084	VALVE-SHUTTLE, 0.125 NPT
11**	6	124349-004	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.12 NPT
12	7	124349-005	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.25 NPT
13	3	124347-004	FITTING-FEMALE CONNECTOR, 0.25 TUBE X 0.25 NPT
14	1	122056	VALVE-CHECK
15	1	128826	VALVE-BLOWDOWN
16	8	142125-1	NIPPLE-BRASS, EXTRA STRONG, 0.25 NPT X CLOSE
17	4	124370-K02	LOCKNUT, 5/16-18 UNC
18	2	121034-2	TEE-PIPE, BRASS, 0.25 NPT
19	1	8052	LOCKNUT-CONDUIT, 0.50
20	4	123478-K09	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
21	1	144545-02	FITTING-CONNECTOR, STRAIN RELIEF, 0.50
22	1	6150	CROSS-PIPE, BRASS, 0.25 NPT
23	3	122636	ELBOW-PIPE, BRASS, 0.25 NPT
24	4	110428W025	WASHER-FLAT, 0.25
25	1	140148	PANEL-GAUGE
26	1	140149-1	DECAL-GAUGE PANEL (LESS AIR FILTER INDICATOR)
	1	140149-2	DECAL-GAUGE PANEL (WITH AIR FILTER INDICATOR)
27	1	128664	GAUGE-THERMOMETER
28	1	124349-009	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.12 NPT
29	1	120496-4	VALVE-SOLENOID, 3-WAY
30	1	128883-106	PLUG-PIPE, 1-1/16-12 (SAE O-RING)
31**	1	124393-004	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.12 NPT
32**	1	125259-001	FITTING-COUPLING, BRASS, 0.12 X 0.12
33**	1	21312	INDICATOR-FILTER
34**	2	123115-04C	LOCKWASHER, 0.25
35**	2	124364-J02	NUT-HEX, 1/4-20 UNC
36**	2	123478-J09	SCREW-CAP, 1/4-20 UNC X 0.62, GRADE 5 (@ 6 FT-LBS)
37**	1	121160	PLUG-PIPE, 0.125 NPT
38*	1	124351-004	FITTING-TEE, MALE BRANCH, 0.25 TUBE X 0.25 NPT

COMPONENT MAINTENANCE PARTS

A	2	123157-008	O-RING
B	1	140406-912	O-RING, VITON

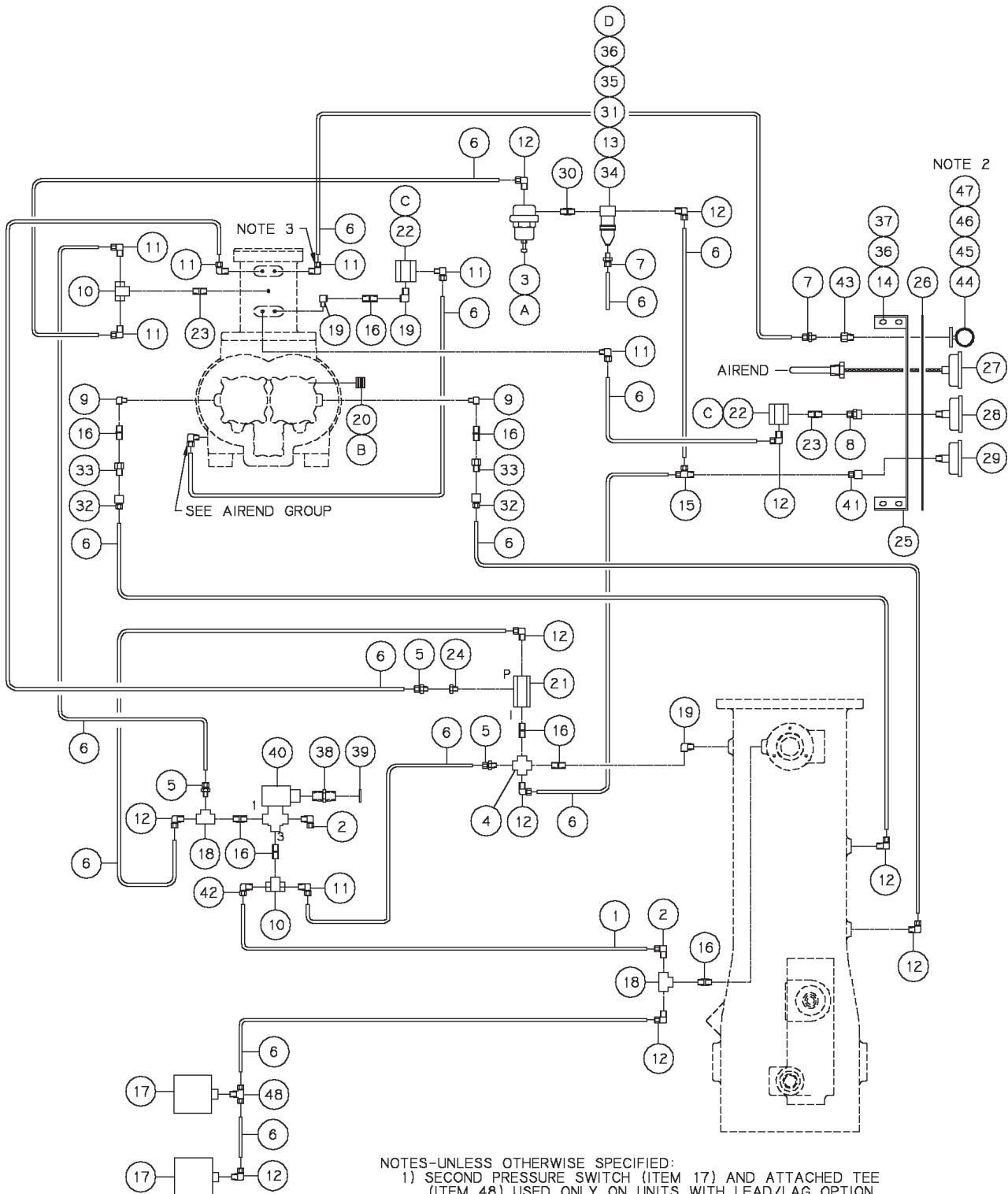
* Refer to note 1 on drawing for units with lead/lag option.

** Refer to notes 2 & 3 on drawing for units less air filter indicator.

@ Indicates torque value in foot pounds (**lubricated threads**).

CONTROL PIPING GROUPS (ACROSS THE LINE, MODULATION)

129506-004



- NOTES-UNLESS OTHERWISE SPECIFIED:
- 1) SECOND PRESSURE SWITCH (ITEM 17) AND ATTACHED TEE (ITEM 48) USED ONLY ON UNITS WITH LEAD/LAG OPTION.
 - 2) ITEMS 43-47 USED ONLY ON UNITS WITH AIR FILTER INDICATOR.
 - 3) UNITS LESS AIR FILTER INDICATOR -
REPLACE ITEM 11 @ INLET VALVE WITH ITEM 49 (PLUG, NOT SHOWN).
ITEM 7 (CONNECTOR) QUANTITY IS 1.

CONTROL PIPING GROUPS
(ACROSS THE LINE, MODULATION)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4.0 FT	124435-004	TUBING-NYLON, 0.38 O.D.
2	2	124349-010	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.25 NPT
3	1	21969-3	VALVE-DIFFERENTIAL PILOT
4	1	6150	CROSS-PIPE, BRASS, 0.25 NPT
5	3	124393-005	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.25 NPT
6	17.0 FT	124435-003	TUBING-NYLON, 0.25 O.D.
7**	2	124393-004	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.12 NPT
8	1	125260-001	REDUCER-PIPE, BRASS, 0.25 NPT X 0.12 NPT
9	2	122212	ELBOW-PIPE, BRASS, 0.12 NPT X 0.25 NPT
10	2	90084	VALVE-SHUTTLE, 0.125 NPT
11**	9	124349-004	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.12 NPT
12	10	124349-005	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.25 NPT
13	1	122417-002	BRACKET-LINE FILTER HANGER
14	4	124370-K02	LOCKNUT, 5/16-18 UNC
15	1	124348-003	FITTING-TEE, MALE RUN, 0.25 TUBE X 0.25 NPT
16	8	142125-1	NIPPLE-BRASS, EXTRA STRONG, 0.25 NPT X CLOSE
17*	1	22454-1	SWITCH-PRESSURE (70-125 PSI)
	1	8698-011	SWITCH-PRESSURE (150-210 PSI)
18	2	121034-2	TEE-PIPE, BRASS, 0.25 NPT
19	3	122636	ELBOW-PIPE, BRASS, 0.25 NPT
20	1	128883-106	PLUG-PIPE, 1-1/16-12 (SAE O-RING)
21	1	128826	VALVE-BLOWDOWN
22	2	122056	VALVE-CHECK
23	2	142125-13	NIPPLE-BRASS, EXTRA STRONG, 0.12 NPT X CLOSE
24	1	125025-001	ORIFICE-LINE FILTER (0.140)
25	1	140148	PANEL-GAUGE
26	1	140149-5	DECAL-GAUGE PANEL (LESS AIR FILTER INDICATOR)
26	1	140149-6	DECAL-GAUGE PANEL (WITH AIR FILTER INDICATOR)
27	1	128664	GAUGE-THERMOMETER
28	1	128663	GAUGE-PERCENT CAPACITY
29	1	128662	GAUGE-PRESSURE (0-300 PSI)
30	1	142125-2	NIPPLE-BRASS, EXTRA STRONG, 0.25 NPT X 1.25

* Quantity may vary depending on options selected.

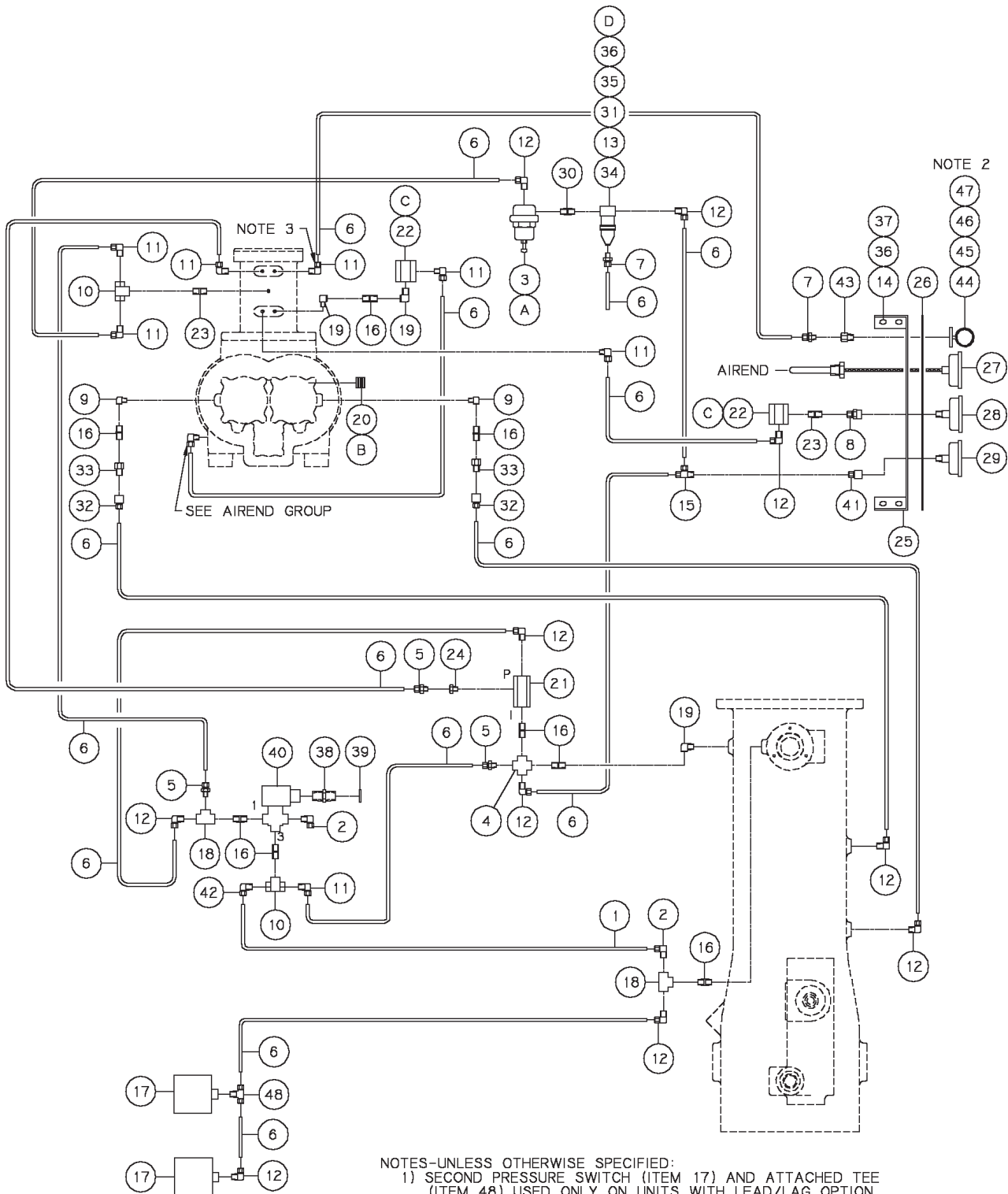
** Refer to notes 2 & 3 on drawing for units less air filter indicator.

@ Indicates torque value in foot pounds (**lubricated threads**).

Items 31- 49 and the Component Maintenance Parts are on page 27.

CONTROL PIPING GROUPS (ACROSS THE LINE, MODULATION)

129506-004



- NOTES-UNLESS OTHERWISE SPECIFIED:
- 1) SECOND PRESSURE SWITCH (ITEM 17) AND ATTACHED TEE (ITEM 48) USED ONLY ON UNITS WITH LEAD/LAG OPTION.
 - 2) ITEMS 43-47 USED ONLY ON UNITS WITH AIR FILTER INDICATOR.
 - 3) UNITS LESS AIR FILTER INDICATOR - REPLACE ITEM 11 (INLET VALVE) WITH ITEM 49 (PLUG, NOT SHOWN). ITEM 7 (CONNECTOR) QUANTITY IS 1.

CONTROL PIPING GROUPS
(ACROSS THE LINE, MODULATION)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
31	1	124364-K02	NUT-HEX, 5/16-18 UNC
32	2	124347-004	FITTING-FEMALE CONNECTOR, 0.25 TUBE X 0.25 NPT
33	2	125025	ORIFICE-LINE FILTER (0.040)
34	1	129731	FILTER-LINE, AUTOMATIC
35	1	123115-05C	LOCKWASHER, 5/16
36	5	123478-K09	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
37	5	110428W025	WASHER-FLAT, 1/4
38	1	144545-02	FITTING-CONNECTOR, STRAIN RELIEF, 0.50
39	1	8052	LOCKNUT-CONDUIT, 0.50
40	1	120496-4	VALVE-SOLENOID, 3-WAY
41	1	125259-002	FITTING-COUPPLING, BRASS, 0.25 X 0.25
42	1	124349-009	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.12 NPT
43**	1	125259-001	FITTING-COUPPLING, BRASS, 0.12 X 0.12
44**	1	21312	INDICATOR-FILTER
45**	2	123115-04C	LOCKWASHER, 0.25
46**	2	124364-J02	NUT-HEX, 1/4-20 UNC
47**	2	123478-J09	SCREW-CAP, 1/4-20 UNC X 0.62, GRADE 5 (@ 6 FT-LBS)
48*	1	124351-004	FITTING-TEE, MALE BRANCH, 0.25 TUBE X 0.25 NPT
49**	1	121160	PLUG-PIPE, 0.125 NPT

COMPONENT MAINTENANCE PARTS

A	1	20775	KIT-DIFFERENTIAL PILOT VALVE (INCLUDES DIAPHRAGM, DIAPHRAGM GASKETS, SEAT GASKET, SEAT DISK, SEAT RING)
B	4	123157-008	O-RING
C	1	129731-050	KIT-LINE FILTER (INCLUDES BOWL SEAL, FILTER ELEMENT, GASKET)
D	1	140406-912	O-RING, VITON

* Quantity may vary depending on options selected. Reference note 1 on drawing for units with lead/lag option.

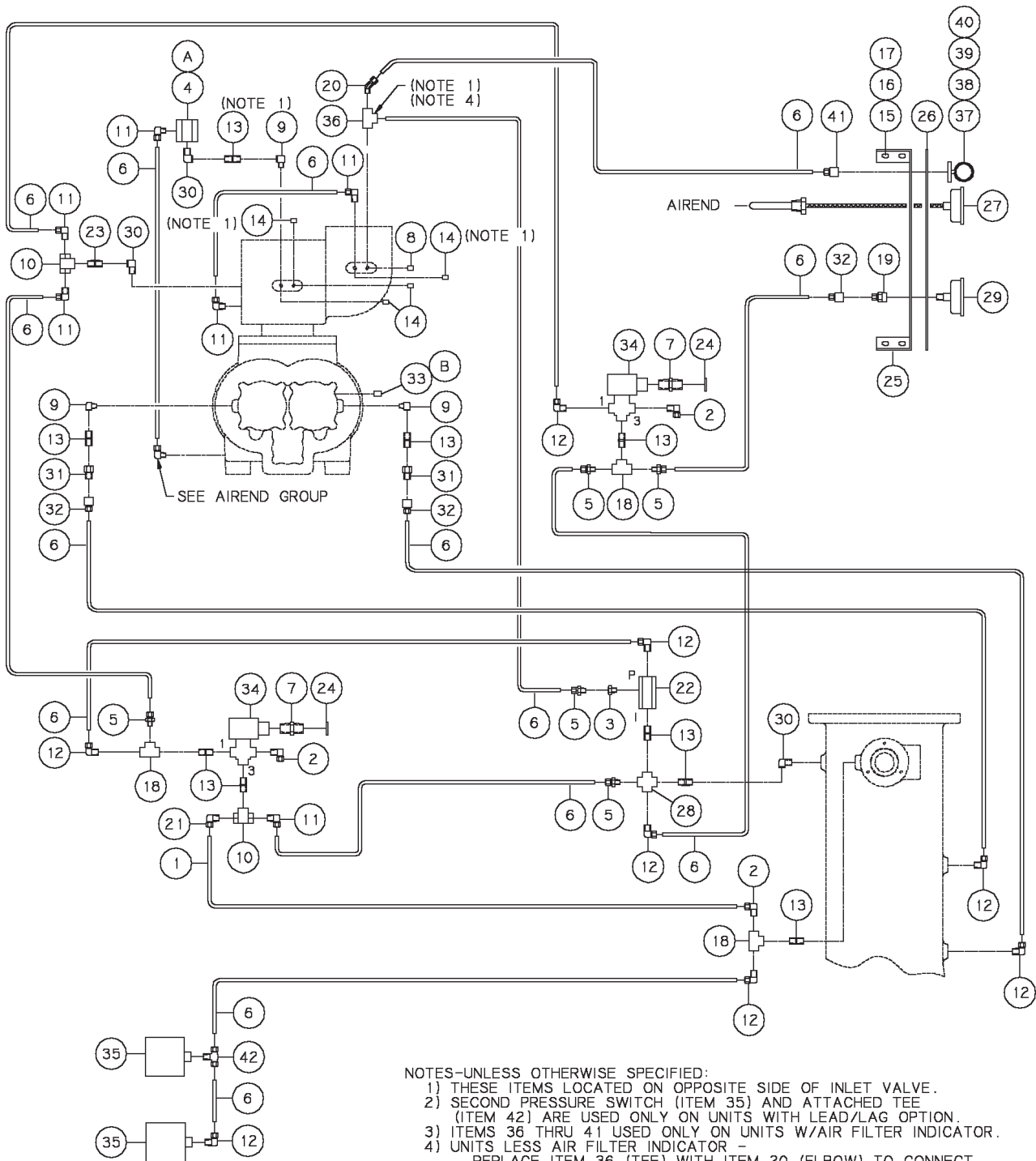
** Refer to notes 2 & 3 on drawing for units less air filter indicator.

@ Indicates torque value in foot pounds (**lubricated threads**).

CONTROL PIPING GROUPS

(WYE-DELTA, LOAD/NO LOAD)

140256-002



CONTROL PIPING GROUPS
(WYE-DELTA, LOAD/NO LOAD)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4.0 FT	124435-004	TUBING-NYLON, 0.38 O.D.
2	3	124349-010	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.25 NPT
3	1	125025-001	ORIFICE-LINE FILTER (0.140)
4	1	122056	VALVE-CHECK
5	5	124393-005	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.25 NPT
6	20.0 FT	124435-003	TUBING-NYLON, 0.25 O.D.
7	2	144545-02	FITTING-CONNECTOR, STRAIN RELIEF, 0.50
8	1	4729	PLUG-PIPE, 0.38 NPT
9	3	122212	ELBOW-PIPE, BRASS, 0.12 NPT X 0.25 NPT
10	2	90084	VALVE-SHUTTLE, 0.125 NPT
11	5	124349-004	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.12 NPT
12	8	124349-005	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.25 NPT
13	9	142125-1	NIPPLE-BRASS, EXTRA STRONG, 0.25 NPT X CLOSE
14	4	121160	PLUG-PIPE, 0.125 NPT
15	4	123478-K09	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
16	4	110428W025	WASHER-FLAT, 0.25
17	4	124370-K02	LOCKNUT, 5/16-18 UNC
18	3	121034-2	TEE-PIPE, BRASS, 0.25 NPT
19	1	125259-002	FITTING-COUPPLING, BRASS, 0.25 X 0.25
20	1	128967-001	FITTING-ELBOW, 45° MALE, 0.25 TUBE X 0.12 NPT
21	1	124349-009	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.12 NPT
22	1	128826	VALVE-BLOWDOWN
23	1	111098-002	NIPPLE-PIPE, BRASS, 0.12 NPT X 0.25 NPT X CLOSE
24	2	8052	LOCKNUT-CONDUIT, 0.50
25	1	140148	PANEL-GAUGE
26	1	140149-1	DECAL-GAUGE PANEL (LESS AIR FILTER INDICATOR)
	1	140149-2	DECAL-GAUGE PANEL (WITH AIR FILTER INDICATOR)
27	1	128664	GAUGE-THERMOMETER
28	1	6150	CROSS-PIPE, BRASS, 0.25 NPT
29	1	128662	GAUGE-PRESSURE (0-300 PSI)
30	3	122636	ELBOW-PIPE, BRASS, 0.25 NPT
31	2	125025	ORIFICE-LINE FILTER (0.040)
32	3	124347-004	FITTING-FEMALE CONNECTOR, 0.25 TUBE X 0.25 NPT
33	1	128883-106	PLUG-PIPE, 1-1/16-12 (SAE O-RING)
34	2	120496-4	VALVE-SOLENOID, 3-WAY
35*	1	22454-1	SWITCH-PRESSURE (70-125 PSI)
	1	8698-011	SWITCH-PRESSURE (150-210 PSI)
36**	1	20201	FITTING-TEE, 0.25 TUBE X 0.12 NPT X 0.12 NPT
37**	1	21312	INDICATOR-FILTER
38**	2	123478-J09	SCREW-CAP, 1/4-20 UNC X 0.62, GRADE 5 (@ 6 FT-LBS)
39**	2	123115-04C	LOCKWASHER, 0.25
40**	2	124364-J02	NUT-HEX, 1/4-20 UNC
41**	1	124347-003	FITTING-CONNECTOR, 0.25 TUBE X 0.12 NPT
42*	1	124351-004	FITTING-TEE, MALE BRANCH, 0.25 TUBE X 0.25 NPT

COMPONENT MAINTENANCE PARTS

A	2	123157-008	O-RING
B	1	140406-912	O-RING, VITON

* Quantity may vary depending on options selected. Reference note 2 on drawing for units with lead/lag option.

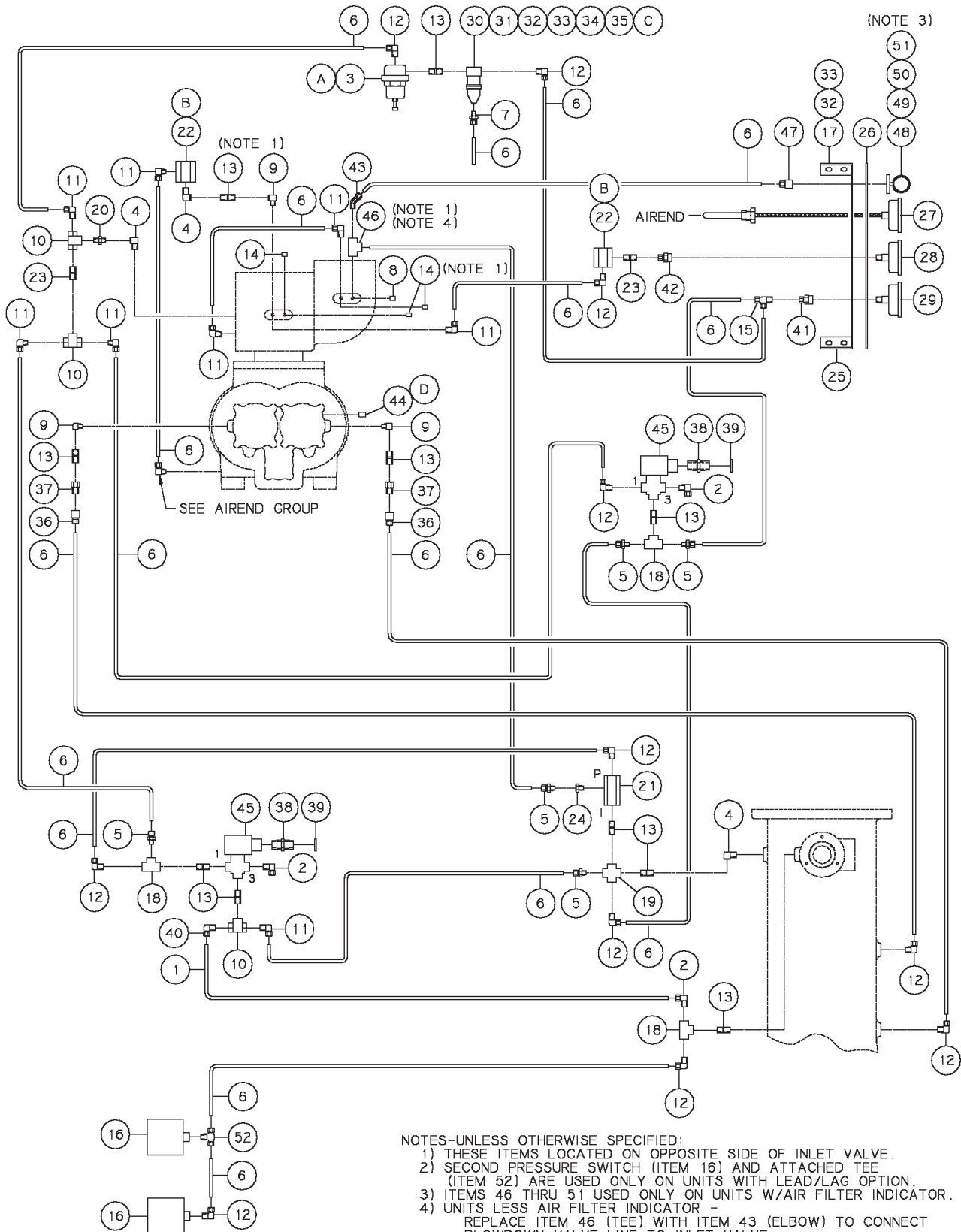
** Refer to notes 3 & 4 on drawing for units less air filter indicator.

@ Indicates torque value in foot pounds (**lubricated threads**).

CONTROL PIPING GROUPS

(WYE-DELTA, MODULATION)

140256-004



CONTROL PIPING GROUPS
(WYE-DELTA, MODULATION)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4.0 FT	124435-004	TUBING-NYLON, 0.38 O.D.
2	3	124349-010	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.25 NPT
3	1	21969-2	VALVE-DIFFERENTIAL PILOT
4	3	122636	ELBOW-PIPE, BRASS, 0.25 NPT
5	5	124393-005	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.25 NPT
6	20.0 FT	124435-003	TUBING-NYLON, 0.25 O.D.
7	1	124393-004	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.12 NPT
8	1	4729	PLUG-PIPE, 0.38 NPT
9	3	122212	ELBOW-PIPE, BRASS, 0.12 NPT X 0.25 NPT
10	3	90084	VALVE-SHUTTLE, 0.125 NPT
11	8	124349-004	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.12 NPT
12	11	124349-005	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.25 NPT
13	10	142125-1	NIPPLE-BRASS, EXTRA STRONG, 0.25 NPT X CLOSE
14	3	121160	PLUG-PIPE, 0.125 NPT
15	1	124348-003	FITTING-TEE, MALE RUN, 0.25 TUBE X 0.25 NPT
16*	1	22454-1	SWITCH-PRESSURE (70-125 PSI)
	1	8698-011	SWITCH-PRESSURE (150-210 PSI)
17	4	124370-K02	LOCKNUT, 5/16-18 UNC
18	3	121034-2	TEE-PIPE, BRASS, 0.25 NPT
19	1	6150	CROSS-PIPE, BRASS, 0.25 NPT
20	1	111098-002	NIPPLE-PIPE, BRASS, 0.12 NPT X 0.25 NPT X CLOSE
21	1	128826	VALVE-BLOWDOWN
22	2	122056	VALVE-CHECK
23	3	142125-13	NIPPLE-BRASS, EXTRA STRONG, 0.12 NPT X CLOSE
24	1	125025-001	ORIFICE-LINE FILTER (0.140)
25	1	140148	PANEL-GAUGE
26	1	140149-5	DECAL-GAUGE PANEL (LESS AIR FILTER INDICATOR)
	1	140149-6	DECAL-GAUGE PANEL (WITH AIR FILTER INDICATOR)
27	1	128664	GAUGE-THERMOMETER
28	1	128663	GAUGE-PERCENT CAPACITY
29	1	128662	GAUGE-PRESSURE (0-300 PSI)
30	1	129731	FILTER-LINE, AUTOMATIC

* Quantity may vary depending on options selected. Reference note 2 on drawing for units with lead/lag option.

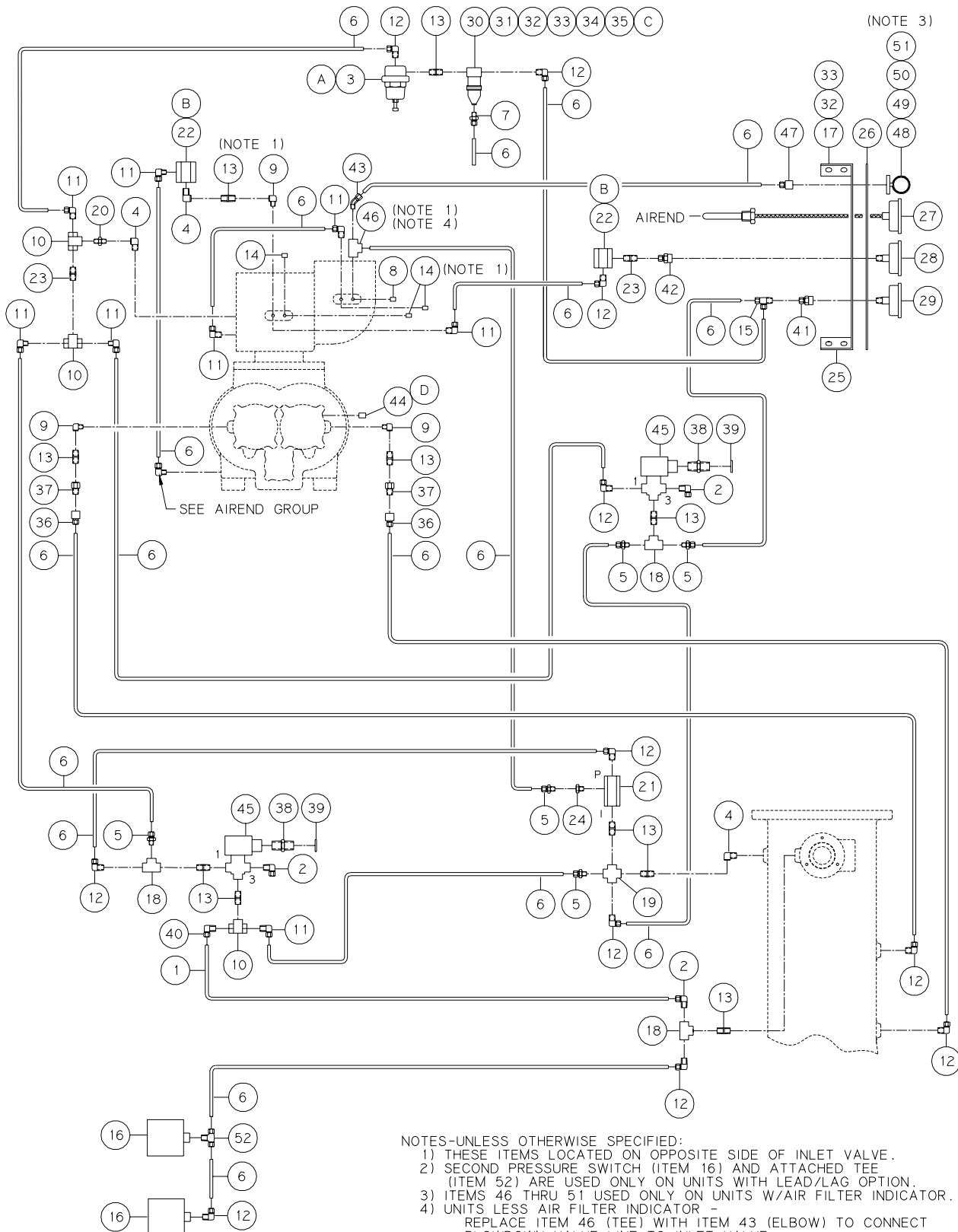
** Refer to notes 3 & 4 on drawing for units less air filter indicator.

@ Indicates torque value in foot pounds (**lubricated threads**).

Items 31 - 52 and the Component Maintenance Parts are on page 33.

CONTROL PIPING GROUPS (WYE-DELTA, MODULATION)

140256-004



CONTROL PIPING GROUPS
(WYE-DELTA, MODULATION)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
31	1	122417-002	BRACKET-LINE FILTER HANGER
32	5	123478-K09	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
33	5	110428W025	WASHER-FLAT, 0.25
34	1	123115-05C	LOCKWASHER, 0.31
35	1	124364-K02	NUT-HEX, 5/16-18 UNC
36	2	124347-004	FITTING-FEMALE CONNECTOR, 0.25 TUBE X 0.25 NPT
37	2	125025	ORIFICE-LINE FILTER (0.040)
38	2	144545-02	FITTING-CONNECTOR, STRAIN RELIEF, 0.50
39	2	8052	LOCKNUT-CONDUIT, 0.50
40	1	124349-009	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.12 NPT
41	1	125259-002	FITTING-COUPLING, BRASS, 0.25 X 0.25
42	1	125260-001	REDUCER-PIPE, BRASS, 1/4 NPT X 1/8 NPT
43	1	128967-001	FITTING-ELBOW, 45° MALE, 0.25 TUBE X 0.12 NPT
44	1	128883-106	PLUG-PIPE, 1-1/16-12 (SAE O-RING)
45	2	120496-4	VALVE-SOLENOID, 3-WAY
46**	1	20201	FITTING-TEE, 0.25 TUBE X 0.12 NPT X 0.12 NPT
47**	1	124347-003	FITTING-CONNECTOR, 0.25 TUBE X 0.12 NPT
48**	1	21312	INDICATOR-FILTER
49**	2	123478-J09	SCREW-CAP, 1/4-20 UNC X 0.62, GRADE 5 (@ 6 FT-LBS)
50**	2	123115-04C	LOCKWASHER, 0.25
51**	2	124364-J02	NUT-HEX, 1/4-20 UNC
52*	1	124351-004	FITTING-TEE, MALE BRANCH, 0.25 TUBE X 0.25 NPT

COMPONENT MAINTENANCE PARTS

A	1	20775	KIT-DIFFERENTIAL PILOT VALVE (INCLUDES DIAPHRAGM, DIAPHRAGM GASKETS, SEAT GASKET, SEAT DISK, SEAT RING)
B	4	123157-008	O-RING
C	1	129731-050	KIT-LINE FILTER (INCLUDES BOWL SEAL, FILTER ELEMENT, GASKET)
D	1	140406-912	O-RING, VITON

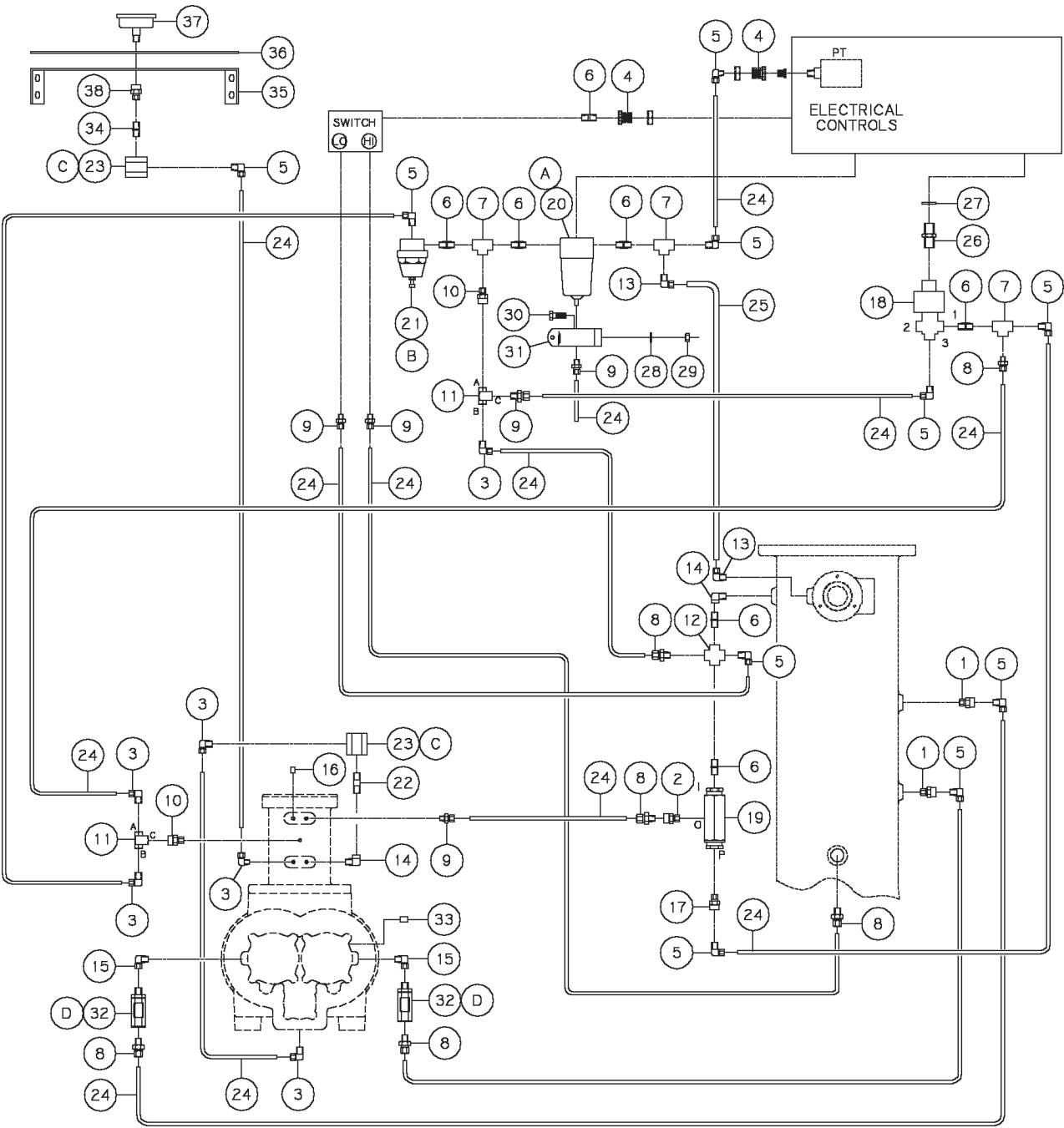
* Quantity may vary depending on options selected. Reference note 2 on drawing for units with lead/lag option.

** Refer to notes 3 & 4 on drawing for units less air filter indicator.

@ Indicates torque value in foot pounds (**lubricated threads**).

CONTROL PIPING GROUPS
(ELECTRONIC CONTROL)

142415-2



CONTROL PIPING GROUPS (ELECTRONIC CONTROL)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	2	125025	ORIFICE-LINE FILTER (0.040)
2	1	125025-001	ORIFICE-LINE FILTER (0.140)
3**	6	124349-004	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.12 NPT
4	2	129203-003	COUPLING-BULKHEAD
5**	10	124349-005	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.25 NPT
6	7	121032-3	NIPPLE-PIPE, BRASS, 0.25 NPT X CLOSE
7	3	121034-2	TEE-PIPE, BRASS, 0.25 NPT
8	6	124393-005	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.25 NPT
9	5	124393-004	FITTING-MALE CONNECTOR, 0.25 TUBE X 0.12 NPT
10	2	111098-002	NIPPLE-PIPE, BRASS, 0.12 NPT X 0.25 NPT X CLOSE
11	2	90084	VALVE-SHUTTLE, 0.125 NPT
12	1	6150	CROSS-PIPE, BRASS, 0.25 NPT
13	2	124349-010	FITTING-ELBOW, 90° MALE, 0.38 TUBE X 0.25 NPT
14	2	122636	ELBOW-PIPE, BRASS, 0.25 NPT
15	2	122212	ELBOW-PIPE, BRASS, 0.12 NPT X 0.25 NPT
16**	3	121160	PLUG-PIPE, 0.125 NPT
17	1	125025-007	ORIFICE-LINE FILTER (0.060)
18	1	120496-4	VALVE-SOLENOID, 3-WAY
19	1	128826	VALVE-BLOWDOWN
20	1	129731	FILTER-LINE, AUTOMATIC
21	1	21969-3	VALVE-DIFFERENTIAL PILOT (<i>across the line</i>)
	1	21969-2	VALVE-DIFFERENTIAL PILOT (<i>wye-delta</i>)
22	1	142125-2	NIPPLE-BRASS, EXTRA STRONG, 0.25 NPT X 1.25
23	2	122056	VALVE-CHECK
24**	37.0 FT	140620-003	TUBING-NYLON, BLACK, 0.25 O.D.
25	5.0 FT	140620-004	TUBING-NYLON, BLACK, 0.38 O.D.
26	1	144545-02	FITTING-CONNECTOR, STRAIN RELIEF, 0.50
27	1	8052	LOCKNUT-CONDUIT, 0.50
28	1	110428W038	WASHER-FLAT, 0.38
29	1	124370-L02	LOCKNUT, 3/8-16 UNC
30	1	123478-L12	SCREW-CAP, 3/8-16 UNC X 1.00, GRADE 5 (@ 23 FT-LBS)
31	1	122417	BRACKET-LINE FILTER HANGER
32	2	129545	GAUGE-SIGHT FLOW
33	1	2721	PLUG-PIPE, 0.50 NPT
34*	1	142125-13	NIPPLE-BRASS, EXTRA STRONG, 0.12 NPT X CLOSE
35*	1	140148	PANEL-GAUGE
36*	1	140149-7	DECAL-GAUGE PANEL
37*	1	128663	GAUGE-PERCENT CAPACITY
38*	1	125260-001	REDUCER-PIPE, BRASS, 0.25 NPT X 0.12 NPT

COMPONENT MAINTENANCE PARTS

A	1	129731-050	KIT-LINE FILTER (<i>includes bowl seal, filter element, gasket</i>)
B	1	20775	KIT-DIFFERENTIAL PILOT VALVE (<i>includes diaphragm, diaphragm gaskets, seat gasket, seat disk, seat ring</i>)
C	4	123157-008	O-RING
D	2	129545-050	KIT-FLOW GAUGE (<i>includes sightglass, viton seals</i>)

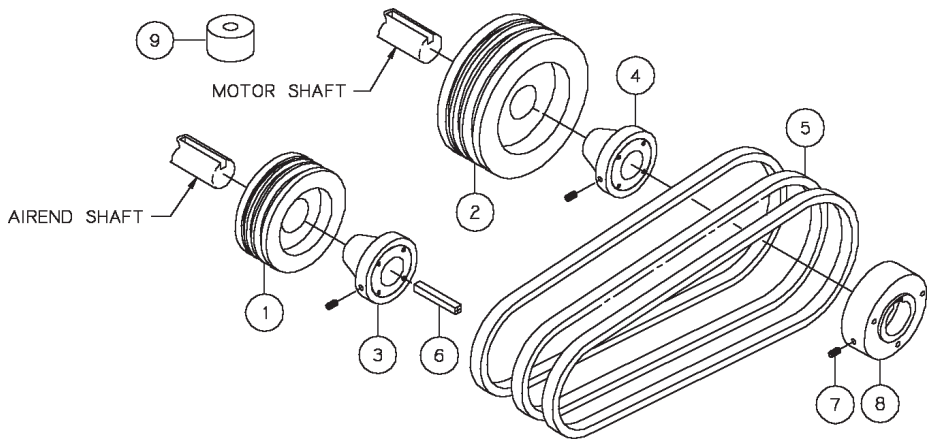
* Items 34-38 not used on units less capacity gauge.

** Quantities of these items will be different on units less capacity gauge.

@ Indicates torque value in foot pounds (**lubricated threads**).

DRIVE GROUPS (15 HP)
(AIR-COOLED/WATER-COOLED, LESS CABINET)

144071-1

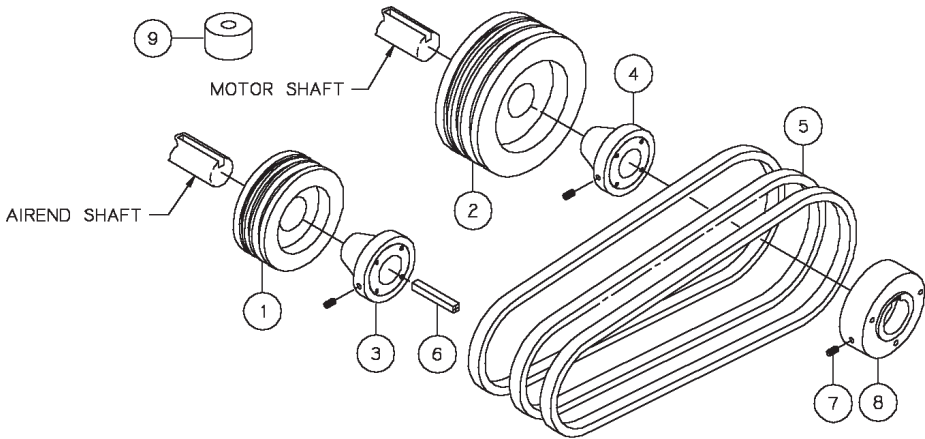


NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEMS 7 & 8 USED ON AIR-COOLED UNITS ONLY.
2) ITEM 9 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	125149	SHEAVE-4 GROOVE, 6.50 O.D. (100 PSI)
	1	122588	SHEAVE-4 GROOVE, 8.00 O.D. (125 & 150 PSI)
2	1	125147	SHEAVE-4 GROOVE, 4.75 O.D.
3	1	121175	BUSHING-SHEAVE
4	1	125150	BUSHING-SHEAVE
5	1	128085-456	BELTS-MATCHED SET (100 PSI)
	1	128085-460	BELTS-MATCHED SET (125 & 150 PSI)
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	125301	HUB-FAN
9		(NOT USED)	SPACER-MOTOR

DRIVE GROUPS (20 HP)
(AIR-COOLED/WATER-COOLED, LESS CABINET)

144071-1



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEMS 7 & 8 USED ON AIR-COOLED UNITS ONLY.
2) ITEM 9 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	(BELOW)	SHEAVE-4 GROOVE
2	1	125148	SHEAVE-4 GROOVE, 5.60 O.D. (ALL 60 Hz/50 Hz, 100 PSI)
	1	125149	SHEAVE-4 GROOVE, 6.50 O.D. (50 Hz, 125 PSI)
3	1	121175	BUSHING-SHEAVE (60 Hz)
	1	124714	BUSHING-SHEAVE (50 Hz)
4	1	125150	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 100 PSI)
	1	122474	BUSHING-SHEAVE (50 Hz, 125 PSI)
5	1	128085-456	BELTS-MATCHED SET (100 PSI)
	1	128085-460	BELTS-MATCHED SET (125 & 150 PSI)
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	(BELOW)	HUB-FAN
9		(NOT USED)	SPACER-MOTOR

ITEM 1 **AIREND SHEAVE**

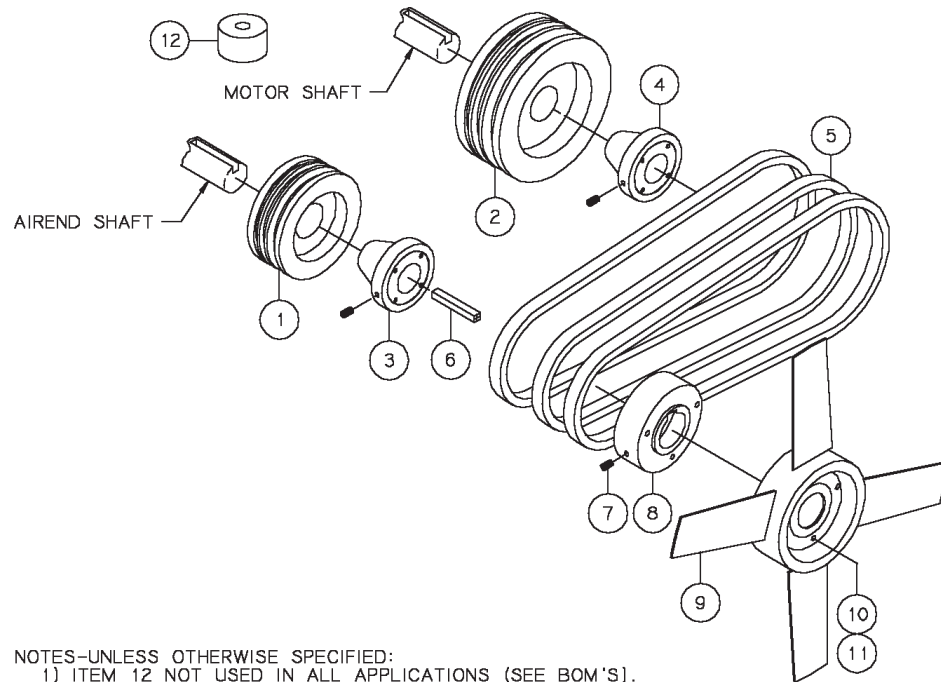
PSI	QTY.	60 Hz	50 Hz
100	1	121582	129901-008
125	1	121583	125149
150	1	122588	N/A

ITEM 8 **FAN HUB**

PSI	QTY.	60 Hz	50 Hz
100	1	125301	128778-3
125	1	125301	128778-2
150	1	125301	N/A

DRIVE GROUPS (20 HP)
(WATER-COOLED, WITH CABINET)

144071-2



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 12 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

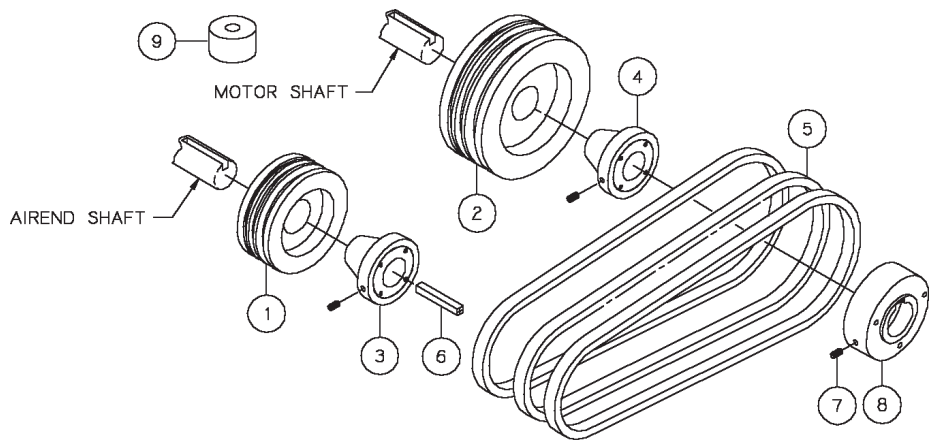
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	(BELOW)	SHEAVE-4 GROOVE
2	1	125148	SHEAVE-4 GROOVE, 5.60 O.D.
3	1	121175	BUSHING-SHEAVE
4	1	125150	BUSHING-SHEAVE
5	1	128085-456	BELTS-MATCHED SET (100 PSI)
	1	128085-460	BELTS-MATCHED SET (125 & 150 PSI)
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	129182	HUB-FAN
9	1	129183-001	FAN-4 BLADE, 10.00 O.D.
10	4	127984-J12	SCREW-CAP, 1/4-20 UNC X 1.00, GRADE 5 (@ 6 FT-LBS)
11	4	110428W031	WASHER-FLAT, 0.31
12		(NOT USED)	SPACER-MOTOR

ITEM 1 **AIREND SHEAVE**

PSI	QTY.	60 Hz
100	1	121582
125	1	121583
150	1	122588

DRIVE GROUPS (25 HP)
(AIR-COOLED/WATER-COOLED, LESS CABINET)

144071-1



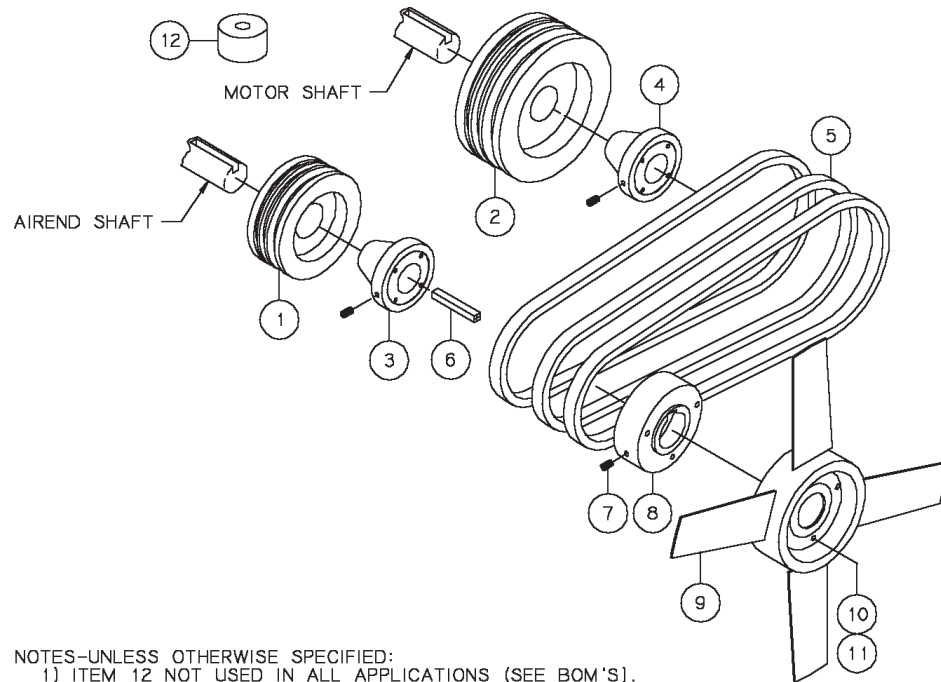
NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEMS 7 & 8 USED ON AIR-COOLED UNITS ONLY.
2) ITEM 9 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	(BELOW)	SHEAVE-4 GROOVE
2	1	122588	SHEAVE-4 GROOVE, 8.00 O.D. (ALL 60 Hz/50 Hz, 100 & 125 PSI)
	1	121582	SHEAVE-4 GROOVE, 6.00 O.D. (50 Hz, 150 PSI)
3	1	121175	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 100 PSI)
	1	124714	BUSHING-SHEAVE (50 Hz, 125 & 150 PSI)
4	1	121178	BUSHING-SHEAVE
5	1	(PAGE 41)	BELTS-MATCHED SET
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	125301-3	HUB-FAN (60 Hz)
	1	128778-2	HUB-FAN (50 Hz)
9	4	129059-3	SPACER-MOTOR (50 Hz, 100 & 150 PSI ONLY)

ITEM 1		AIREND SHEAVE	
PSI	QTY.	60 Hz	50 Hz
100	1	125149	121582
125	1	121583	125148
150	1	122588	129901-008

DRIVE GROUPS (25 HP)
(WATER-COOLED, WITH CABINET)

144071-2



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 12 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

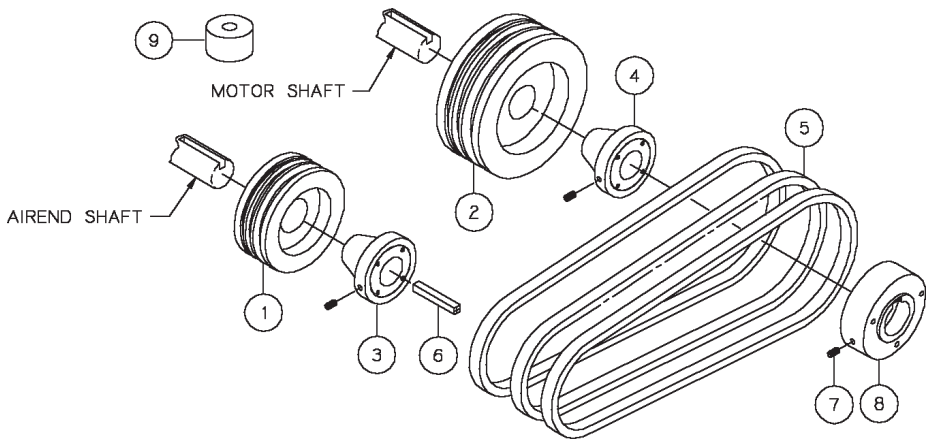
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	(PAGE 40)	SHEAVE-4 GROOVE
2	1	122588	SHEAVE-4 GROOVE, 8.00 O.D. (ALL 60 Hz/50 Hz, 100 & 125 PSI)
	1	121582	SHEAVE-4 GROOVE, 6.00 O.D. (50 Hz, 150 PSI)
3	1	121175	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 100 PSI)
	1	124714	BUSHING-SHEAVE (50 Hz, 125 & 150 PSI)
4	1	121178	BUSHING-SHEAVE
5	1	(BELOW)	BELTS-MATCHED SET
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	129182	HUB-FAN
9	1	129183-001	FAN-4 BLADE, 10.00 O.D.
10	4	127984-J14	SCREW-CAP, 1/4-20 UNC X 1.25, GRADE 5 (@ 6 FT-LBS)
11	4	110428W031	WASHER-FLAT, 0.31
12	4	129059-3	SPACER-MOTOR (50 Hz, 100 & 150 PSI ONLY)

ITEM 5 **MATCHED BELT SET**

PSI	QTY.	60 Hz	50 Hz
100	1	128085-463	128085-463
125	1	128085-463	128085-460
150	1	128085-467	128085-456

DRIVE GROUPS (30 HP)
(AIR-COOLED/WATER-COOLED, LESS CABINET)

144071-1



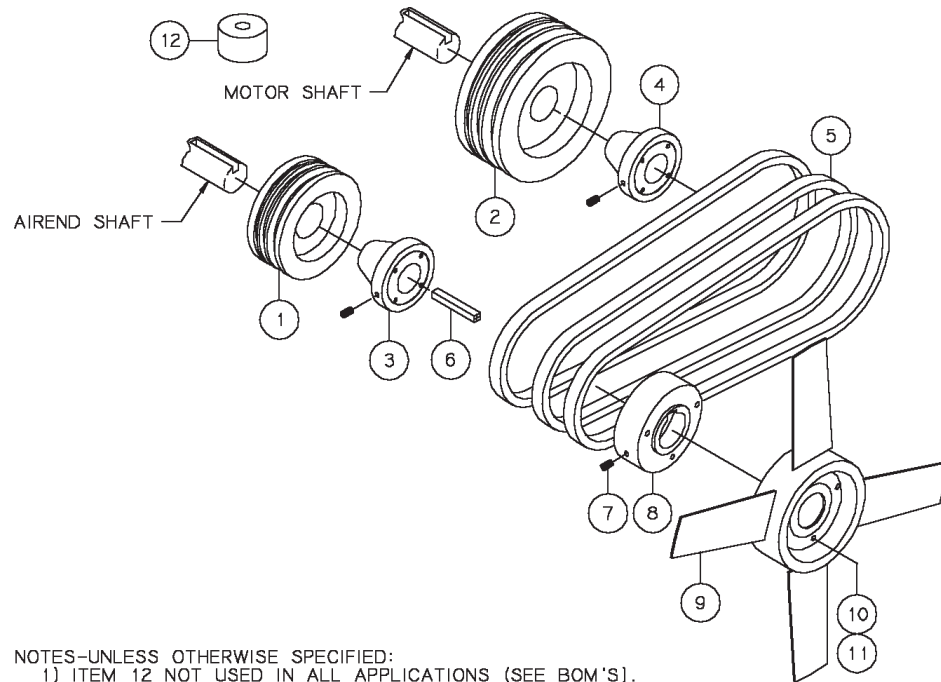
NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEMS 7 & 8 USED ON AIR-COOLED UNITS ONLY.
2) ITEM 9 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	(BELOW)	SHEAVE-5 GROOVE
2	1	121171	SHEAVE-5 GROOVE, 8.00 O.D.
3	1	121175	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 150 PSI)
	1	124714	BUSHING-SHEAVE (50 Hz, 100 PSI)
4	1	121178	BUSHING-SHEAVE
5	1	128085-560	BELTS-MATCHED SET (100 PSI, 50 & 60 Hz/150 PSI, 50 Hz)
	1	128085-563	BELTS-MATCHED SET (125 & 150 PSI, 60 Hz)
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	128778-2	HUB-FAN
9	4	129059-3	SPACER-MOTOR

ITEM 1		AIREND SHEAVE	
PSI	QTY.	60 Hz	50 Hz
100	1	125326	141537-002
125	1	121174	N/A
150	1	121179	141537-003

DRIVE GROUPS (30 HP)
(WATER-COOLED, WITH CABINET)

144071-2

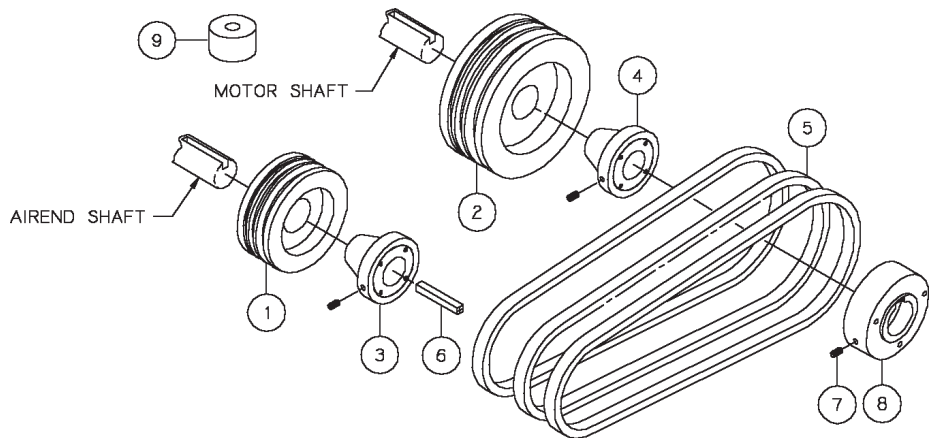


NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 12 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	(PAGE 42)	SHEAVE-5 GROOVE
2	1	121171	SHEAVE-5 GROOVE, 8.00 O.D.
3	1	121175	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 150 PSI)
	1	124714	BUSHING-SHEAVE (50 Hz, 100 PSI)
4	1	121178	BUSHING-SHEAVE
5	1	128085-560	BELTS-MATCHED SET (100 PSI, 50 & 60 Hz/150 PSI, 50 Hz)
	1	128085-563	BELTS-MATCHED SET (125 & 150 PSI, 60 Hz)
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	129182	HUB-FAN (ALL 60 Hz/50 Hz, 150 PSI)
	1	129182-001	HUB-FAN (50 Hz, 100 PSI)
9	1	129183-001	FAN-4 BLADE, 10.00 O.D.
10	4	127984-J14	SCREW-CAP, 1/4-20 UNC X 1.25, GRADE 5 (@ 6 FT-LBS)
11	4	110428W031	WASHER-FLAT, 0.31
12	4	129059-3	SPACER-MOTOR

DRIVE GROUPS (40 HP)
(AIR-COOLED/WATER-COOLED, LESS CABINET)

144071-1



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEMS 7 & 8 USED ON AIR-COOLED UNITS ONLY.
2) ITEM 9 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	(BELOW)	SHEAVE-AIREND
2	1	(BELOW)	SHEAVE-MOTOR
3	1	125878	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 125 & 150 PSI)
		121175	BUSHING-SHEAVE (50 Hz, 100 PSI)
4	1	9212	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 125 & 150 PSI)
	1	9952	BUSHING-SHEAVE (50 Hz, 100 PSI)
5	1	(PAGE 45)	BELT-MATCHED SET
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	128778-1	HUB-FAN (ALL 60 Hz/50 Hz, 150 PSI)
	1	128778-5	HUB-FAN (50 Hz, 100 & 125 PSI)
9		(NOT USED)	SPACER-MOTOR

ITEM 1 **AIREND SHEAVE**

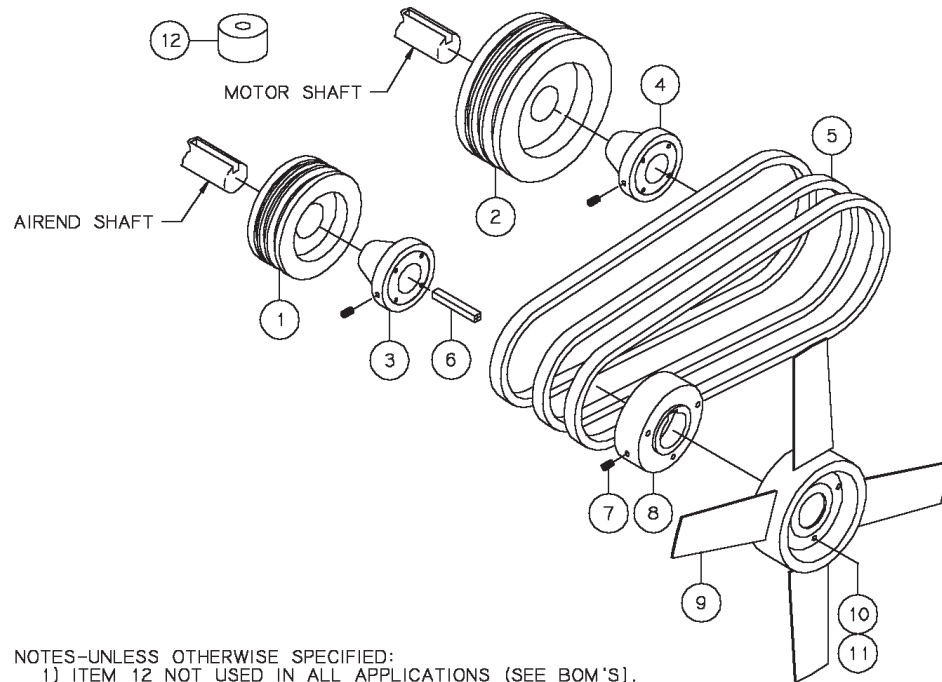
PSI	QTY.	60 Hz	50 Hz
100	1	125881	141537-003
125	1	125882	125882
150	1	125881	125881

ITEM 2 **MOTOR SHEAVE**

PSI	QTY.	60 Hz	50 Hz
100	1	144471-006	141537-004
125	1	144471-004	144471-007
150	1	144471-003	144471-005

DRIVE GROUPS (40 HP)
(WATER-COOLED, WITH CABINET)

144071-2



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 12 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	(PAGE 44)	SHEAVE-AIREND
2	1	(PAGE 44)	SHEAVE-MOTOR
3	1	125878	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 125 & 150 PSI)
		121175	BUSHING-SHEAVE (50 Hz, 100 PSI)
4	1	9212	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 125 & 150 PSI)
	1	9952	BUSHING-SHEAVE (50 Hz, 100 PSI)
5	1	(BELOW)	BELT-MATCHED SET
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	129182	HUB-FAN (100 PSI, 60 Hz/150 PSI, 50 & 60 Hz)
	1	129182-001	HUB-FAN (125 PSI, 60 Hz/100 & 125 PSI, 50 Hz)
9	1	129183-001	FAN-4 BLADE, 10.00 O.D.
10	4	127984-J14	SCREW-CAP, 1/4-20 UNC X 1.25, GRADE 5 (@ 6 FT-LBS)
11	4	110428W031	WASHER-FLAT, 0.31
12		(NOT USED)	SPACER-MOTOR

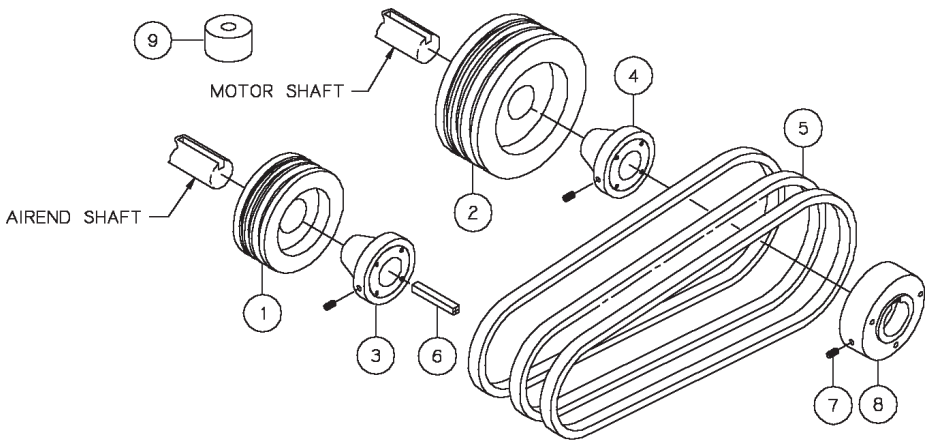
ITEM 5

MATCHED BELT SET

PSI	QTY.	60 Hz	50 Hz
100	1	128770-463	128085-571
125	1	128770-463	128770-463
150	1	128770-460	128770-463

DRIVE GROUPS (50 HP)
(AIR-COOLED/WATER-COOLED, LESS CABINET)

144071-1



NOTES--UNLESS OTHERWISE SPECIFIED:
1) ITEMS 7 & 8 USED ON AIR-COOLED UNITS ONLY.
2) ITEM 9 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

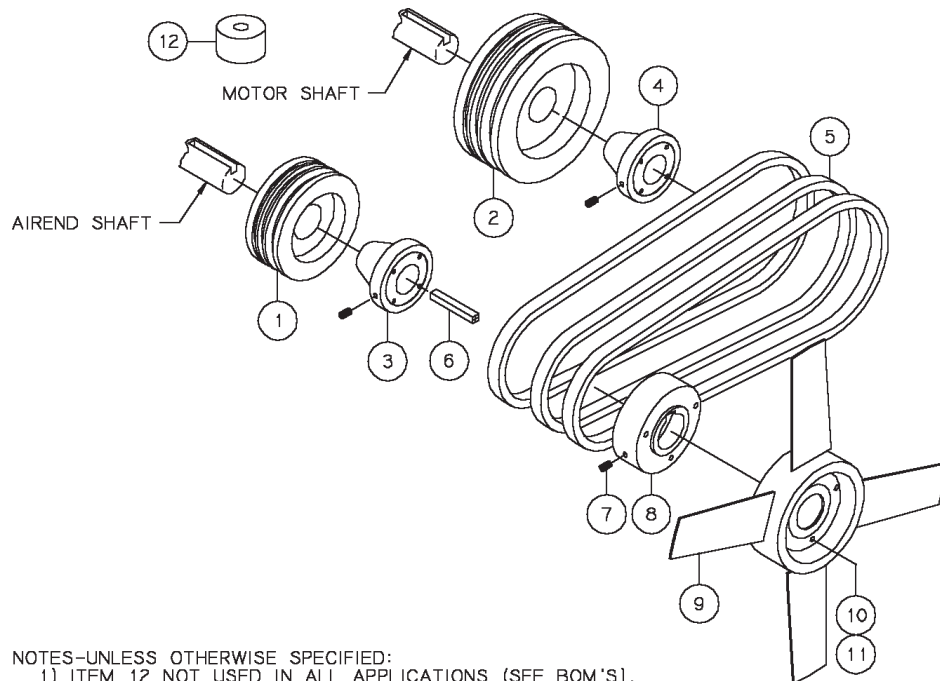
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	(BELOW)	SHEAVE-AIREND
2	1	(BELOW)	SHEAVE-MOTOR
3	1	(PAGE 47)	BUSHING-SHEAVE
4	1	9212	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 125 &150 PSI)
	1	9952	BUSHING-SHEAVE (50 Hz, 100 PSI)
5	1	(PAGE 47)	BELT-MATCHED SET
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	125302	HUB-FAN (60 Hz)
	1	128778-5	HUB-FAN (50 Hz)
9		(NOT USED)	SPACER-MOTOR

ITEM 1		AIREND SHEAVE	
PSI	QTY.	60 Hz	50 Hz
100	1	125883	140266-003
125	1	125883	125881
150	1	144471-002	125883

ITEM 2		MOTOR SHEAVE	
PSI	QTY.	60 Hz	50 Hz
100	1	125890	140266-014
125	1	144471-009	125887
150	1	125890	125887

DRIVE GROUPS (50 HP) (WATER-COOLED, WITH CABINET)

144071-2



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 12 NOT USED IN ALL APPLICATIONS (SEE BOM'S).

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	(PAGE 46)	SHEAVE-AIREND
2	1	(PAGE 46)	SHEAVE-MOTOR
3	1	(BELOW)	BUSHING-SHEAVE
4	1	9212	BUSHING-SHEAVE (ALL 60 Hz/50 Hz, 125 & 150 PSI)
	1	9952	BUSHING-SHEAVE (50 Hz, 100 PSI)
5	1	(BELOW)	BELT-MATCHED SET
6	1	20109	KEY-SQUARE
7	2	2598	SCREW-SET, SOCKET, 3/8-16 UNC X 0.375
8	1	129182-001	HUB-FAN (100 & 125 PSI, 50 & 60 Hz/150 PSI, 50 Hz)
	1	129182	HUB-FAN (150 PSI, 60 Hz)
9	1	129183-001	FAN-4 BLADE, 10.00 O.D.
10	4	127984-J14	SCREW-CAP, 1/4-20 UNC X 1.25, GRADE 5 (@ 6 FT-LBS)
11	4	110428W031	WASHER-FLAT, 0.31
12		(NOT USED)	SPACER-MOTOR

ITEM 3 BUSHING - AIREND SHEAVE

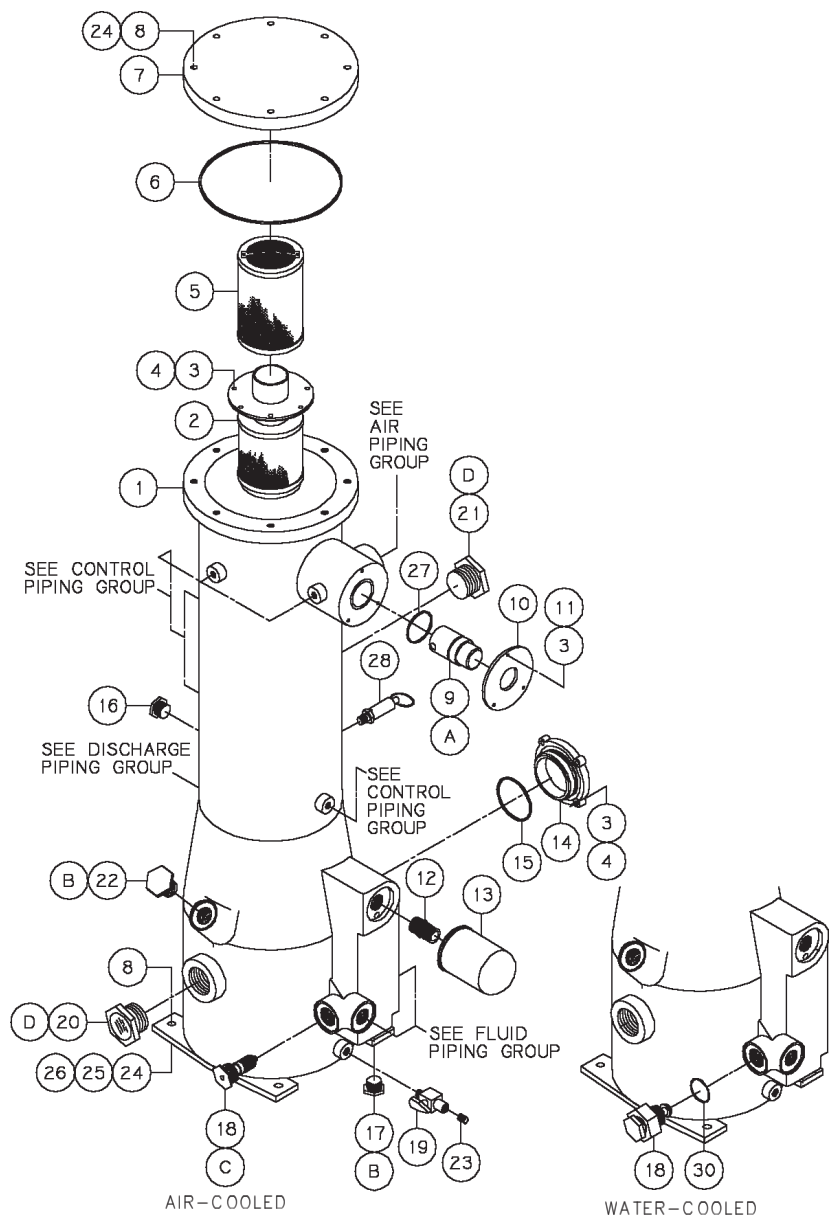
PSI	QTY.	60 Hz	50 Hz
100	1	125878	124714
125	1	125878	125878
150	1	121175	125878

ITEM 5 MATCHED BELT SET

PSI	QTY.	60 Hz	50 Hz
100	1	128770-471	128770-367
125	1	128770-467	128770-467
150	1	128770-471	128770-467

RESERVOIR GROUPS (STANDARD)

141548-1/-3



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 29 (FLUID DRAIN KIT) IS NOT SHOWN AND SHIPPED LOOSE.

RESERVOIR GROUPS (STANDARD)

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
		15-30 HP	40-50 HP
1	1	141518-2	141518-1
2	1	127138-002	←
3	13	123115-04C	←
4	10	123478-J11	←
			RESERVOIR
			SEPARATOR-AIR/FLUID, PRIMARY
			LOCKWASHER, 0.25
			SCREW-CAP, 1/4-20 UNC X 0.88, GRADE 5 (@ 6 FT-LBS)
5	1	127139-001	129893
6	1	123157-373	←
7	1	129915	129918
8	12	123478-N16	←
			SEPARATOR-AIR/FLUID, SECONDARY
			O-RING
			CAP-RESERVOIR
			SCREW-CAP, 1/2-13 UNC X 1.75, GRADE 5 (@ 55 FT-LBS)
9	1	128813-4	128813-2
10	1	140113	140114
11	3	123478-J10	←
			VALVE-CHECK, MINIMUM PRESSURE
			RETAINER-VALVE
			SCREW-CAP, 1/4-20 UNC X 0.75, GRADE 5 (@ 6 FT-LBS)
12	1	129515	←
13	1	128381-050	←
14	1	125567	←
15	1	22749-151	←
16	1	2721	←
17	1	128883-106	←
18	1	140147-2	←
		140649	←
19	1	129251-025	←
20	1	129843-188	←
21	1	129770-188	←
22	1	129844-106	←
23	1	2574	←
24	12	123115-08C	←
25	4	124364-N02	←
26	4	110428W050	←
27	1	22749-030	22749-033
28	1	143555-175	←
29	1	143281-001	←
30	1	22749-123	←
			STUD-FLUID FILTER
			ELEMENT-FLUID FILTER
			CAP-END, DISCHARGE
			O-RING, VITON
			PLUG-PIPE, 0.50 NPT
			PLUG-PIPE, 1-1/16-12 (SAE O-RING)
			VALVE-THERMAL, CARTRIDGE (AIR-COOLED)
			PLUG-THERMAL VALVE (WATER-COOLED)
			VALVE-PLUG
			SIGHTGLASS (SAE O-RING)
			PLUG-PIPE, 1-7/8-12 (SAE O-RING)
			CAP-FILLER (SAE O-RING)
			PLUG-PIPE, 0.25 NPT
			LOCKWASHER, 0.50
			NUT-HEX, 1/2-13 UNC
			WASHER-FLAT, 0.50
			O-RING, VITON
			VALVE-PRESSURE RELIEF
			ASSEMBLY-FLUID DRAIN
			O-RING, VITON (WATER-COOLED ONLY)

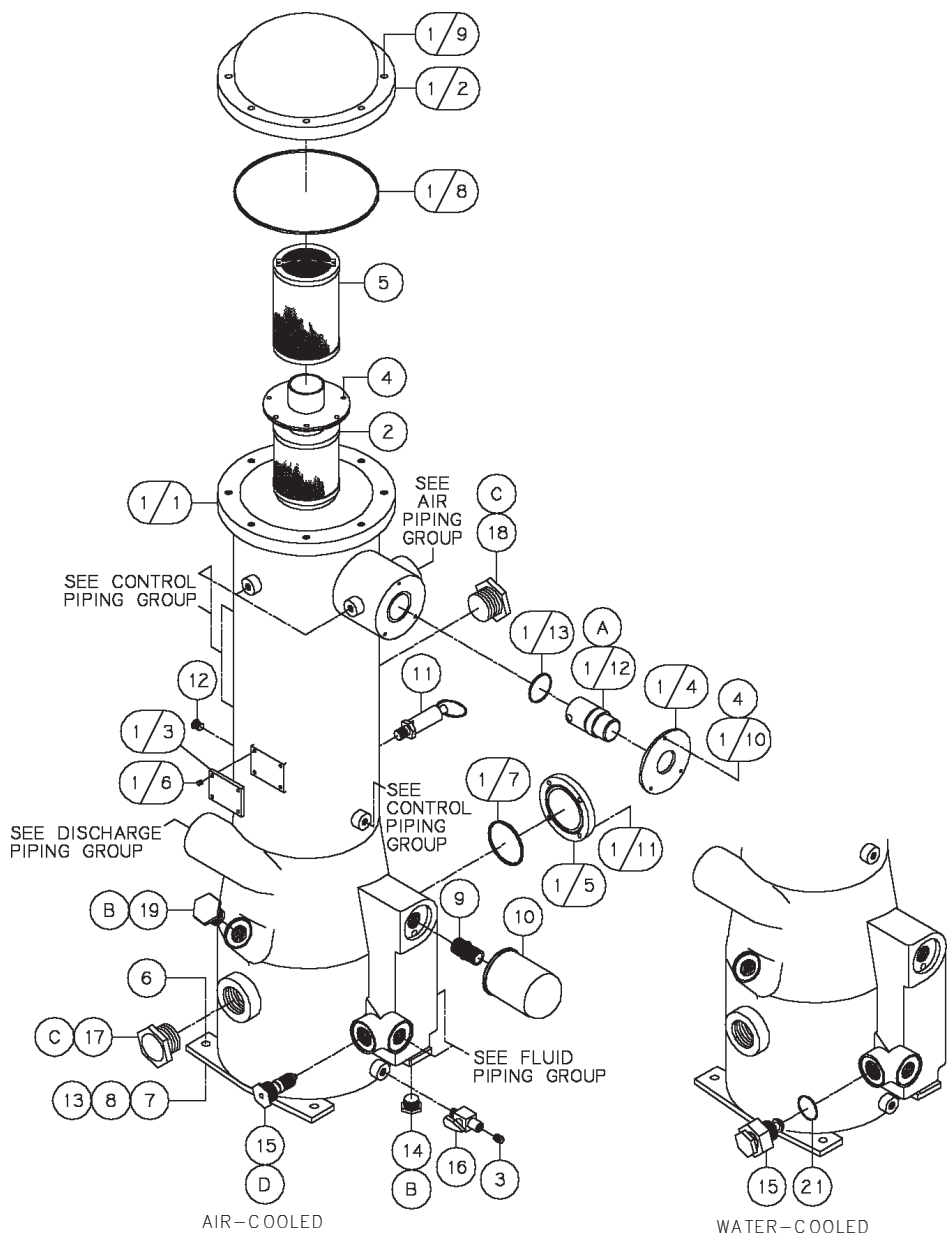
COMPONENT MAINTENANCE PARTS

A	1	128813-054	128813-052	KIT-MINIMUM PRESSURE CHECK VALVE
B	2	140406-912	←	O-RING, VITON
C	1	22749-123	←	O-RING, VITON (AIR-COOLED ONLY)
D	2	140406-924	←	O-RING, VITON

@ Indicates torque value in foot pounds (lubricated threads).

RESERVOIR GROUPS (ASME & CRN)

141268-2/-4



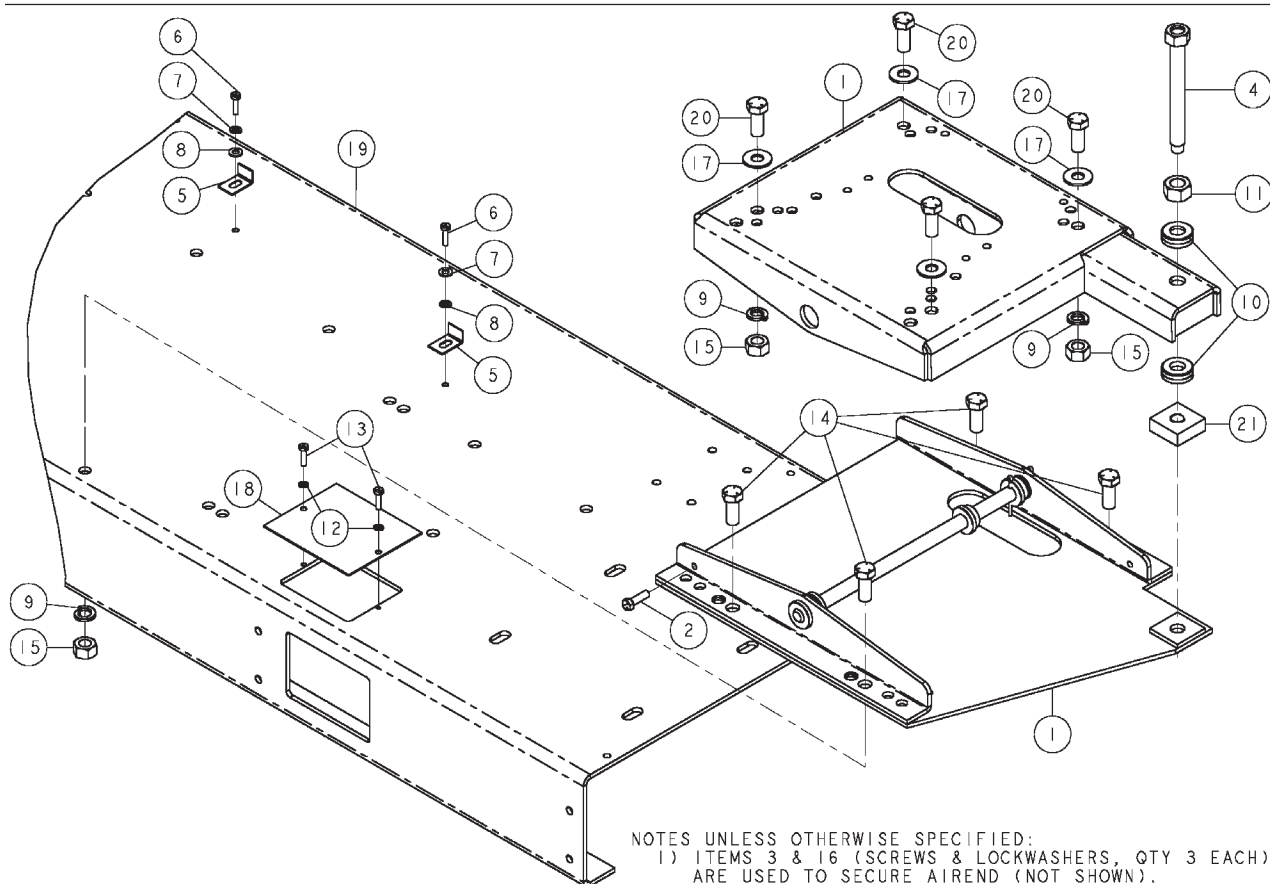
NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 20 (FLUID DRAIN KIT) IS NOT SHOWN AND SHIPPED LOOSE.

RESERVOIR GROUPS (ASME & CRN)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	141299-002	ASSEMBLY-RESERVOIR
1/1	1	141162-1	RESERVOIR
1/2	1	141164	CAP-RESERVOIR
1/3	1	141368	PLATE-DATA, ASME
1/4	1	141260	RETAINER-VALVE
1/5	1	141166	CAP-END, DISCHARGE
1/6	4	4029	PIN-DATA PLATE
1/7	1	22749-236	O-RING, VITON
1/8	1	123157-373	O-RING
1/9	8	141291-N17	SCREW-CAP, 1/2-13 UNC X 2.00, ASME, GRADE 5 (@ 55 FT-LBS)
1/10	3	141291-J10	SCREW-CAP, 1/4-20 UNC X 0.75, ASME, GRADE 5 (@ 6 FT-LBS)
1/11	4	141291-K10	SCREW-CAP, 5/16-18 UNC X 0.75, ASME, GRADE 5 (@ 13 FT-LBS)
1/12	1	128813-2	VALVE-CHECK, MINIMUM PRESSURE
1/13	1	22749-033	O-RING, VITON
2	1	127138-002	SEPARATOR-AIR/FLUID, PRIMARY
3	1	2574	PLUG-PIPE, 0.25 NPT
4	6	141291-J10	SCREW-CAP, 1/4-20 UNC X 0.75, ASME, GRADE 5 (@ 6 FT-LBS)
5	1	129893	SEPARATOR-AIR/FLUID, SECONDARY
6	4	123478-N16	SCREW-CAP, 1/2-13 UNC X 1.75, GRADE 5 (@ 55 FT-LBS)
7	4	110428W050	WASHER-FLAT, 0.50
8	4	123115-08C	LOCKWASHER, 0.50
9	1	129515	STUD-FLUID FILTER
10	1	128381-050	ELEMENT-FLUID FILTER
11	1	143556-175	VALVE-PRESSURE RELIEF
12	1	2721	PLUG-PIPE, 0.50 NPT
13	4	124364-N02	NUT-HEX, 1/2-13 UNC
14	1	128883-106	PLUG-PIPE, 1-1/16-12 (SAE O-RING)
15	1	140147-2	VALVE-THERMAL, CARTRIDGE (AIR-COOLED)
	1	140649	PLUG-THERMAL VALVE (WATER-COOLED)
16	1	129251-025	VALVE-PLUG
17	1	129843-188	SIGHTGLASS (SAE O-RING)
18	1	129770-188	PLUG-PIPE, 1-7/8-12 (SAE O-RING)
19	1	129844-106	CAP-FILLER (SAE O-RING)
20	1	143281-001	ASSEMBLY-FLUID DRAIN
21	1	22749-123	O-RING, VITON (WATER-COOLED ONLY)
COMPONENT MAINTENANCE PARTS			
A	1	128813-052	KIT-MINIMUM PRESSURE CHECK VALVE
B	2	140406-912	O-RING, VITON
C	2	140406-924	O-RING, VITON
D	1	22749-123	O-RING, VITON (AIR-COOLED ONLY)

@ Indicates torque value in foot pounds (*lubricated threads*).

BASE GROUP **144281-002**

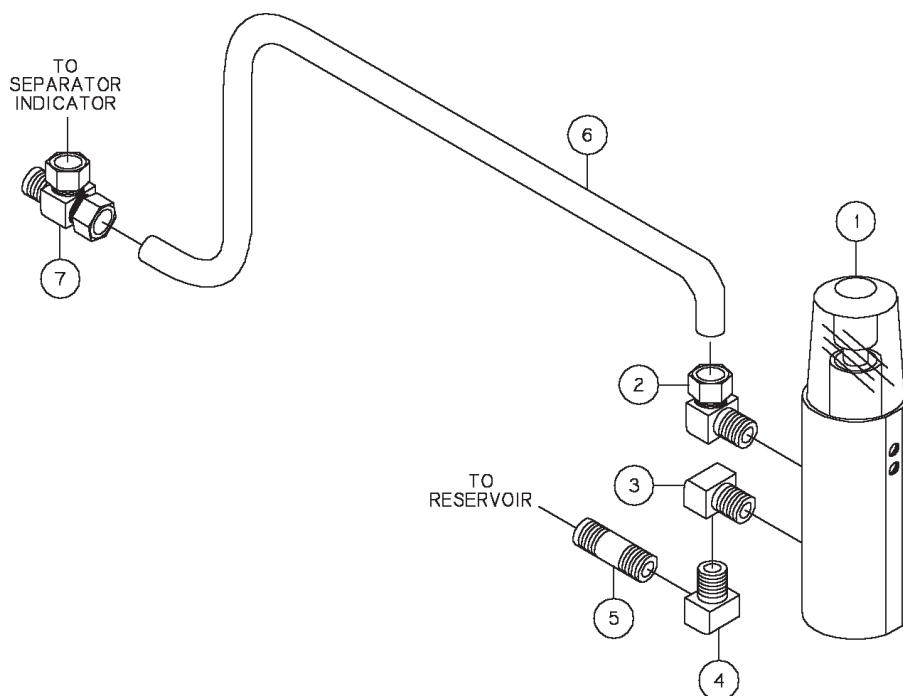


ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	144323	ASSEMBLY-MOTOR BASE, JACKBOLT
2	1	110511-L14	SCREW-TAP, ZINC, 3/8-16 UNC X 1.25
3	3	123115-08C	LOCKWASHER, 0.50
4	1	144277	BOLT-JACK
5	2	125157	CLIP-RETAINING
6	2	123478-K12	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
7	2	123115-05C	LOCKWASHER, 0.31
8	2	110428W031	WASHER-FLAT, 0.31
9	8	123115-10C	LOCKWASHER, 0.625
10	2	142837-6	WASHER-SPHERICAL
11	1	142833-S02	NUT-JAM, ZINC PLATED, 3/4-10 UNC
12	2	123115-04C	LOCKWASHER, 0.25
13	2	123478-J09	SCREW-CAP, 1/4-20 UNC X 0.62, GRADE 5 (@ 6 FT-LBS)
14	4	123478-Q15	SCREW-CAP, 5/8-11 UNC X 1.50, GRADE 5 (@ 110 FT-LBS)
15	8	124364-Q02	NUT-HEX, 5/8-11 UNC
16	3	123478-N15	SCREW-CAP, 1/2-13 UNC X 1.50, GRADE 5 (@ 55 FT-LBS)
17	4	110428W062	WASHER-FLAT, 0.625
18	1	129728	PLATE-COVER, BASE
19	1	140116	BASE
20	4	123478-Q17	SCREW-CAP, 5/8-11 UNC X 2.00, GRADE 5 (@ 110 FT-LBS)
21	1	144276	NUT-DRIVE

@ Indicates torque value in foot pounds (lubricated threads).

SEPARATOR INDICATOR GROUP

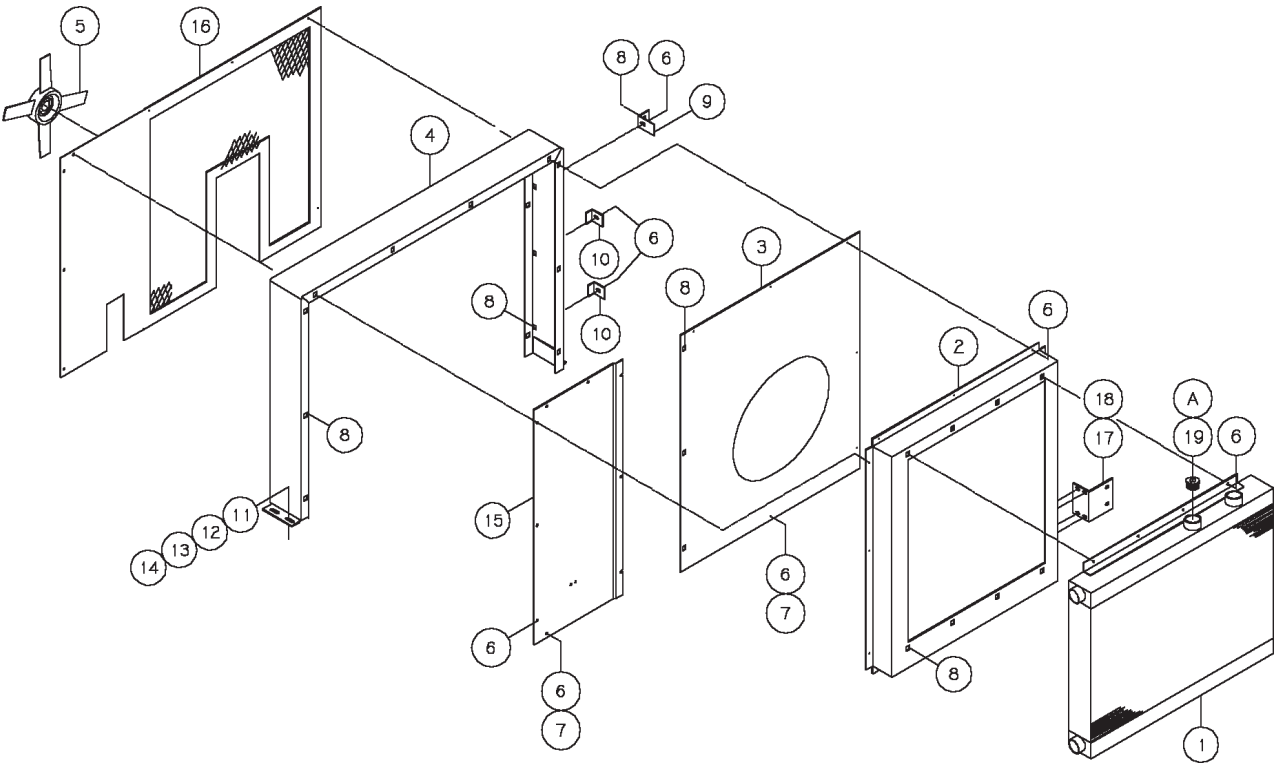
128180-001



ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	23779	INDICATOR-DIFFERENTIAL PRESSURE
2	1	124349-004	FITTING-ELBOW, 90° MALE, 0.25 TUBE X 0.12 NPT
3	1	122212	ELBOW-PIPE, BRASS, 0.12 NPT X 0.25 NPT
4	1	122636	ELBOW-PIPE, BRASS, 0.25 NPT
5	1	125933-010	NIPPLE-PIPE, 0.25 NPT X 2.00
6	1.0 FT	124435-003	TUBING-NYLON, 0.25 O.D.
7	1	124348-003	FITTING-TEE, MALE RUN, 0.25 TUBE X 0.25 NPT

COOLER GROUPS
(AIR-COOLED)

140304-003



NOTES—UNLESS OTHERWISE SPECIFIED:
1) ITEMS 17 THRU 19 ARE USED ONLY ON 50 HP UNITS.

COOLER GROUPS

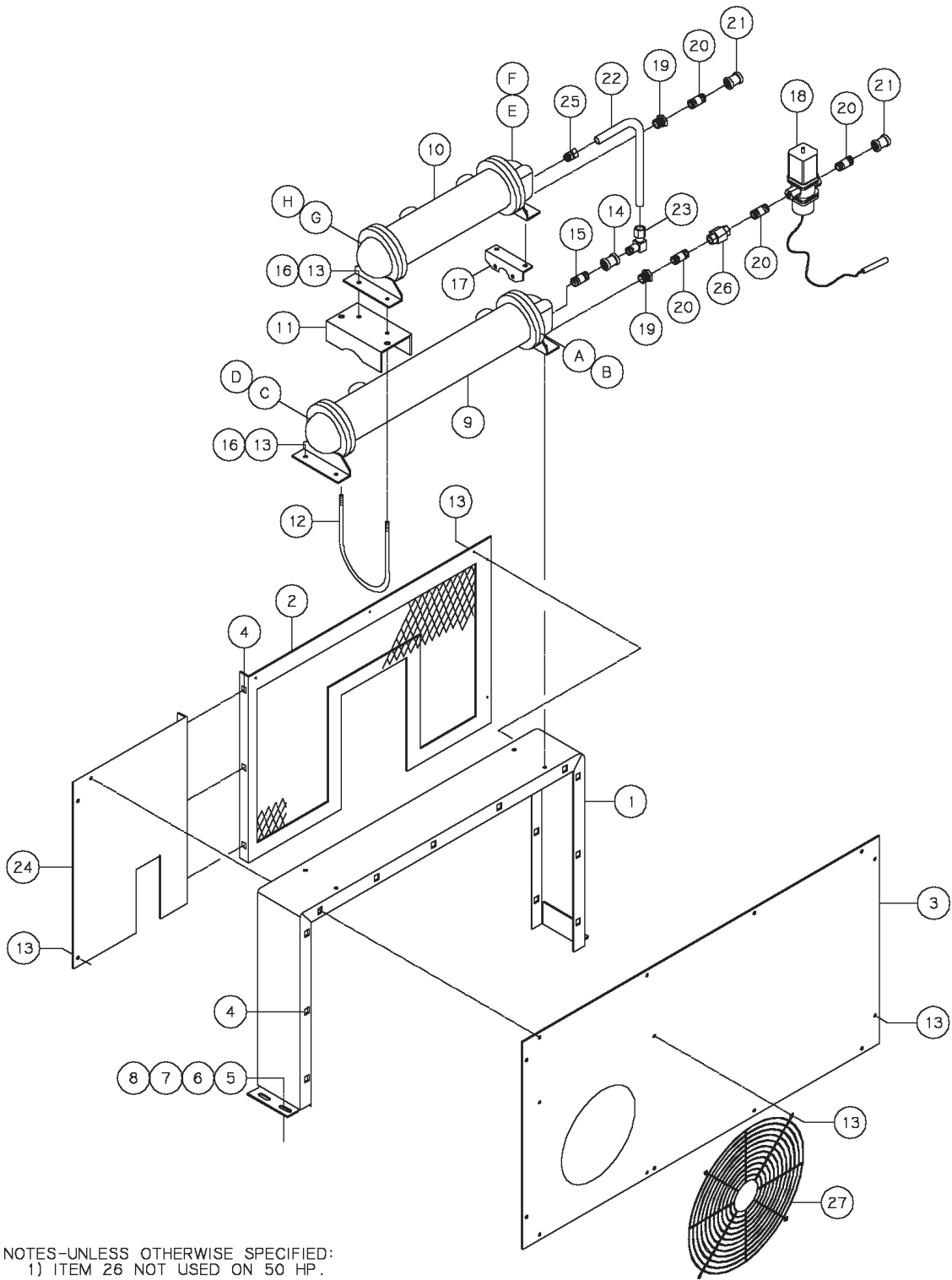
(AIR-COOLED)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION		
60 Hz					
		15-25 HP	30-40 HP	50 HP	
1	1	128790	128785	129067-1	COOLER-COMBINATION
2	1	128789-1	128789	129333-1	FRAME-COOLER
3	1	140115-1	140115-2	140115-3	ORIFICE-FAN
4	1	128775-1	←	←	GUARD-FAN/BELT
5	1	125211	128779-003	125092	FAN
6	36	114629	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
7	4	124364-K02	←	←	NUT-HEX, 5/16-18 UNC
8	31	8452Z	←	←	NUT-SPEED, ZINC, 5/16-18 UNC
9	1	129346	←	←	CLIP-STARTER ENCLOSURE
10	2	129347	←	←	CLIP-BELT GUARD
11	4	123478-L12	←	←	SCREW-CAP, 3/8-16 UNC X 1.00, GRADE 5 (@ 23 FT-LBS)
12	4	123115-06C	←	←	LOCKWASHER, 0.38
13	4	124364-L02	←	←	NUT-HEX, 3/8-16 UNC
14	4	110428W038	←	←	WASHER-FLAT, 0.38
15	1	129023	←	129023-1	PANEL-ACCESS
16	1	129017-1	←	←	GUARD-SCREEN
17	4	N/A	N/A	127984-J12	SCREW-CAP, 1/4-20 UNC X 1.00, GRADE 5 (@ 6 FT-LBS)
18	1	N/A	N/A	129349	BRACKET-AIR PIPING
19	1	N/A	N/A	128883-131	PLUG-PIPE, 1-5/16-12 (SAE O-RING)
50 Hz					
		15-25 HP	30-40 HP	50 HP	
1	1	128785	←	129067-1	COOLER-COMBINATION
2	1	128789	←	129333-1	FRAME-COOLER
3	1	140115-4	140115-2	140115-3	ORIFICE-FAN
4	1	128775-1	←	←	GUARD-FAN/BELT
5	1	126511-050	126511-048	128779-004	FAN
6	36	114629	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
7	4	124364-K02	←	←	NUT-HEX, 5/16-18 UNC
8	33	8452Z	←	←	NUT-SPEED, ZINC, 5/16-18 UNC
9	1	129346	←	←	CLIP-STARTER ENCLOSURE
10	2	129347	←	←	CLIP-BELT GUARD
11	4	123478-L12	←	←	SCREW-CAP, 3/8-16 UNC X 1.00, GRADE 5 (@ 23 FT-LBS)
12	4	123115-06C	←	←	LOCKWASHER, 0.38
13	4	124364-L02	←	←	NUT-HEX, 3/8-16 UNC
14	4	110428W038	←	←	WASHER-FLAT, 0.38
15	1	129023	←	129023-1	PANEL-ACCESS
16	1	129017-1	←	←	GUARD-SCREEN
17	4	N/A	N/A	127984-J12	SCREW-CAP, 1/4-20 UNC X 1.00, GRADE 5 (@ 6 FT-LBS)
18	1	N/A	N/A	129349	BRACKET-AIR PIPING
19	1	N/A	N/A	128883-131	PLUG-PIPE, 1-5/16-12 (SAE O-RING)
COMPONENT MAINTENANCE PARTS					
A	1	N/A	N/A	140406-916	O-RING, VITON

@ Indicates torque value in foot pounds (lubricated threads).

COOLER GROUPS
(WATER-COOLED)

140223



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 26 NOT USED ON 50 HP.

COOLER GROUPS (WATER-COOLED)

ITEM No.	QTY.	PART NUMBER	DESCRIPTION		
		15-25 HP	30-40 HP	50 HP	
1	1	140220	←	←	GUARD-FAN/BELT
2	1	140221	←	←	GUARD-SCREEN
3	1	129096-2	←	←	PANEL-COVER (<i>LESS CABINET</i>)
	1	129096-1	←	←	PANEL-COVER (<i>WITH CABINET</i>)
4	23	8452	←	120686	NUT-SPEED, 5/16-18 UNC
5	4	123478-L12	←	←	SCREW-CAP, 3/8-16 UNC X 1.00, GRADE 5 (@ 23 FT-LBS)
6	4	110428W038	←	←	WASHER-FLAT, 0.38
7	4	123115-06C	←	←	LOCKWASHER, 0.38
8	4	124364-L02	←	←	NUT-HEX, 3/8-16 UNC
9	1	22708-12	22708-1	22708-2	HEAT EXCHANGER-FLUID COOLER
10	1	120454	22709-1	22709-2	HEAT EXCHANGER-AFTERCOOLER
11	1	129127	←	140218	BRACKET-SUPPORT
12	1	23256	←	23731	U-BOLT, 1/2-13 UNC
13	31	114629	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
14	1	6697A	←	←	COUPLING-PIPE, GALVANIZED, 0.75 NPT
15	1	126019-001	←	←	NIPPLE-PIPE, 0.75 NPT X CLOSE
16	8	124364-K02	←	←	NUT-HEX, 5/16-18 UNC
17	1	129136	←	140219	CRADLE-COOLER
18	1	7651	←	←	VALVE-WATER REGULATING
19	2	125868-007	←	125868-012	BUSHING-PIPE
20	4	126018-001	←	←	NIPPLE-PIPE, GALVANIZED, 0.50 NPT X CLOSE
21	2	23976	←	←	COUPLING-PIPE, 0.50 NPT
22	1	121918-076	←	←	TUBE-FORMED, STEEL, 0.75 O.D.
23	1	110419-017	←	←	FITTING-ELBOW, 90° MALE, 0.75 TUBE X 0.75 NPT
24	1	129098-2	←	←	GUARD-SCREEN
25	1	126353-021	←	←	FITTING-MALE CONNECTOR, 0.75 TUBE X 0.75 NPT
26	1	127289-016	←	N/A	UNION-PIPE, 0.50 NPT
27	1	128828	←	←	GUARD-FAN (<i>WITH CABINET ONLY</i>)

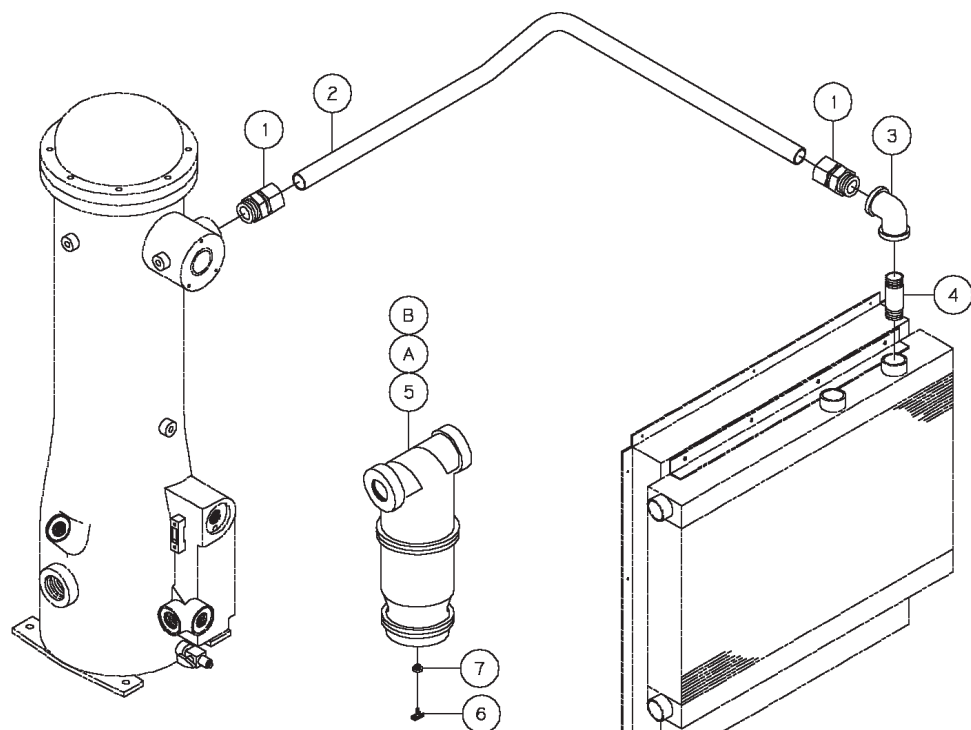
COMPONENT MAINTENANCE PARTS

A	1	22708-115	←	22709-215	BONNET-COOLER, IN/OUT END
B	1	22708-117	←	22709-217	GASKET-COOLER, IN/OUT END
C	1	22708-116	←	22709-216	BONNET-COOLER, RETURN END
D	1	22708-118	←	22709-218	GASKET-COOLER, RETURN END
E	1	22709-115	22709-125	22709-225	BONNET-COOLER, IN/OUT END
F	1	22709-117	22709-127	22709-227	GASKET-COOLER, IN/OUT END
G	1	22709-116	22709-126	22709-226	BONNET-COOLER, RETURN END
H	1	22709-118	22709-128	22709-228	GASKET-COOLER, RETURN END

@ Indicates torque value in foot pounds (*lubricated threads*).

AIR PIPING GROUPS
(AIR-COOLED, 15-40 HP)

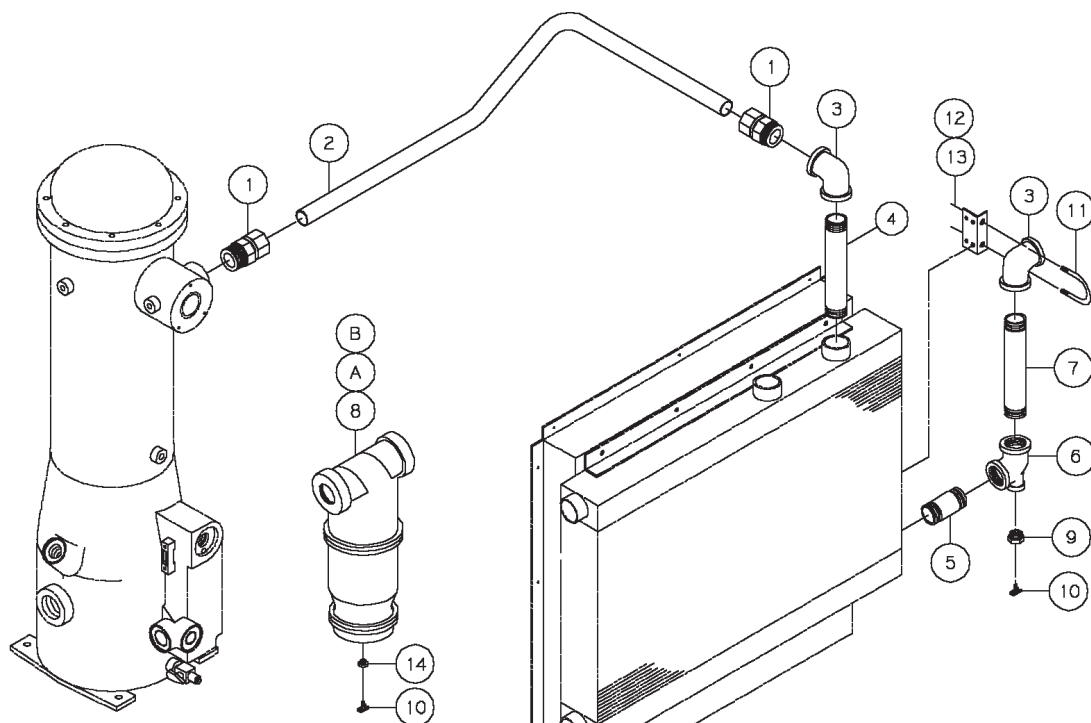
129510



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEMS 5, 6, AND 7 ARE SHIPPED LOOSE.

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	2	23225	FITTING-MALE CONNECTOR, 1.25 TUBE X 1.25 NPT
2	1	140132	TUBE-FORMED, STEEL, 1.25 O.D.
3	1	4715	ELBOW-PIPE, 1.25 NPT
4	1	125938-064	NIPPLE-PIPE, 1.25 NPT X 8.75 (15-25 HP)
	1	125938-042	NIPPLE-PIPE, 1.25 NPT X 6.00 (30-40 HP)
5	1	124827-125	SEPARATOR-MOISTURE
6	1	2713	DRAINCOCK-0.25 NPT
7	1	121033-2	BUSHING-PIPE, BRASS, 0.38 NPT X 0.25 NPT
COMPONENT MAINTENANCE PARTS			
A	1	124827-052	KIT-MOISTURE SEPARATOR (INCLUDES ITEM B)
B	1	124827-051	GASKET-MOISTURE SEPARATOR

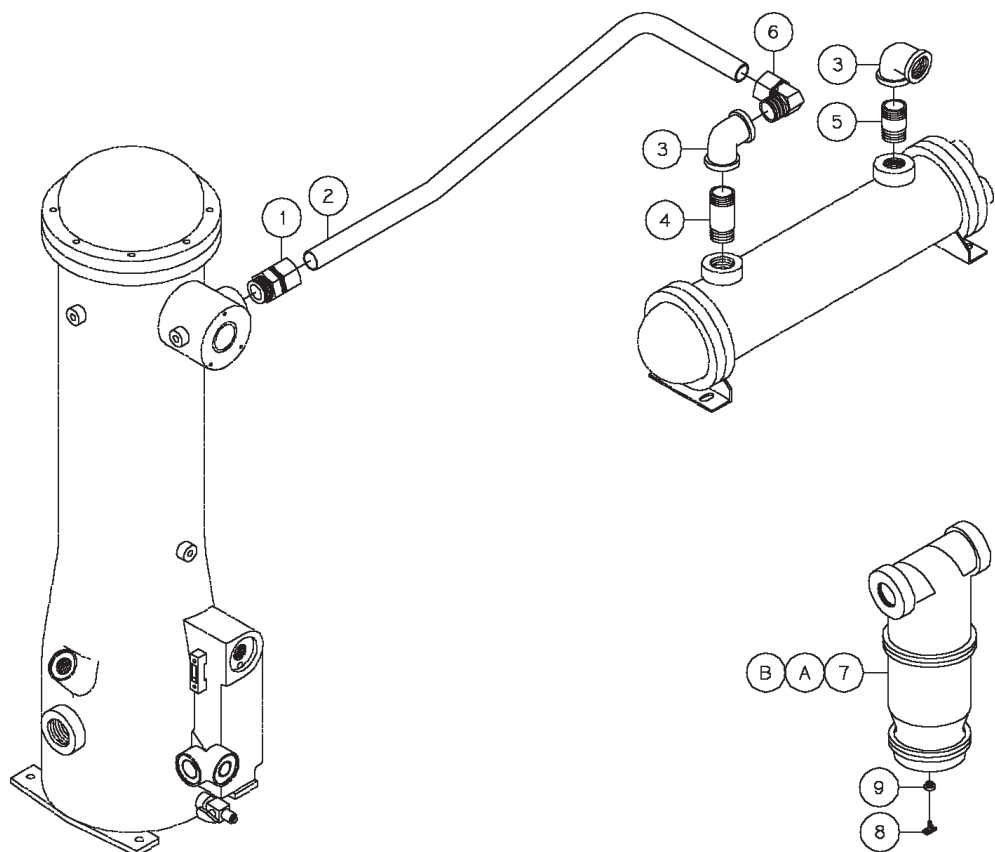
AIR PIPING GROUP (AIR-COOLED, 50 HP)
129510-003



NOTES-UNLESS OTHERWISE SPECIFIED:
 1) ITEMS 8, 10 AND 14 ARE SHIPPED LOOSE.

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	2	23225	FITTING-MALE CONNECTOR, 1.25 TUBE X 1.25 NPT
2	1	129902	TUBE-FORMED, STEEL, 1.25 O.D.
3	2	6181	ELBOW-PIPE, 1.50 NPT X 1.25 NPT
4	1	125939-010	NIPPLE-PIPE, 1.50 NPT X 2.00
5	1	125939-013	NIPPLE-PIPE, 1.50 NPT X 2.38
6	1	124420-001	TEE-PIPE, 1.50 NPT X 0.50 NPT X 1.50 NPT
7	1	125939-074	NIPPLE-PIPE, 1.50 NPT X 10.00
8	1	124827-125	SEPARATOR-MOISTURE
9	1	2951	BUSHING-PIPE, 0.50 NPT X 0.25 NPT
10	2	2713	DRAINCOCK-0.25 NPT
11	1	120806	U-BOLT, 5/16-18 UNC
12	2	110428W031	WASHER-FLAT, 0.31
13	2	123115-05C	LOCKWASHER, 0.31
14	1	121033-2	BUSHING-PIPE, BRASS, 0.38 NPT X 0.25 NPT
COMPONENT MAINTENANCE PARTS			
A	1	124827-052	KIT-MOISTURE SEPARATOR (INCLUDES ITEM B)
B	1	124827-051	GASKET-MOISTURE SEPARATOR

AIR PIPING GROUP (WATER-COOLED, 15-40 HP)
140225-001



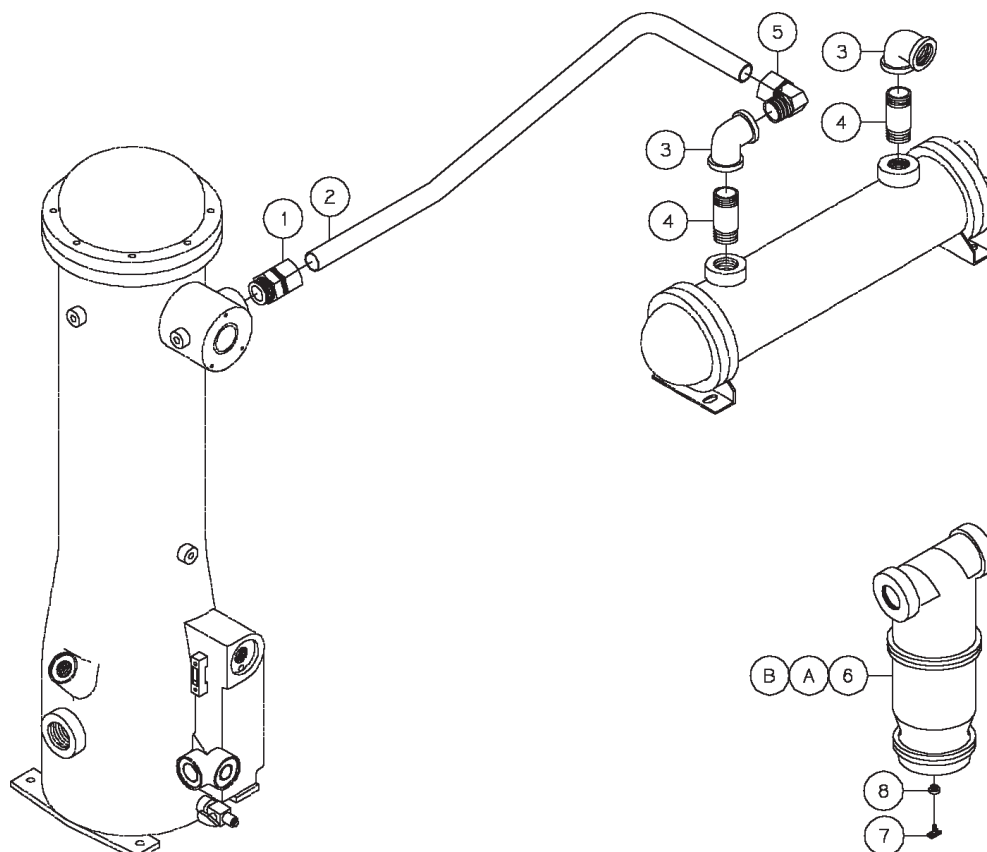
NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEMS 7, 8, AND 9 ARE SHIPPED LOOSE.

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	23225	FITTING-MALE CONNECTOR, 1.25 TUBE X 1.25 NPT
2	1	140213	TUBE-FORMED, STEEL, 1.25 O.D.
3	2	6182	FITTING-ELBOW, 1.25 NPT X 1.00 NPT
4	1	125937-038	NIPPLE-PIPE, 1.00 NPT X 5.50
5	1	6101	NIPPLE-PIPE, 1.00 NPT X CLOSE
6	1	110419-022	FITTING-ELBOW, 90° MALE, 1.25 TUBE X 1.25 NPT
7	1	124827-125	SEPARATOR-MOISTURE
8	1	2713	DRAINCOCK-0.25 NPT
9	1	121033-2	BUSHING-PIPE, BRASS, 0.38 NPT X 0.25 NPT

COMPONENT MAINTENANCE PARTS

A	1	124827-052	KIT-MOISTURE SEPARATOR (INCLUDES ITEM B)
B	1	124827-051	GASKET-MOISTURE SEPARATOR

AIR PIPING GROUP (WATER-COOLED, 50 HP)
140225-002



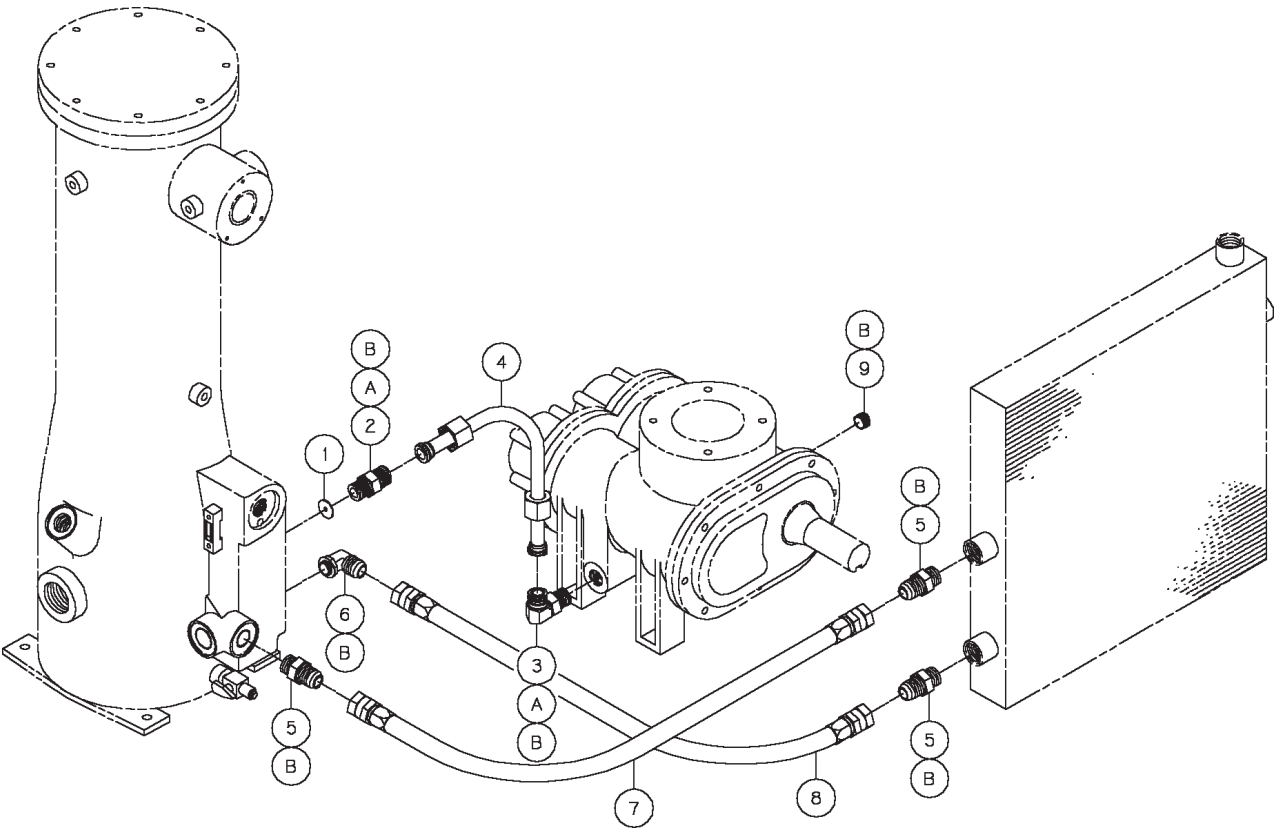
NOTES-UNLESS OTHERWISE SPECIFIED:
 1) ITEMS 6, 7, AND 8 ARE SHIPPED LOOSE.

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	23225	FITTING-MALE CONNECTOR, 1.25 TUBE X 1.25 NPT
2	1	140213	TUBE-FORMED, STEEL, 1.25 O.D.
3	2	6181	ELBOW-PIPE, 1.50 NPT X 1.25 NPT
4	2	125939-001	NIPPLE-PIPE, 1.50 NPT X CLOSE
5	1	110419-022	FITTING-ELBOW, 90° MALE, 1.25 TUBE X 1.25 NPT
6	1	124827-125	SEPARATOR-MOISTURE
7	1	2713	DRAINCOCK-0.25 NPT
8	1	121033-2	BUSHING-PIPE, BRASS, 0.38 NPT X 0.25 NPT

COMPONENT MAINTENANCE PARTS			
A	1	124827-052	KIT-MOISTURE SEPARATOR (INCLUDES ITEM B)
B	1	124827-051	GASKET-MOISTURE SEPARATOR

FLUID PIPING GROUPS
(AIR-COOLED, 15-40 HP)

140726

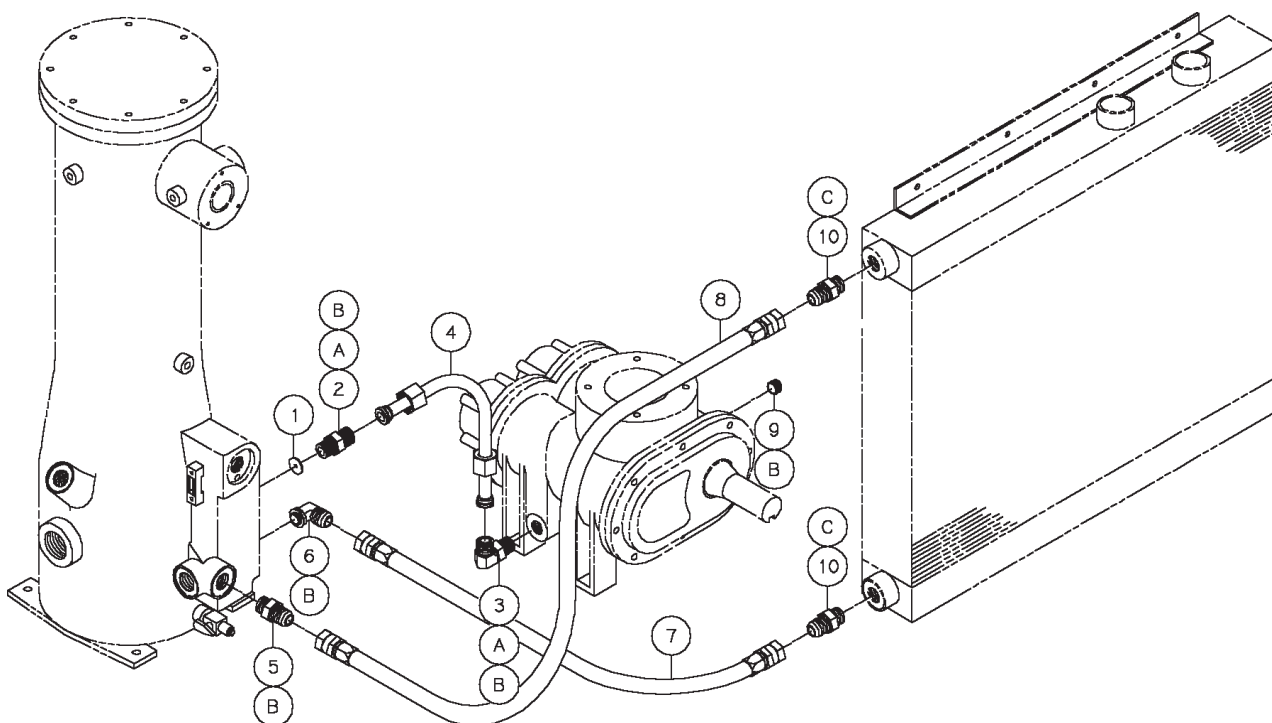


ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	140109-250	DISC-ORIFICE (15, 20, & 40 HP)
	1	140109-312	DISC-ORIFICE (25 & 30 HP)
2	1	140682-016	FITTING-CONNECTOR, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
3	1	140676-014	FITTING-ELBOW, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
4	1	140719-049	ASSEMBLY-TUBE, SEAL-LOK, 0.75 O.D.
5	3	129048-015	FITTING-ADAPTER, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
6	1	129010-015	FITTING-ELBOW, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
7	1	141951-041	ASSEMBLY-HOSE, 0.75 (15, 20, & 25 HP)
	1	141951-040	ASSEMBLY-HOSE, 0.75 (30 & 40 HP)
8	1	141951-039	ASSEMBLY-HOSE, 0.75 (15, 20, & 25 HP)
	1	141951-037	ASSEMBLY-HOSE, 0.75 (30 & 40 HP)
9	1	128883-106	PLUG-PIPE, 1-1/16-12 (SAE O-RING)

COMPONENT MAINTENANCE PARTS

A	2	140675-005	O-RING/FACE SEAL, VITON
B	7	140406-912	O-RING, VITON

FLUID PIPING GROUP (AIR-COOLED, 50 HP)
140727-001



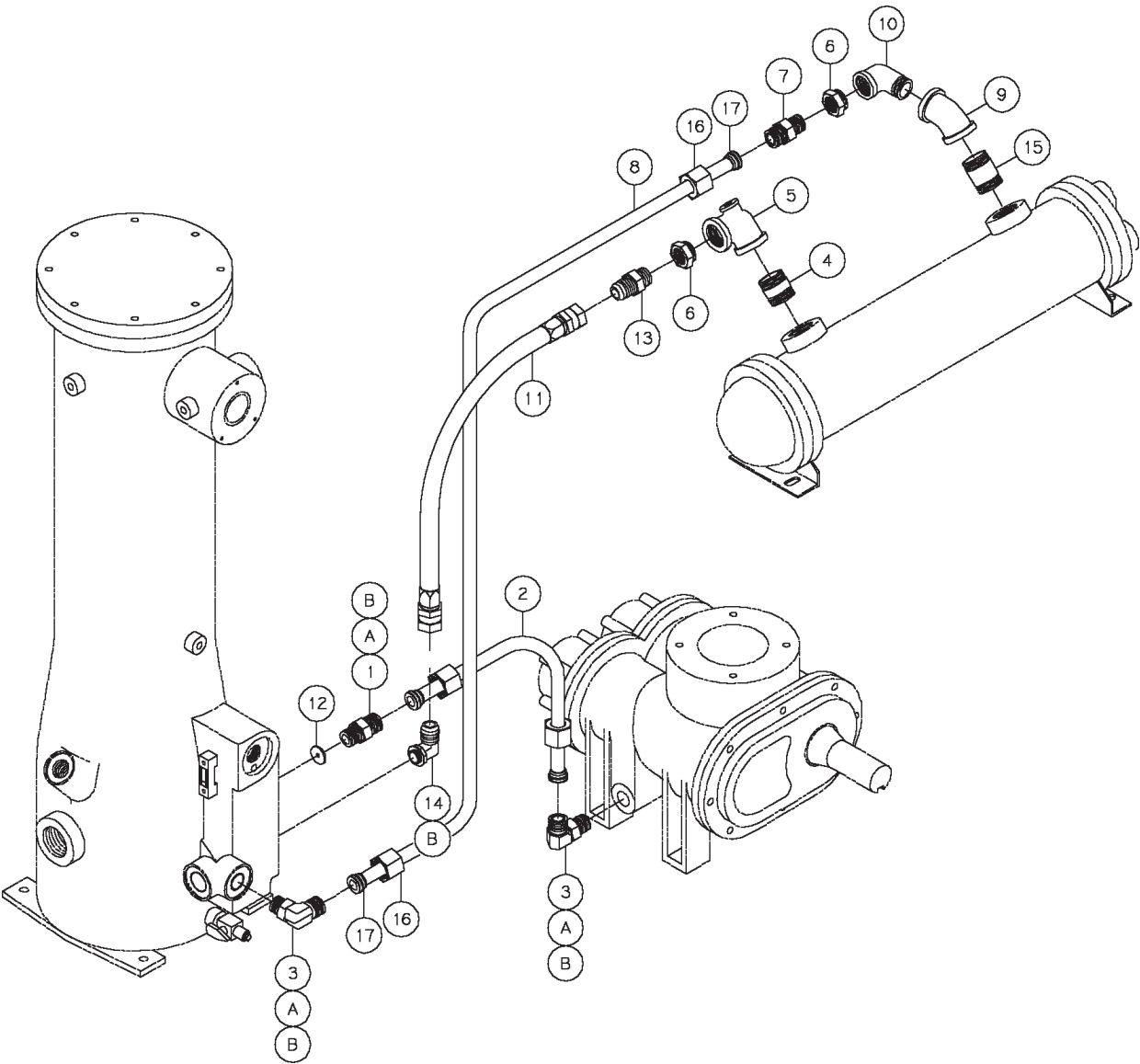
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	140109-312	DISC-ORIFICE
2	1	140682-016	FITTING-CONNECTOR, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
3	1	140676-014	FITTING-ELBOW, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
4	1	140719-049	ASSEMBLY-TUBE, SEAL-LOK, 0.75 O.D.
5	1	129048-015	FITTING-ADAPTER, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
6	1	129010-015	FITTING-ELBOW, 1 1/16-12 X 1-1/16-12 (SAE O-RING)
7	1	141951-026	ASSEMBLY-HOSE, 0.75
8	1	141951-042	ASSEMBLY-HOSE, 0.75
9	1	128883-106	PLUG-PIPE, 1-1/16-12 (SAE O-RING)
10	2	129048-016	FITTING-ADAPTER, 0.75 TUBE X 1-1/16-12 (SAE O-RING)

COMPONENT MAINTENANCE PARTS

A	2	140675-005	O-RING/FACE SEAL, VITON
B	5	140406-912	O-RING, VITON
C	2	140406-916	O-RING, VITON

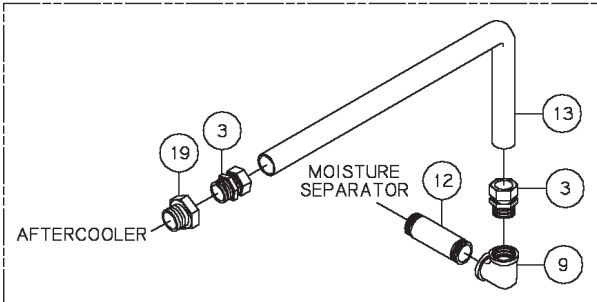
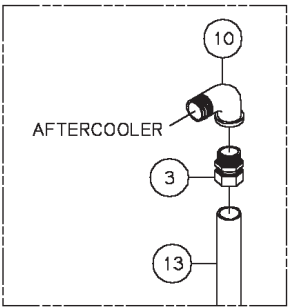
FLUID PIPING GROUPS
(WATER-COOLED)

140725



FLUID PIPING GROUPS
(WATER-COOLED)

ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1	1	140682-016	FITTING-CONNECTOR, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
2	1	140719-049	ASSEMBLY-TUBE, SEAL-LOK, 0.75 O.D.
3	2	140676-014	FITTING-ELBOW, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
4	1	125939-001	NIPPLE-PIPE, 1.50 NPT X CLOSE
5	1	124420-001	TEE-PIPE, 1.50 NPT X 0.50 NPT X 1.50 NPT
6	2	4806	BUSHING-PIPE, 1.50 NPT X 0.75 NPT
7	1	140681-012	FITTING-UNION, 0.75 TUBE X 0.75 NPTF
8	1	140216	TUBE-FORMED, STEEL, 0.75 O.D.
9	1	21214	ELBOW-PIPE, 2.00 NPT X 1.50 NPT X 45°
10	1	4512	ELBOW-PIPE, 1.50 NPT, STREET
11	1	141951-035	ASSEMBLY-HOSE, 0.75
12	1	140109-250	DISC-ORIFICE (15, 20, 40 & 50 HP)
	1	140109-312	DISC-ORIFICE (25 & 30 HP)
13	1	123166-21	FITTING-MALE CONNECTOR, 0.75 TUBE X 0.75 NPT
14	1	129010-015	FITTING-ELBOW, 0.75 TUBE X 1-1/16-12 (SAE O-RING)
15	1	125939-010	NIPPLE-PIPE, 1.50 NPT X 2.00
16	2	140679-005	FITTING-NUT, 0.75 O.D. TUBE
17	2	140680-005	FITTING-SLEEVE, 0.75 TUBE
COMPONENT MAINTENANCE PARTS			
A	3	140675-005	O-RING/FACE SEAL, VITON
B	4	140406-912	O-RING, VITON



RECEIVER GROUPS

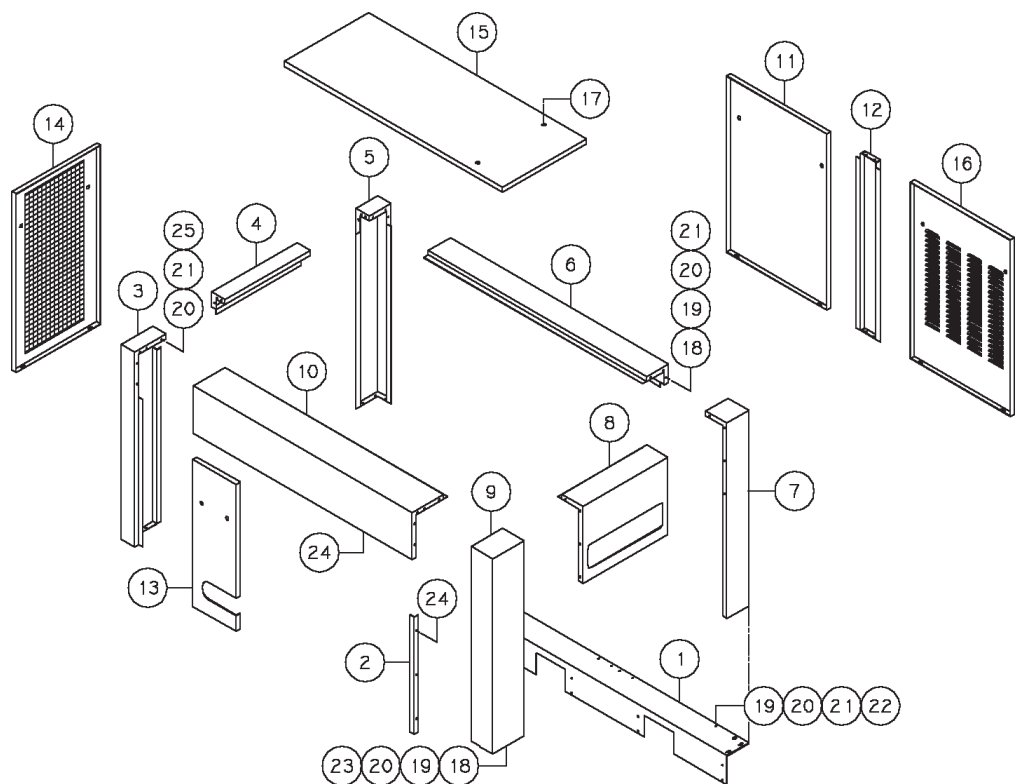
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	128848-200	RECEIVER (120 GALLON)
	1	128899-200	RECEIVER (200 GALLON)
	1	128899-240	RECEIVER (240 GALLON)
2	1	125938-001	NIPPLE-PIPE, 1.25 NPT X CLOSE
3	2	23225	FITTING-MALE CONNECTOR, 1.25 TUBE X 1.25 NPT
4	2	2951	BUSHING-PIPE, 0.50 NPT X 0.25 NPT
5	1	110514-300	GAUGE-PRESSURE
6	1	143556-200	VALVE-PRESSURE RELIEF
7	1	2713	DRAINCOCK-1/4 NPT
8	2	6639-F	BUSHING-PIPE, 2.00 NPT X 1.25 NPT
9	2	4715	ELBOW-PIPE, 1.25 NPT
10	1	5760	ELBOW-PIPE, 1.25 NPT
11	1	110425-125	VALVE-QUARTER TURN
12	1	125938-066	NIPPLE-PIPE, 1.25 NPT X 9.00 (15-40 HP, AIR-COOLED)
	1	125938-076	NIPPLE-PIPE, 1.25 NPT X 10.25 (50 HP, AIR-COOLED)
	1	125938-056	NIPPLE-PIPE, 1.25 NPT X 7.75 (WATER-COOLED)
13	1	121918-030	TUBE-FORMED, STEEL, 1.25 O.D.
14	4	110428W050	WASHER-FLAT, 1/2
15	4	123478-N15	SCREW-CAP, 1/2-13 UNC X 1.50, GRADE 5 (@ 55 FT-LBS)
16	4	124364-N02	NUT-HEX, 1/2-13 UNC
17	4	123115-08C	LOCKWASHER, 1/2
18	1	125938-014	NIPPLE-PIPE, 1.25 NPT X 2.50 (120 GALLON)
	2	125938-022	NIPPLE-PIPE, 1.25 NPT X 3.50 (15-25 HP, 200 & 240 GALLON, AIR-COOLED) (15-50 HP, 200 & 240 GALLON, WATER-COOLED)
	1	125938-001	NIPPLE-PIPE, 1.25 NPT X CLOSE (30-50 HP, 200 & 240 GALLON, AIR-COOLED)
19	1	125938-022	NIPPLE-PIPE, 1.25 NPT X 3.50 (15-25 HP, AIR-COOLED & 120 GALLON, WATER-COOLED)
	1	125938-042	NIPPLE-PIPE, 1.25 NPT X 6.00 (200 & 240 GALLON, WATER-COOLED)
	1	4665	BUSHING-PIPE, 1.50 NPT X 1.25 NPT (50 HP, AIR-COOLED)
20	1	125938-042	NIPPLE-PIPE, 1.25 NPT X 6.00 (WATER-COOLED ONLY)

Reference drawing for variations in piping arrangement.

@ Indicates torque value in foot pounds **(lubricated threads)**.

CABINET GROUPS
(AIR-COOLED)

140190



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 26 (VIBRATION DAMPENER) NOT SHOWN.

CABINET GROUPS (AIR-COOLED)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION		
		ACROSS THE LINE	WYE-DELTA	ELECTRONIC CONTROL	
1	1	128797	←	←	SUPPORT-ANGLE
2	1	129024	←	←	ANGLE-DOOR
3	1	128796-17	140171	←	PANEL-CORNER POST
4	1	128796-14	←	←	PANEL-REAR CROSS
5	1	128796-16	140170	←	PANEL-CORNER POST
6	1	128796-11	←	←	PANEL-ROOF SUPPORT
7	1	128796-15	140165	←	PANEL-CORNER POST
8	1	128796-13	140162****	142364-29	PANEL-INSTRUMENT
9	1	128796-18	140173	←	PANEL-CORNER POST
10	1	128796-19	140179	←	PANEL-ROOF SUPPORT
11	1	128796-22	140175	←	PANEL-DOOR
12	1	128796-21	140174	←	PANEL-DOOR POST
13	1	140327	←	←	PANEL-DOOR
14	1	128796-12	142378	←	PANEL-AIR INTAKE
15	1	128796-20	←	←	PANEL-TOP
16	1	128796-23	140177**	←	PANEL-DOOR, LOUVERED
	1	128796-24*	140176***		PANEL-DOOR, LOUVERED
17	10	127623	←	←	LATCH-DOOR, QUARTER TURN
18	18	142578-K12	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
19	18	110428W031	←	←	WASHER-FLAT, 5/16
20	50	123115-05Z	←	←	LOCKWASHER-ZINC, 5/16
21	48	7612	←	←	NUT-HEX, ZINC, 5/16-18 UNC
22	8	142650-K12	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
23	2	8452Z	←	←	NUT-SPEED, ZINC, 5/16-18 UNC
24	5	128705-I10	←	←	SCREW-SELF-DRILLING, #14 X 0.75
25	29	142578-K09	←	←	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
26	8.0 FT	20579	←	←	DAMPENER-VIBRATION

* This panel used only on the following units: Across the Line, TEFC, 40 HP

Across the Line, TEFC, 50 HP, 380/575V

** This panel used only on the following units:

Across the Line, TEFC, 50 HP, 200/230V

Wye-delta, TEFC, 50 HP

Electronic Control

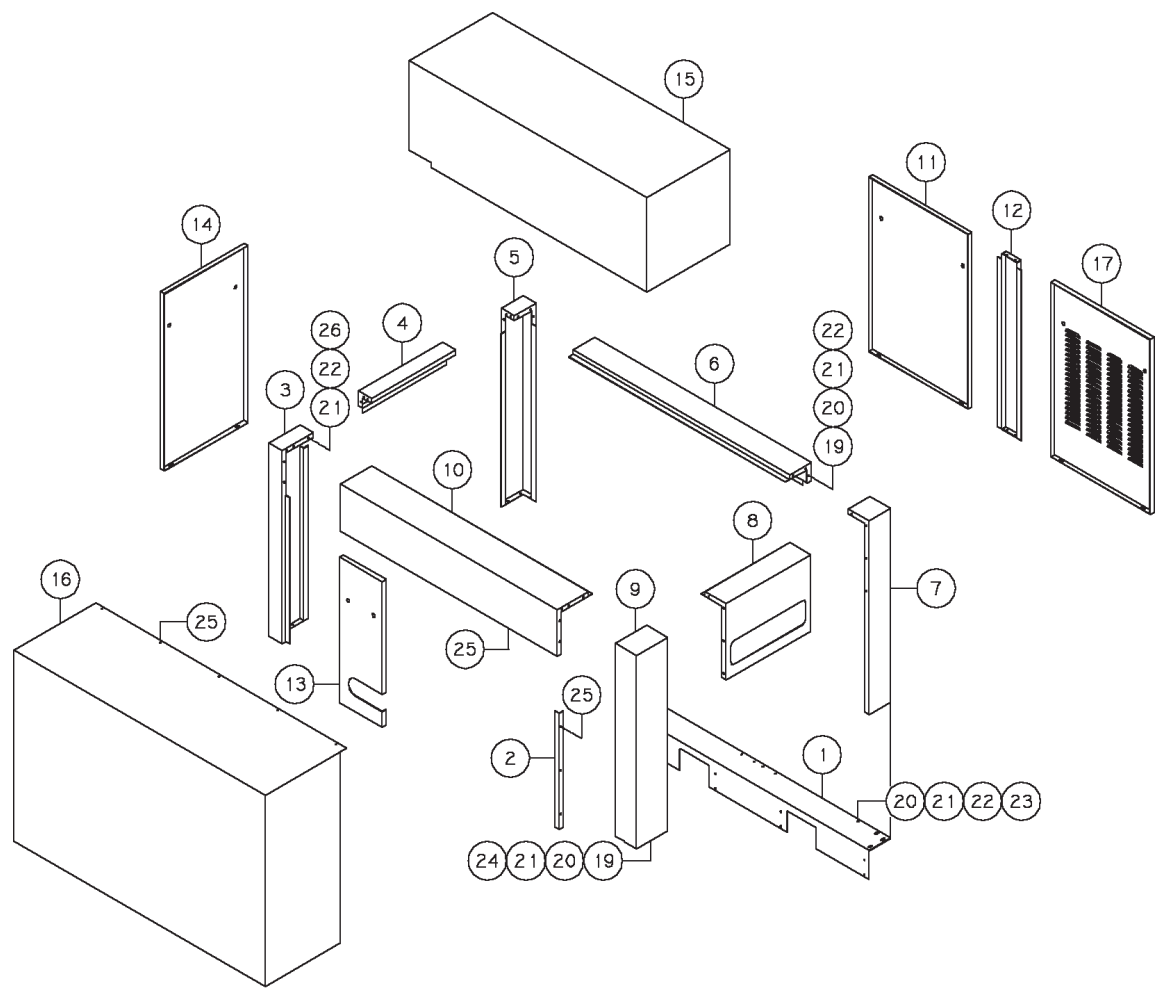
*** This panel used on all Wye-delta (except as noted**) and also on Across the Line, ODP, 50 HP, 200/230V units.

**** This panel also used on Electronic Control units w/gauge.

@ indicates torque value in foot pounds (**lubricated threads**).

CABINET GROUPS
(AIR-COOLED, LOW SOUND)

140203



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 27 (VIBRATION DAMPENER) NOT SHOWN.

CABINET GROUP
(AIR-COOLED, LOW SOUND)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION		
		ACROSS THE LINE	WYE-DELTA	ELECTRONIC CONTROL	
1	1	128797	←	←	SUPPORT-ANGLE
2	1	129024	←	←	ANGLE-DOOR
3	1	128796-17	140171	←	PANEL-CORNER POST
4	1	128796-14	←	←	PANEL-REAR CROSS
5	1	128796-16	140170	←	PANEL-CORNER POST
6	1	128796-11	←	←	PANEL-ROOF SUPPORT
7	1	128796-15	140165	←	PANEL-CORNER POST
8	1	128796-13	140162****	142364-29	PANEL-INSTRUMENT
9	1	128796-18	140173	←	PANEL-CORNER POST
10	1	128796-19	140179	←	PANEL-ROOF SUPPORT
11	1	128796-22	140175	←	PANEL-DOOR
12	1	128796-21	140174	←	PANEL-DOOR POST
13	1	140327	←	←	PANEL-DOOR
14	1	128796-27	140183	←	PANEL-END
15	1	129064	←	←	DUCT-AIR INLET
16	1	129063	140185	←	DUCT-AIR OUTLET
17	1	128796-23	140177**	←	PANEL-DOOR, LOUVERED
	1	128796-24*	140176***		PANEL-DOOR, LOUVERED
18	8	127623	←	←	LATCH-DOOR, QUARTER TURN
19	18	142578-K12	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
20	18	110428W031	←	←	WASHER-FLAT, 5/16
21	50	123115-05Z	←	←	LOCKWASHER-ZINC, 5/16
22	48	7612	←	←	NUT-HEX, ZINC, 5/16-18 UNC
23	8	142650-K12	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
24	2	8452Z	←	←	NUT-SPEED, ZINC, 5/16-18 UNC
25	20	128705-I10	←	←	SCREW-SELF-DRILLING, #14 X 0.75
26	29	142578-K09	←	←	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
27	8.0 FT	20579	←	←	DAMPENER-VIBRATION

* This panel used only on the following units: Across the Line, TEFC, 40 HP

Across the Line, TEFC, 50 HP, 380/575V

** This panel used only on the following units: Across the Line, TEFC, 50 HP, 200/230V

Wye-delta, TEFC, 50 HP

Electronic Control

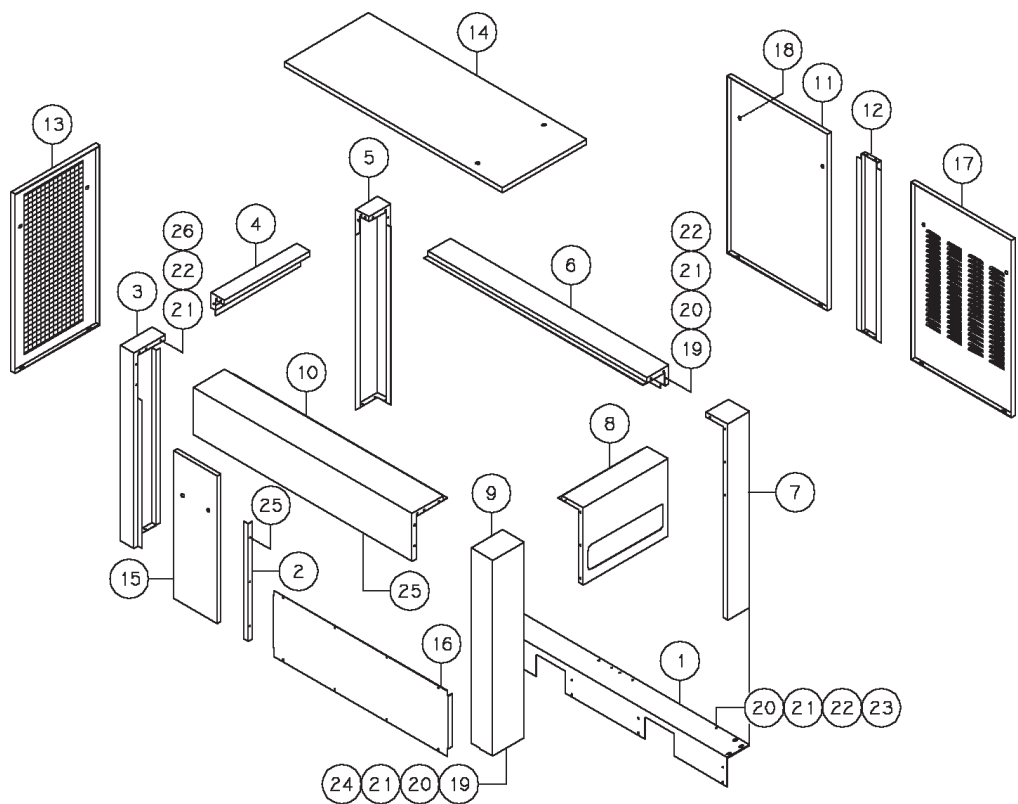
*** This panel used on all Wye-delta (except as noted**) and also on Across the Line, ODP, 50 HP, 200/230V units.

**** This panel also used on Electronic Control units w/gauge.

@ indicates torque value in foot pounds (**lubricated threads**).

CABINET GROUPS
(WATER-COOLED)

140204



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 27 (VIBRATION DAMPENER) NOT SHOWN.

CABINET GROUPS (WATER-COOLED)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION		
		ACROSS THE LINE	WYE-DELTA	ELECTRONIC CONTROL	
1	1	128797	←	←	SUPPORT-ANGLE
2	1	129024	←	←	ANGLE-DOOR
3	1	128796-17	140171	←	PANEL-CORNER POST
4	1	128796-14	←	←	PANEL-REAR CROSS
5	1	128796-16	140170	←	PANEL-CORNER POST
6	1	128796-11	←	←	PANEL-ROOF SUPPORT
7	1	128796-15	140165	←	PANEL-CORNER POST
8	1	128796-13	140162****	142364-29	PANEL-INSTRUMENT
9	1	128796-18	140173	←	PANEL-CORNER POST
10	1	128796-19	140179	←	PANEL-ROOF SUPPORT
11	1	128796-22	140175	←	PANEL-DOOR
12	1	128796-21	140174	←	PANEL-DOOR POST
13	1	142364-12	140161	←	PANEL-END, AIR INTAKE
14	1	128796-20	←	←	PANEL-TOP
15	1	128796-28	←	←	PANEL-SIDE, FLUID FILTER
16	1	129152	←	←	PANEL-UPPER, WATER-COOLED
17	1	128796-23	140177**	←	PANEL-DOOR, LOUVERED
	1	128796-24*	140176***		PANEL-DOOR, LOUVERED
18	10	127623	←	←	LATCH-DOOR, QUARTER TURN
19	18	142578-K12	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
20	18	110428W031	←	←	WASHER-FLAT, 5/16
21	50	123115-05Z	←	←	LOCKWASHER-ZINC, 5/16
22	48	7612	←	←	NUT-HEX, ZINC, 5/16-18 UNC
23	8	142650-K12	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
24	2	8452Z	←	←	NUT-SPEED, ZINC, 5/16-18 UNC
25	5	128705-I10	←	←	SCREW-SELF-DRILLING, #14 X 0.75
26	29	142578-K09	←	←	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
27	8.0 FT	20579	←	←	DAMPENER-VIBRATION

* This panel used only on the following units: Across the Line, TEFC, 40 HP

Across the Line, TEFC, 50 HP, 380/575V

** This panel used only on the following units: Across the Line, TEFC, 50 HP, 200/230V

Wye-delta, TEFC, 50 HP

Electronic Control

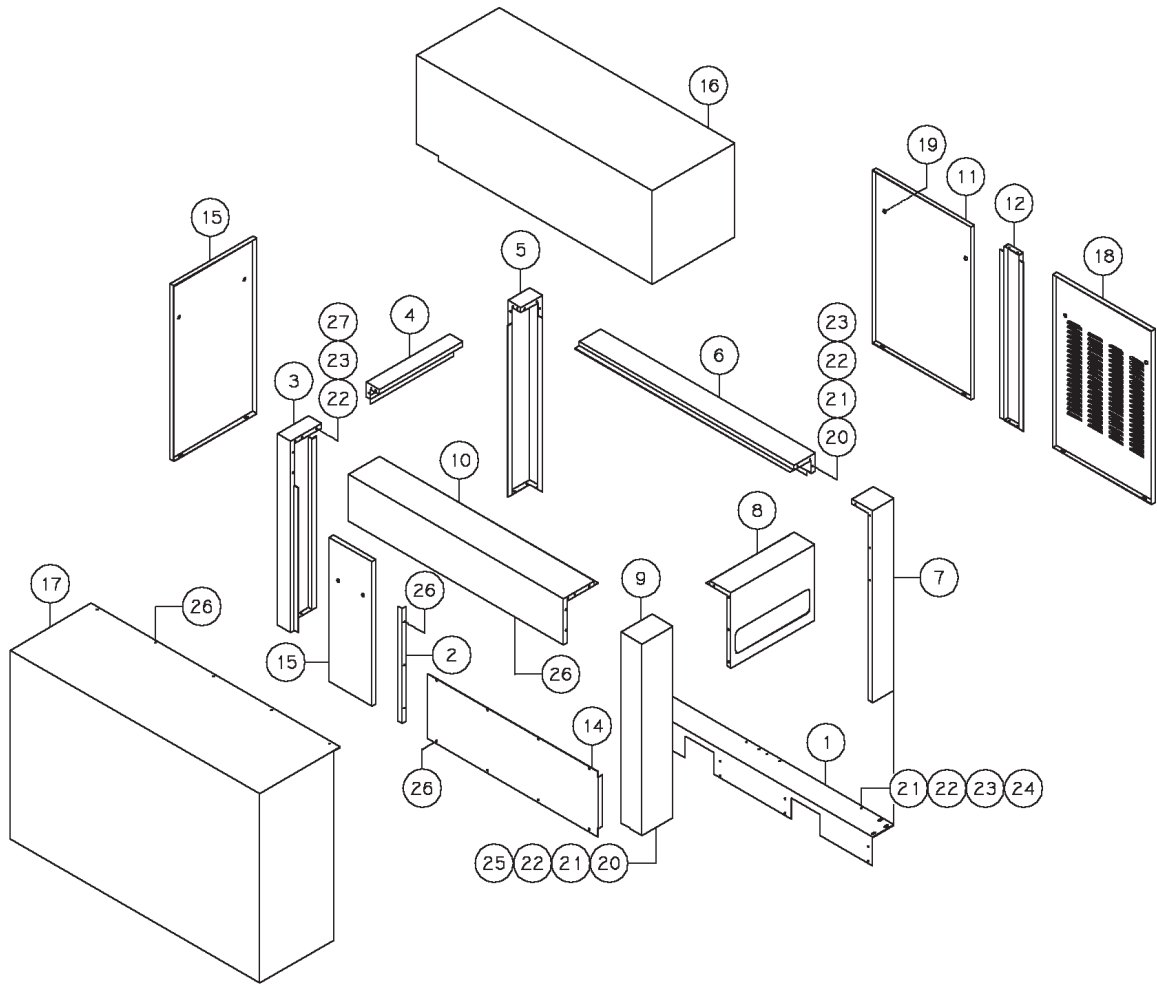
*** This panel used on all Wye-delta (except as noted**) and also on Across the Line, ODP, 50 HP, 200/230V units.

**** This panel also used on Electronic Control units w/gauge.

@ indicates torque value in foot pounds (**lubricated threads**).

CABINET GROUPS
(WATER-COOLED, LOW SOUND)

140228



NOTES-UNLESS OTHERWISE SPECIFIED:
1) ITEM 28 (VIBRATION DAMPENER) NOT SHOWN.

CABINET GROUPS
(WATER-COOLED, LOW SOUND)

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION		
		ACROSS THE LINE	WYE-DELTA	ELECTRONIC CONTROL	
1	1	128797	←	←	SUPPORT-ANGLE
2	1	129024	←	←	ANGLE-DOOR
3	1	128796-17	140171	←	PANEL-CORNER POST
4	1	128796-14	←	←	PANEL-REAR CROSS
5	1	128796-16	140170	←	PANEL-CORNER POST
6	1	128796-11	←	←	PANEL-ROOF SUPPORT
7	1	128796-15	140165	←	PANEL-CORNER POST
8	1	128796-13	140162****	142364-29	PANEL-INSTRUMENT
9	1	128796-18	140173	←	PANEL-CORNER POST
10	1	128796-19	140179	←	PANEL-ROOF SUPPORT
11	1	128796-22	140175	←	PANEL-DOOR
12	1	128796-21	140174	←	PANEL-DOOR POST
13	1	128796-28	←	←	PANEL-SIDE, FLUID FILTER
14	1	129152	←	←	PANEL-UPPER, WATER-COOLED
15	1	128796-27	140183	←	PANEL-END
16	1	129064	←	←	DUCT-AIR INLET
17	1	129063	140185	←	DUCT-AIR OUTLET
18	1	128796-23	140177**	←	PANEL-DOOR, LOUVERED
	1	128796-24*	140176***		PANEL-DOOR, LOUVERED
19	8	127623	←	←	LATCH-DOOR, QUARTER TURN
20	18	142578-K12	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
21	18	110428W031	←	←	WASHER-FLAT, 5/16
22	50	123115-05Z	←	←	LOCKWASHER-ZINC, 5/16
23	48	7612	←	←	NUT-HEX, ZINC, 5/16-18 UNC
24	8	142650-K12	←	←	SCREW-CAP, 5/16-18 UNC X 1.00, GRADE 5 (@ 13 FT-LBS)
25	2	8452Z	←	←	NUT-SPEED, ZINC, 5/16-18 UNC
26	20	128705-I10	←	←	SCREW-SELF-DRILLING, #14 X 0.75
27	29	142578-K09	←	←	SCREW-CAP, 5/16-18 UNC X 0.62, GRADE 5 (@ 13 FT-LBS)
28	8.0 FT	20579	←	←	DAMPENER-VIBRATION

* This panel used only on the following units: Across the Line, TEFC, 40 HP

Across the Line, TEFC, 50 HP, 380/575V

** This panel used only on the following units: Across the Line, TEFC, 50 HP, 200/230V

Wye-delta, TEFC, 50 HP

Electronic Control

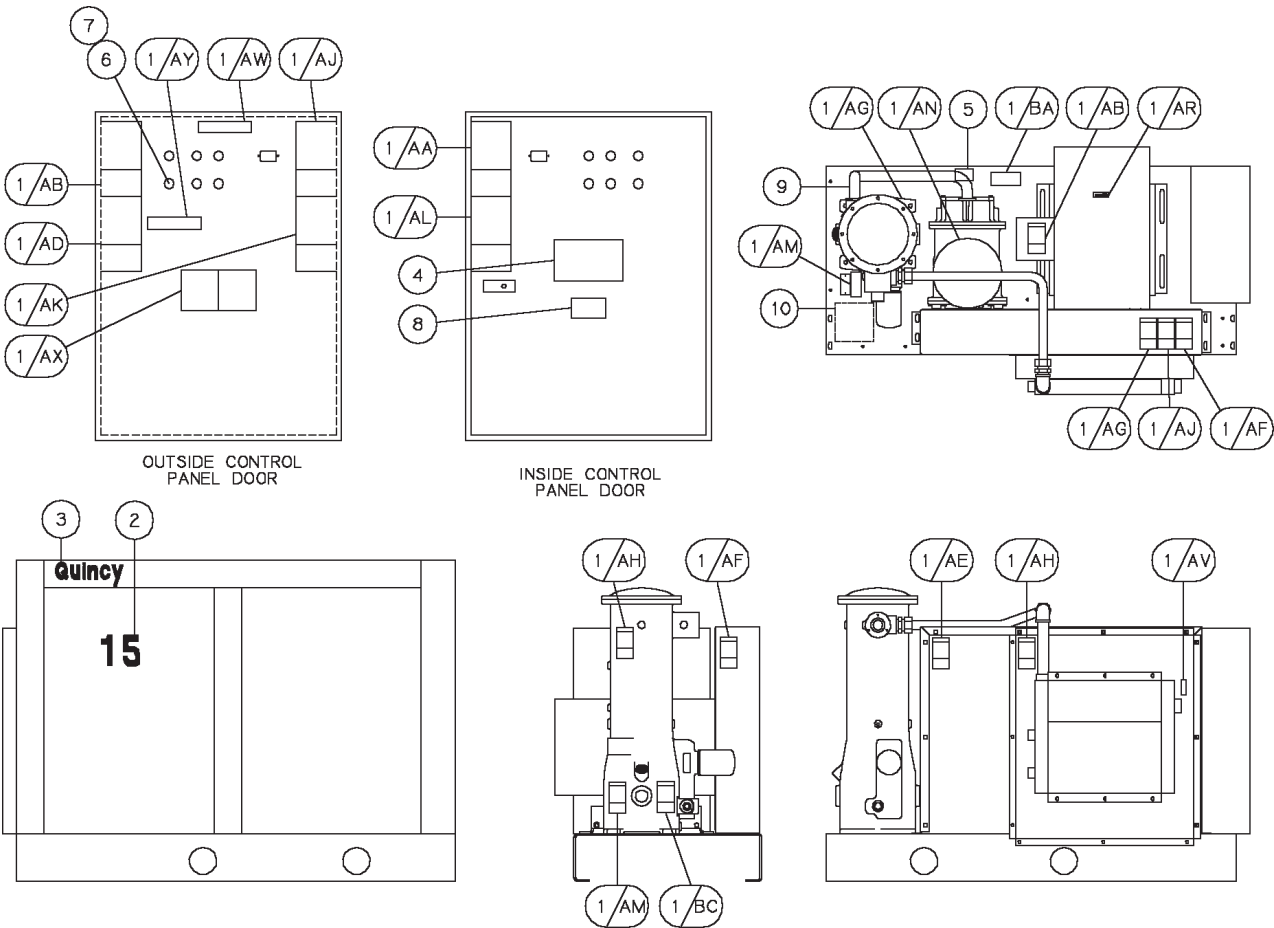
*** This panel used on all Wye-delta (except as noted**) and also on Across the Line, ODP, 50 HP, 200/230V units.

**** This panel also used on Electronic Control units w/gauge.

@ indicates torque value in foot pounds (**lubricated threads**).

DECAL GROUPS
(QSB, AIR-COOLED, WITH CABINET)

129555



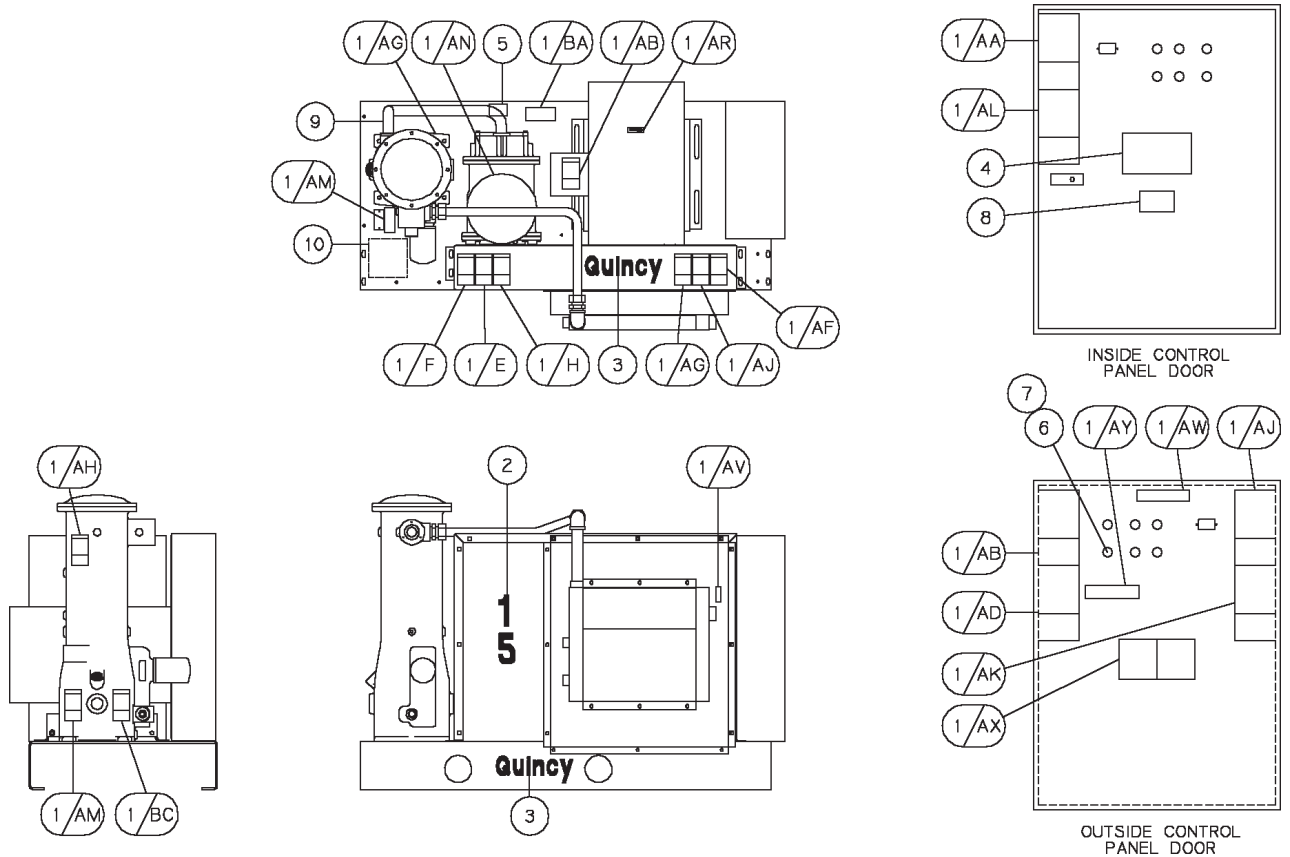
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1/A-1/BC	1	143194	SHEET-SAFETY DECALS
2*	1	128970-015	DECAL-15, MEDIUM, BLUE
	1	128970-020	DECAL-20, MEDIUM, BLUE
	1	128970-025	DECAL-25, MEDIUM, BLUE
	1	128970-030	DECAL-30, MEDIUM, BLUE
	1	128970-040	DECAL-40, MEDIUM, BLUE
	1	128970-050	DECAL-50, MEDIUM, BLUE
3	1	125324-002	DECAL-QUINCY, WHITE
4	1	128198	LABEL-GENUINE QUINCY COMPONENTS
5	1	140402	DECAL-NOTICE, DON'T OVERTIGHTEN
6	1	141251	TAG-PLUGS REMOVED...
7	1	141250	TAG-CAUTION, JOG MOTOR
8	1	113058	DECAL-CONTROL PANEL
9	1	22177	TAG-FLUID TYPE SHIPPED WITH UNIT
10**	1	128425	DECAL-THIS MACHINE PROTECTED WITH QUINSYN®
	1	128426	DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F®
	1	143861	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™
	1	140519-3	DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP®
	1	144048	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS

* Decal part number (-XXX) indicates horsepower of unit.

** Decal indicates type of fluid shipped with unit.

DECAL GROUPS
(QSB, AIR-COOLED, LESSCABINET)

129014



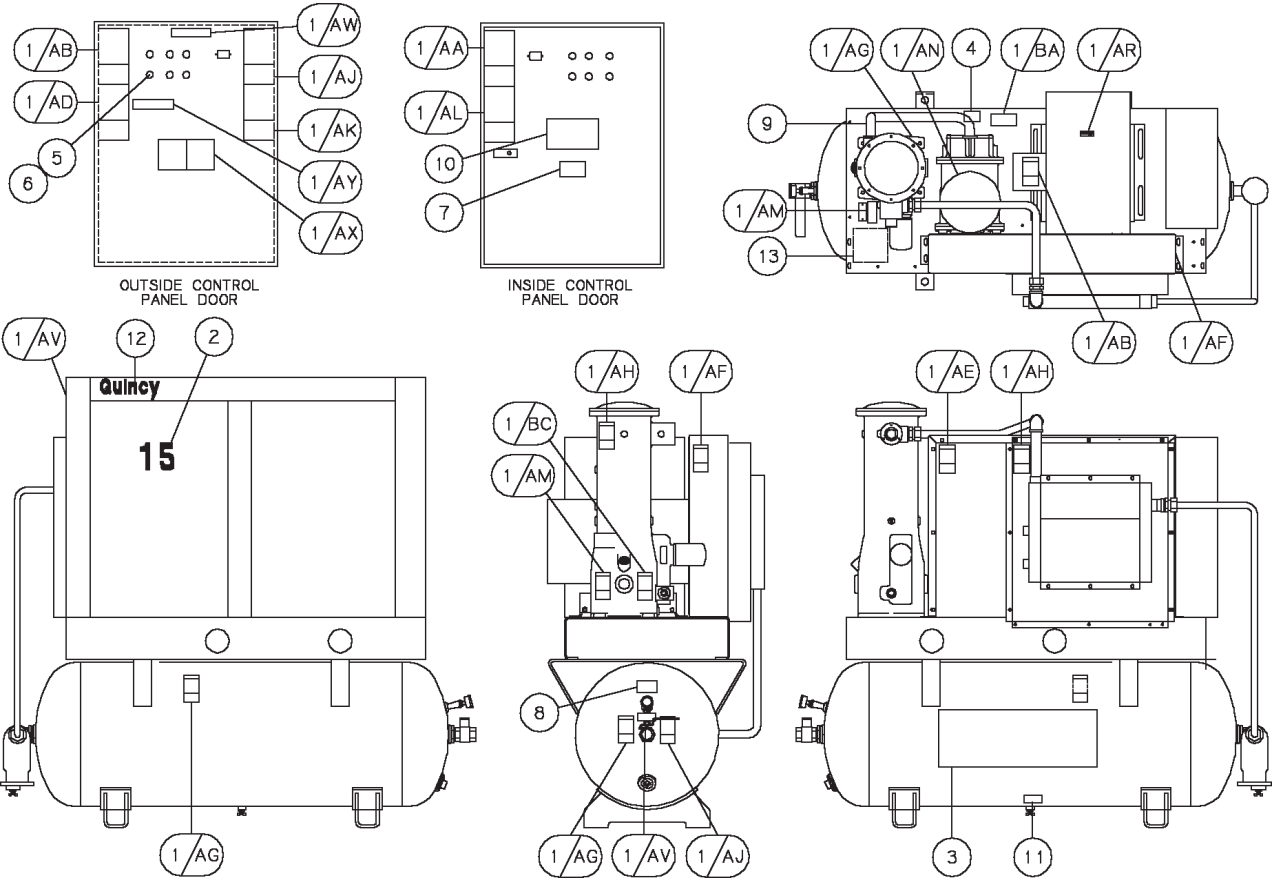
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1/A-1/BC	1	143194	SHEET-SAFETY DECALS
2*	1	126004-015	DECAL-15, WHITE
	1	126004-020	DECAL-20, WHITE
	1	126004-025	DECAL-25, WHITE
	1	126004-030	DECAL-30, WHITE
	1	126004-040	DECAL-40, WHITE
	1	126004-050	DECAL-50, WHITE
3	2	125324-002	DECAL-QUINCY, WHITE
4	1	128198	LABEL-GENUINE QUINCY COMPONENTS
5	1	140402	DECAL-NOTICE, DON'T OVERTIGHTEN
6	1	141251	TAG-PLUGS REMOVED...
7	1	141250	TAG-CAUTION, JOG MOTOR
8	1	113058	DECAL-CONTROL PANEL
9	1	22177	TAG-FLUID TYPE SHIPPED WITH UNIT
10**	1	128425	DECAL-THIS MACHINE PROTECTED WITH QUINSYN®
	1	128426	DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F®
	1	143861	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™
	1	140519-3	DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP®
	1	144048	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS

* Decal part number (-XXX) indicates horsepower of unit.

** Decal indicates type of fluid shipped with unit.

DECAL GROUPS
(QST, AIR-COOLED, WITH CABINET)

129556



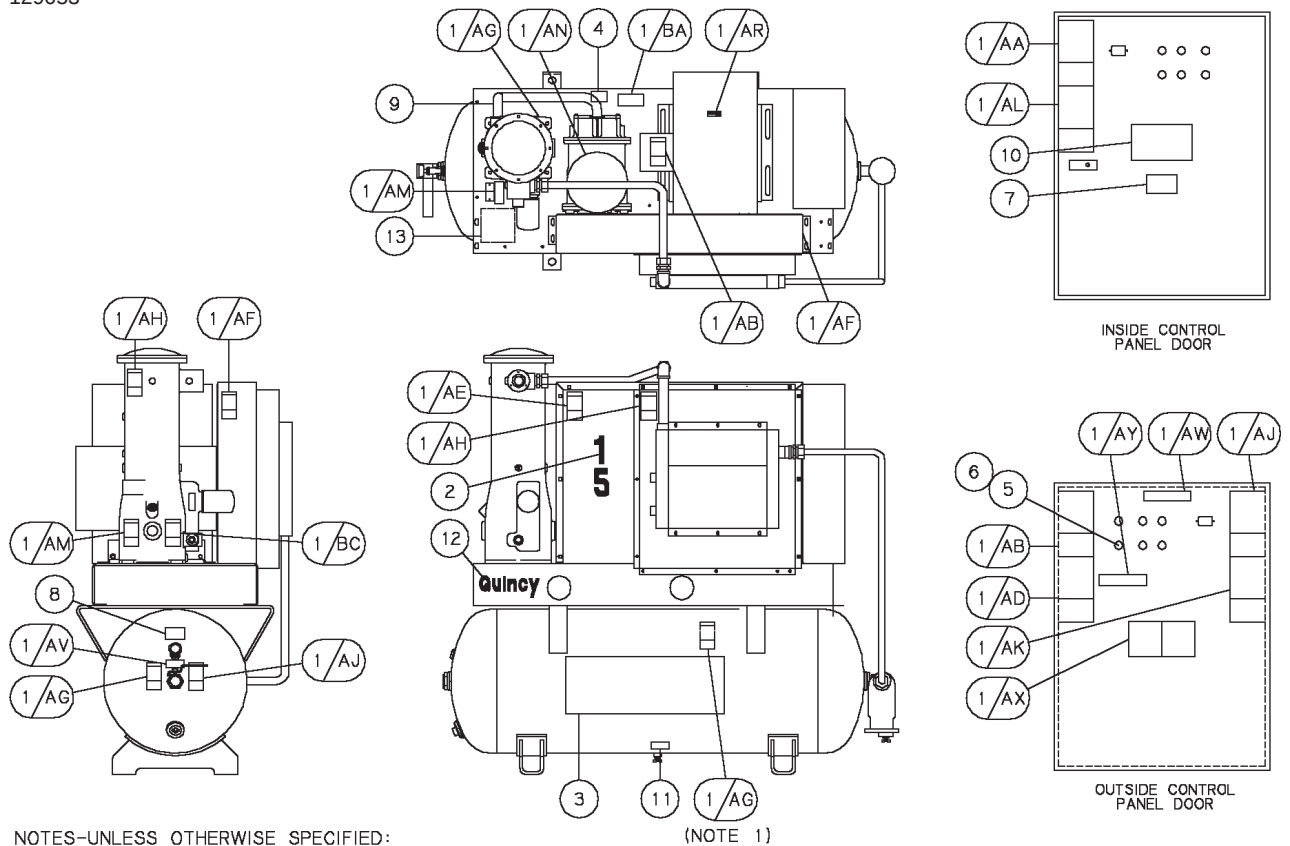
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1/A-1/BC	1	143194	SHEET-SAFETY DECALS
2*	1	128970-015	DECAL-15, MEDIUM, BLUE
	1	128970-020	DECAL-20, MEDIUM, BLUE
	1	128970-025	DECAL-25, MEDIUM, BLUE
	1	128970-030	DECAL-30, MEDIUM, BLUE
	1	128970-040	DECAL-40, MEDIUM, BLUE
	1	128970-050	DECAL-50, MEDIUM, BLUE
3	1	125324-001	DECAL-QUINCY, WHITE
4	1	140402	DECAL-NOTICE, DON'T OVERTIGHTEN
5	1	141251	TAG-PLUGS REMOVED...
6	1	141250	TAG-CAUTION, JOG MOTOR
7	1	113058	DECAL-CONTROL PANEL
8	1	128067-001	DECAL-PRESSURE
9	1	22177	TAG-FLUID TYPE SHIPPED WITH UNIT
10	1	128198	LABEL-GENUINE QUINCY COMPONENTS
11	1	5042	DECAL-DRAIN TANK EVERY DAY
12	1	125324-002	DECAL-QUINCY, WHITE
13**	1	128425	DECAL-THIS MACHINE PROTECTED WITH QUINSYN®
	1	128426	DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F®
	1	143861	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™
	1	140519-3	DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP®
	1	144048	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS

* Decal part number (-XXX) indicates horsepower of unit.

** Decal indicates type of fluid shipped with unit.

DECAL GROUPS (QST, AIR-COOLED, LESS CABINET)

129053



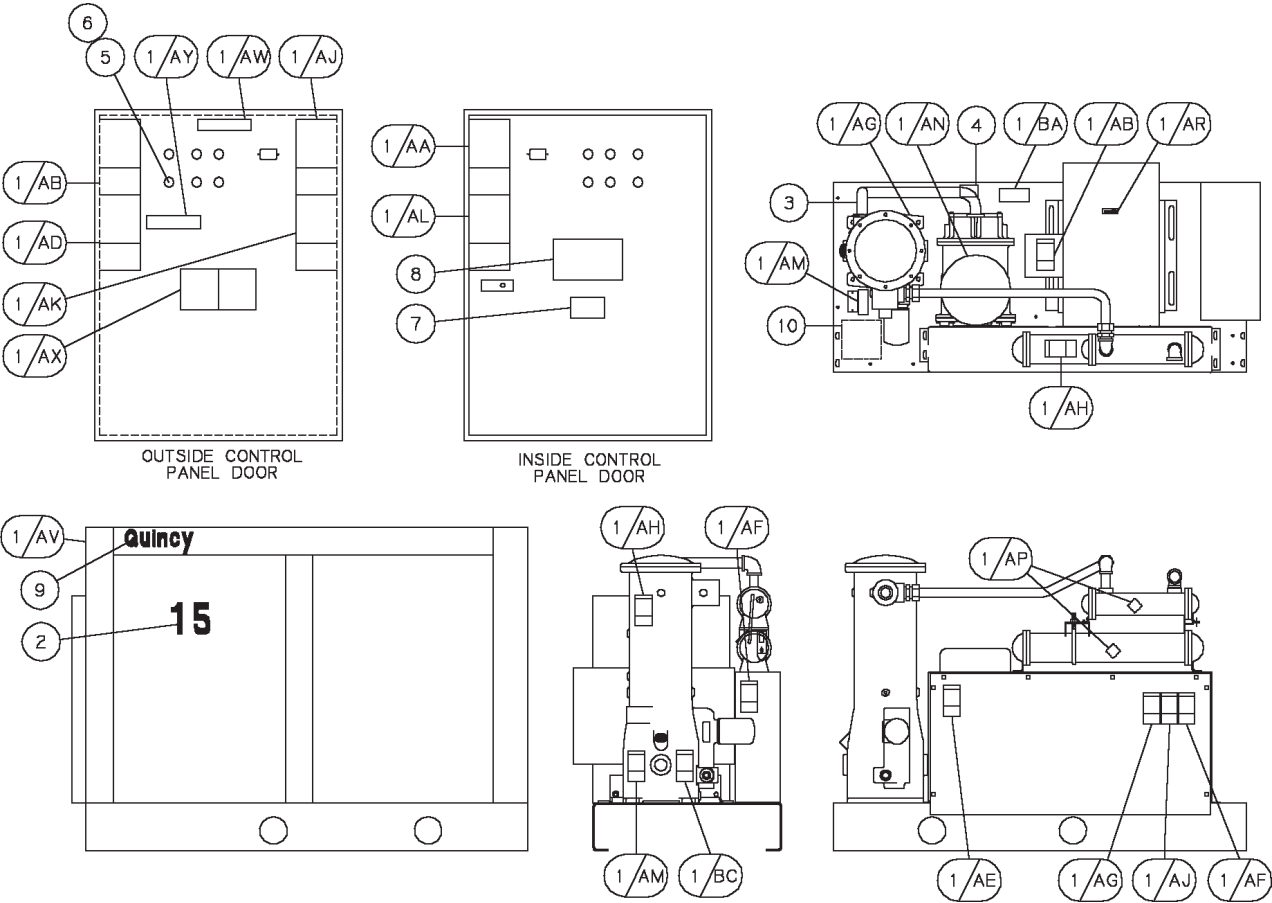
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1/A-1/BC	1	143194	SHEET-SAFETY DECALS
2*	1	126004-015	DECAL-15, WHITE
	1	126004-020	DECAL-20, WHITE
	1	126004-025	DECAL-25, WHITE
	1	126004-030	DECAL-30, WHITE
	1	126004-040	DECAL-40, WHITE
	1	126004-050	DECAL-50, WHITE
3	1	125324-001	DECAL-QUINCY, WHITE
4	1	140402	DECAL-NOTICE, DON'T OVERTIGHTEN
5	1	141251	TAG-PLUGS REMOVED...
6	1	141250	TAG-CAUTION, JOG MOTOR
7	1	113058	DECAL-CONTROL PANEL
8	1	128067-001	DECAL-PRESSURE
9	1	22177	TAG-FLUID TYPE SHIPPED WITH UNIT
10	1	128198	LABEL-GENUINE QUINCY COMPONENTS
11	1	5042	DECAL-DRAIN TANK EVERY DAY
12	1	125324-002	DECAL-QUINCY, WHITE
13**	1	128425	DECAL-THIS MACHINE PROTECTED WITH QUINSYN®
	1	128426	DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F®
	1	143861	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™
	1	140519-3	DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP®
	1	144048	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS

* Decal part number (-XXX) indicates horsepower of unit.

** Decal indicates type of fluid shipped with unit.

DECAL GROUPS
(QSB, WATER-COOLED, WITH CABINET)

140200



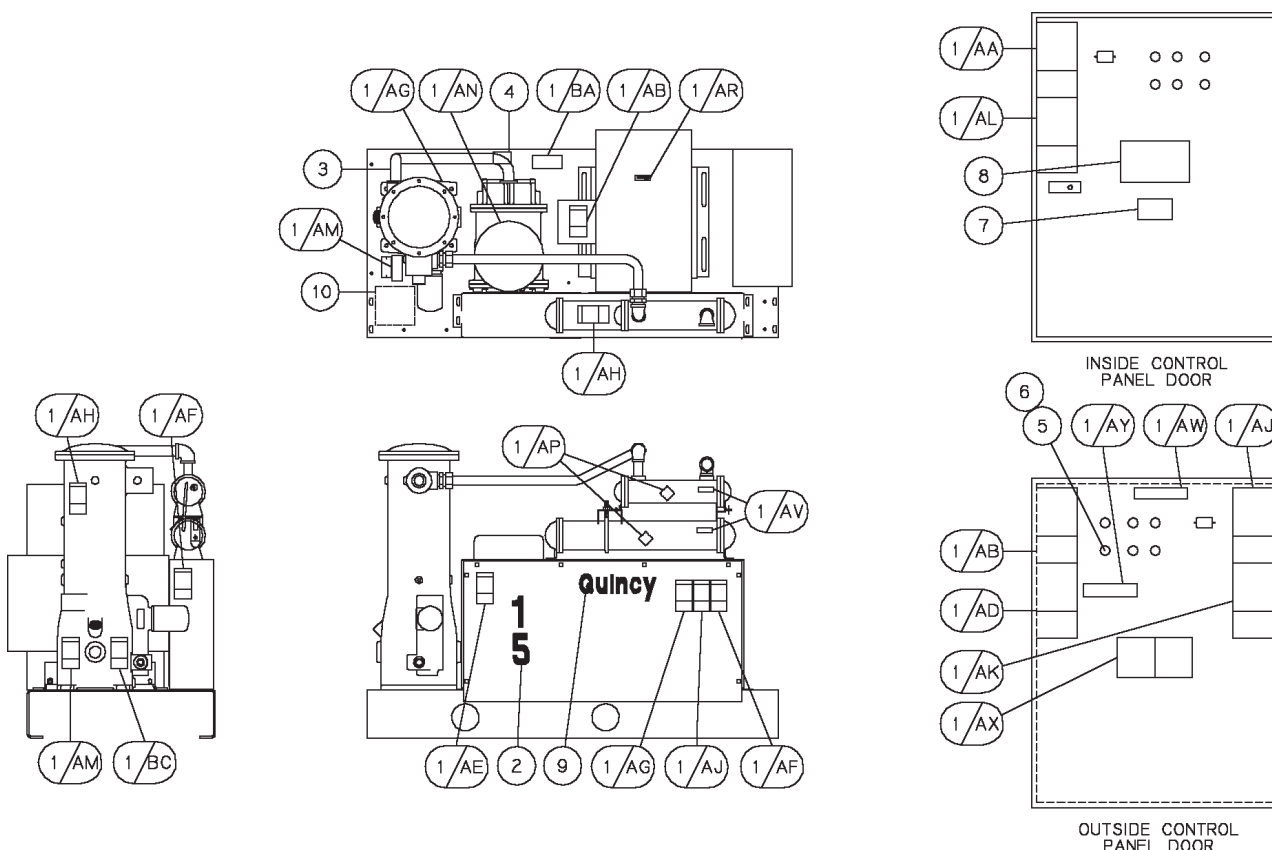
ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1/A-1/BC	1	143194	SHEET-SAFETY DECALS
2*	1	128970-015	DECAL-15, MEDIUM, BLUE
	1	128970-020	DECAL-20, MEDIUM, BLUE
	1	128970-025	DECAL-25, MEDIUM, BLUE
	1	128970-030	DECAL-30, MEDIUM, BLUE
	1	128970-040	DECAL-40, MEDIUM, BLUE
	1	128970-050	DECAL-50, MEDIUM, BLUE
3	1	22177	TAG-FLUID TYPE SHIPPED WITH UNIT
4	1	140402	DECAL-NOTICE, DON'T OVERTIGHTEN
5	1	141251	TAG-PLUGS REMOVED...
6	1	141250	TAG-CAUTION, JOG MOTOR
7	1	113058	DECAL-CONTROL PANEL
8	1	128198	LABEL-GENUINE QUINCY COMPONENTS
9	1	125324-002	DECAL-QUINCY, WHITE
10**	1	128425	DECAL-THIS MACHINE PROTECTED WITH QUINSYN®
	1	128426	DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F®
	1	143861	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™
	1	140519-3	DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP®
	1	144048	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS

* Decal part number (-XXX) indicates horsepower of unit.

** Decal indicates type of fluid shipped with unit.

DECAL GROUPS **(QSB, WATER-COOLED, LESS CABINET)**

140199



ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1/A-1/BC	1	143194	SHEET-SAFETY DECALS
2*	1	126004-015	DECAL-15, WHITE
	1	126004-020	DECAL-20, WHITE
	1	126004-025	DECAL-25, WHITE
	1	126004-030	DECAL-30, WHITE
	1	126004-040	DECAL-40, WHITE
	1	126004-050	DECAL-50, WHITE
3	1	22177	TAG-FLUID TYPE SHIPPED WITH UNIT
4	1	140402	DECAL-NOTICE, DON'T OVERTIGHTEN
5	1	141251	TAG-PLUGS REMOVED...
6	1	141250	TAG-CAUTION, JOG MOTOR
7	1	113058	DECAL-CONTROL PANEL
8	1	128198	LABEL-GENUINE QUINCY COMPONENTS
9	2	125324-002	DECAL-QUINCY, WHITE
10**	1	128425	DECAL-THIS MACHINE PROTECTED WITH QUINSYN®
	1	128426	DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F®
	1	143861	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™
	1	140519-3	DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP®
	1	144048	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS

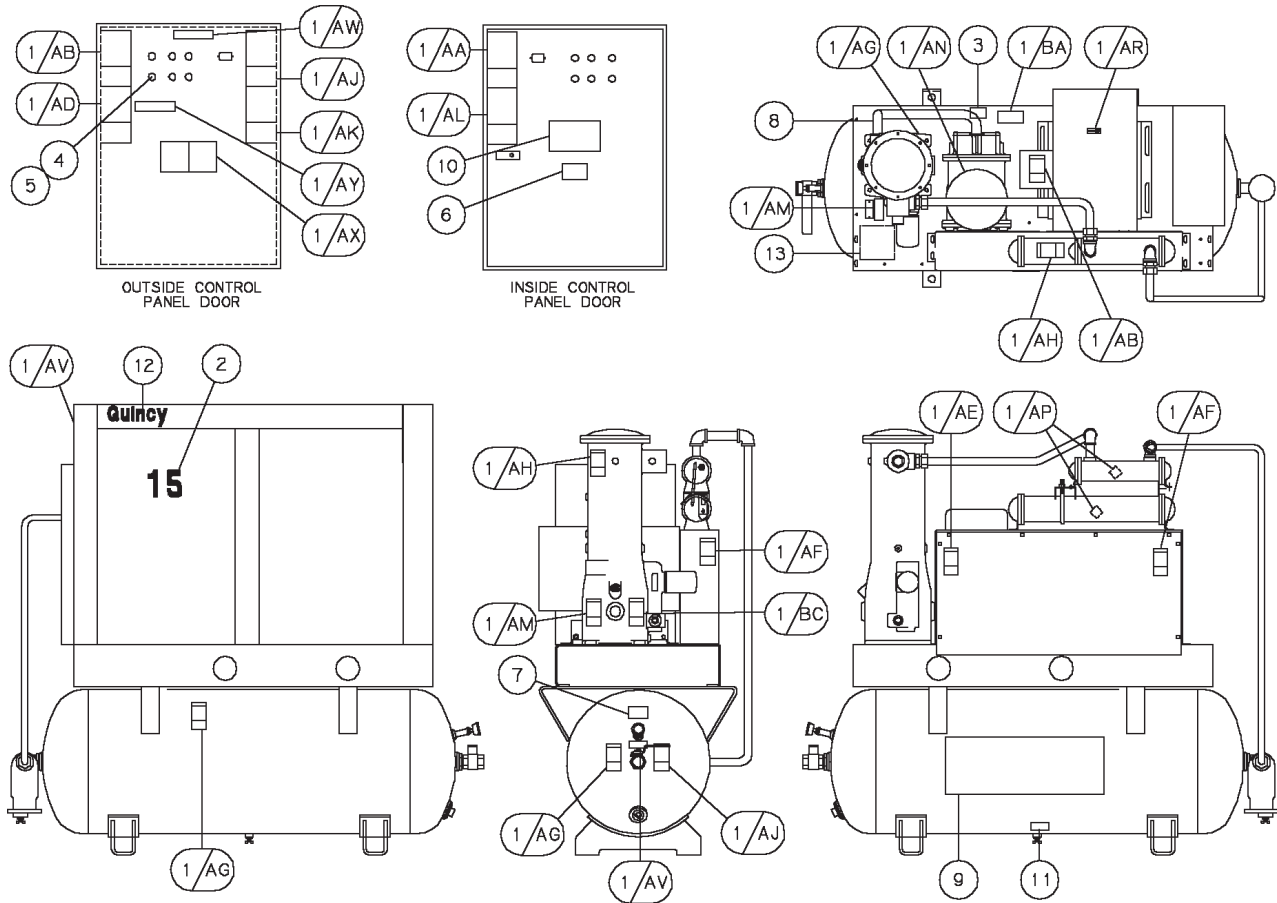
* Decal part number (-XXX) indicates horsepower of unit.

** Decal indicates type of fluid shipped with unit.

DECAL GROUPS

(QST, WATER-COOLED, WITH CABINET)

140202



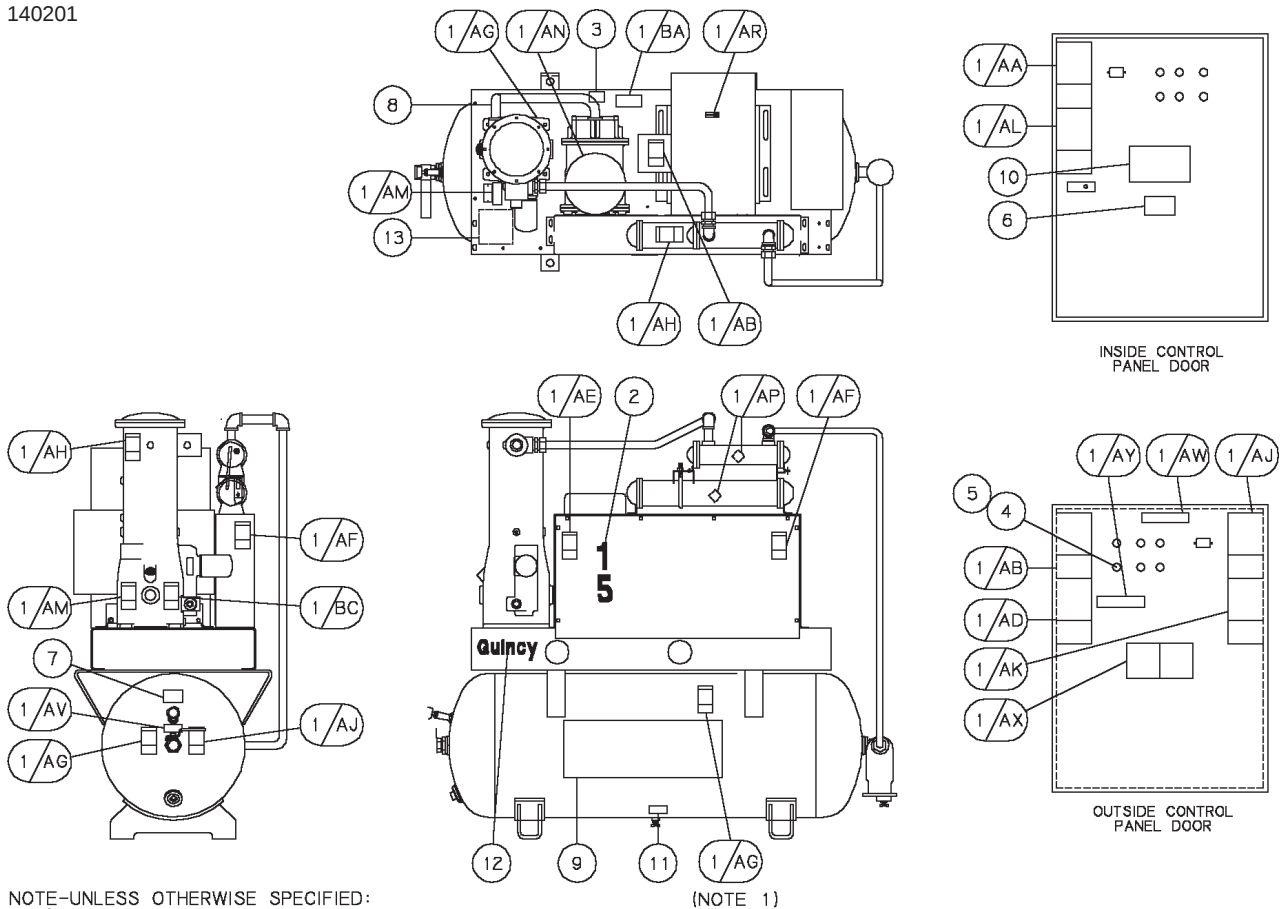
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1/A-1/BC	1	143194	SHEET-SAFETY DECALS
2*	1	128970-015	DECAL-15, MEDIUM, BLUE
	1	128970-020	DECAL-20, MEDIUM, BLUE
	1	128970-025	DECAL-25, MEDIUM, BLUE
	1	128970-030	DECAL-30, MEDIUM, BLUE
	1	128970-040	DECAL-40, MEDIUM, BLUE
	1	128970-050	DECAL-50, MEDIUM, BLUE
3	1	140402	DECAL-NOTICE, DON'T OVERTIGHTEN
4	1	141251	TAG-PLUGS REMOVED...
5	1	141250	TAG-CAUTION, JOG MOTOR
6	1	113058	DECAL-CONTROL PANEL
7	1	128067-001	DECAL-PRESSURE
8	1	22177	TAG-FLUID TYPE SHIPPED WITH UNIT
9	1	125324-001	DECAL-QUINCY, WHITE
10	1	128198	LABEL-GENUINE QUINCY COMPONENTS
11	1	5042	DECAL-DRAIN TANK EVERY DAY
12	1	125324-002	DECAL-QUINCY, WHITE
13**	1	128425	DECAL-THIS MACHINE PROTECTED WITH QUINSYN®
	1	128426	DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F®
	1	143861	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™
	1	140519-3	DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP®
	1	144048	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS

*Decal part number (-XXX) indicates horsepower of unit.

**Decal indicates type of fluid shipped with unit.

DECAL GROUPS **(QST, WATER-COOLED, LESS CABINET)**

140201



ITEM No.	QTY.	PART NUMBER	DESCRIPTION
1/A-1/BC	1	143194	SHEET-SAFETY DECALS
2*	1	126004-015	DECAL-15, WHITE
	1	126004-020	DECAL-20, WHITE
	1	126004-025	DECAL-25, WHITE
	1	126004-030	DECAL-30, WHITE
	1	126004-040	DECAL-40, WHITE
	1	126004-050	DECAL-50, WHITE
3	1	140402	DECAL-NOTICE, DON'T OVERTIGHTEN
4	1	141251	TAG-PLUGS REMOVED...
5	1	141250	TAG-CAUTION, JOG MOTOR
6	1	113058	DECAL-CONTROL PANEL
7	1	128067-001	DECAL-PRESSURE
8	1	22177	TAG-FLUID TYPE SHIPPED WITH UNIT
9	1	125324-001	DECAL-QUINCY, WHITE
10	1	128198	LABEL-GENUINE QUINCY COMPONENTS
11	1	5042	DECAL-DRAIN TANK EVERY DAY
12	1	125324-002	DECAL-QUINCY, WHITE
13**	1	128425	DECAL-THIS MACHINE PROTECTED WITH QUINSYN®
	1	128426	DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F®
	1	143861	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™
	1	140519-3	DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP®
	1	144048	DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS

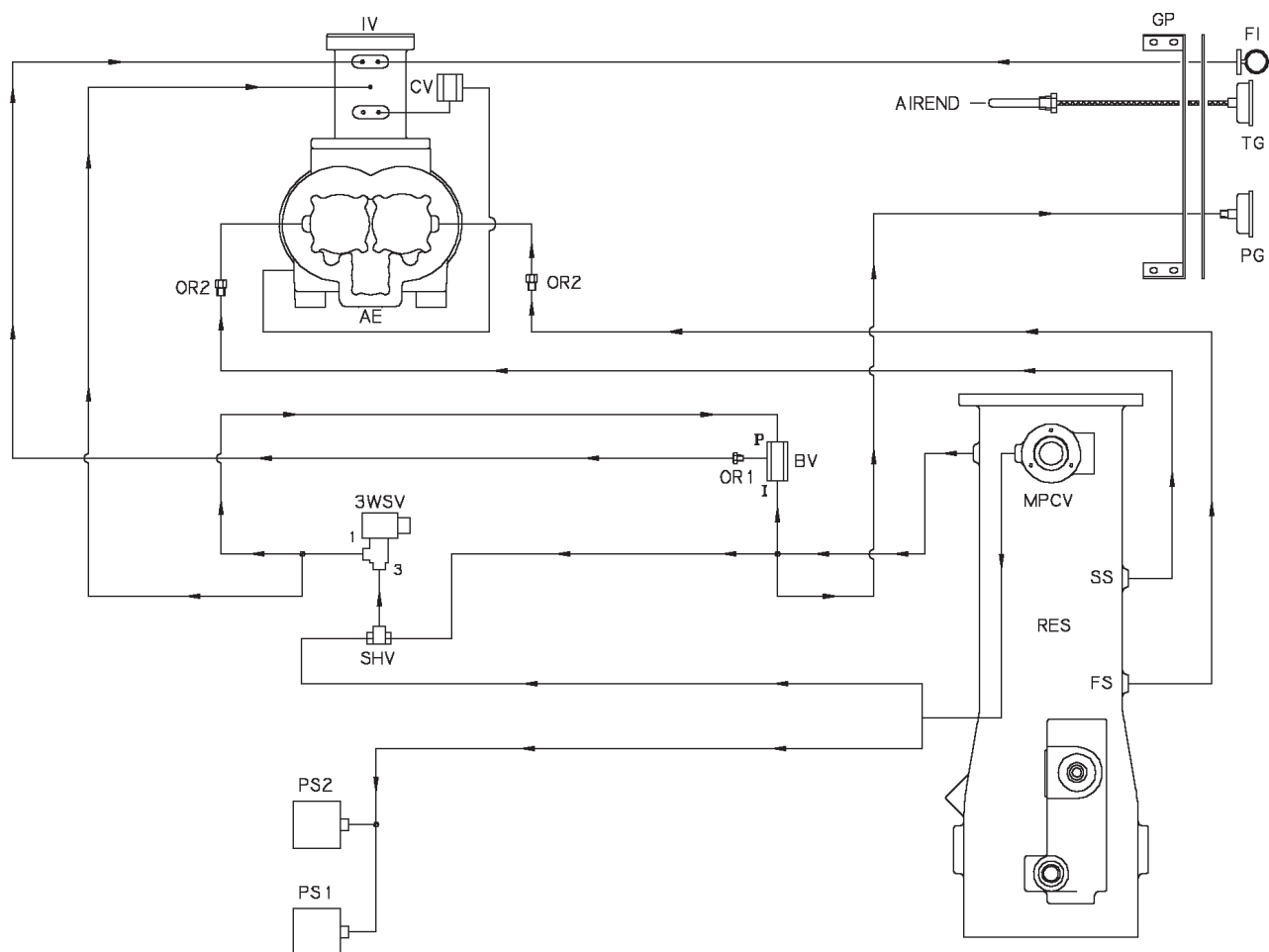
*Decal part number (-XXX) indicates horsepower of unit.

**Decal indicates type of fluid shipped with unit.

CONTROL SCHEMATIC

(ACROSS THE LINE, LOAD/NO LOAD)

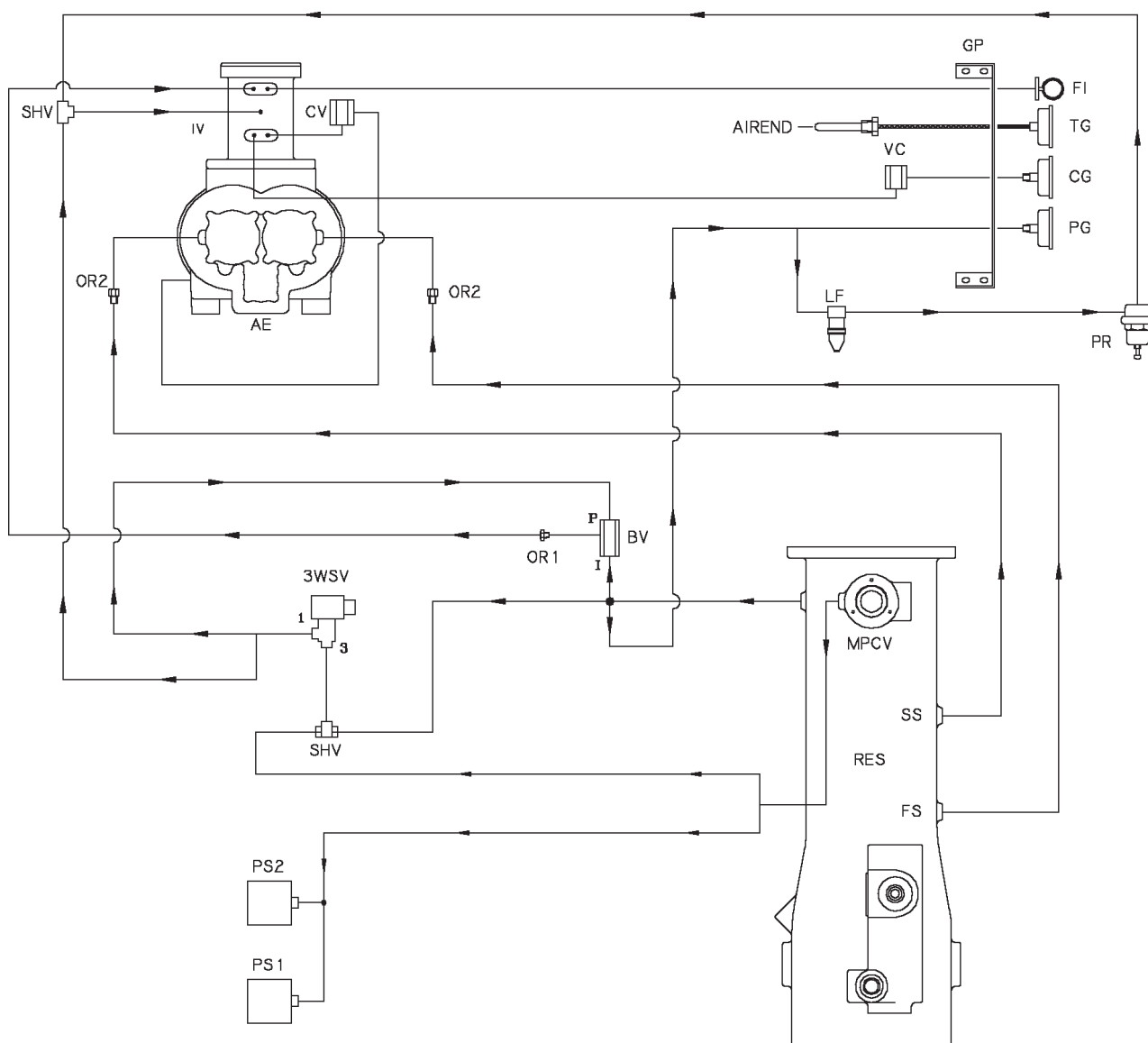
129506-002



AE	AIREND	OR2	ORIFICE (0.04)
BV	BLOWDOWN VALVE	PG	PRESSURE GAUGE
CV	CHECK VALVE	PS1	PRESSURE SWITCH
FI	FILTER INDICATOR	PS2	PRESSURE SWITCH (LEAD/LAG ONLY)
FS	FIRST STAGE SCAVENGE LINE	RES	RESERVOIR
GP	GAUGE PANEL	SHV	SHUTTLE VALVE
IV	INLET VALVE	SS	SECOND STAGE SCAVENGE LINE
MPCV	MINIMUM PRESSURE CHECK VALVE	TG	TEMPERATURE GAUGE
OR1	ORIFICE (0.14)	3WSV	3-WAY SOLENOID VALVE

CONTROL SCHEMATIC (ACROSS THE LINE, MODULATION)

129506-004

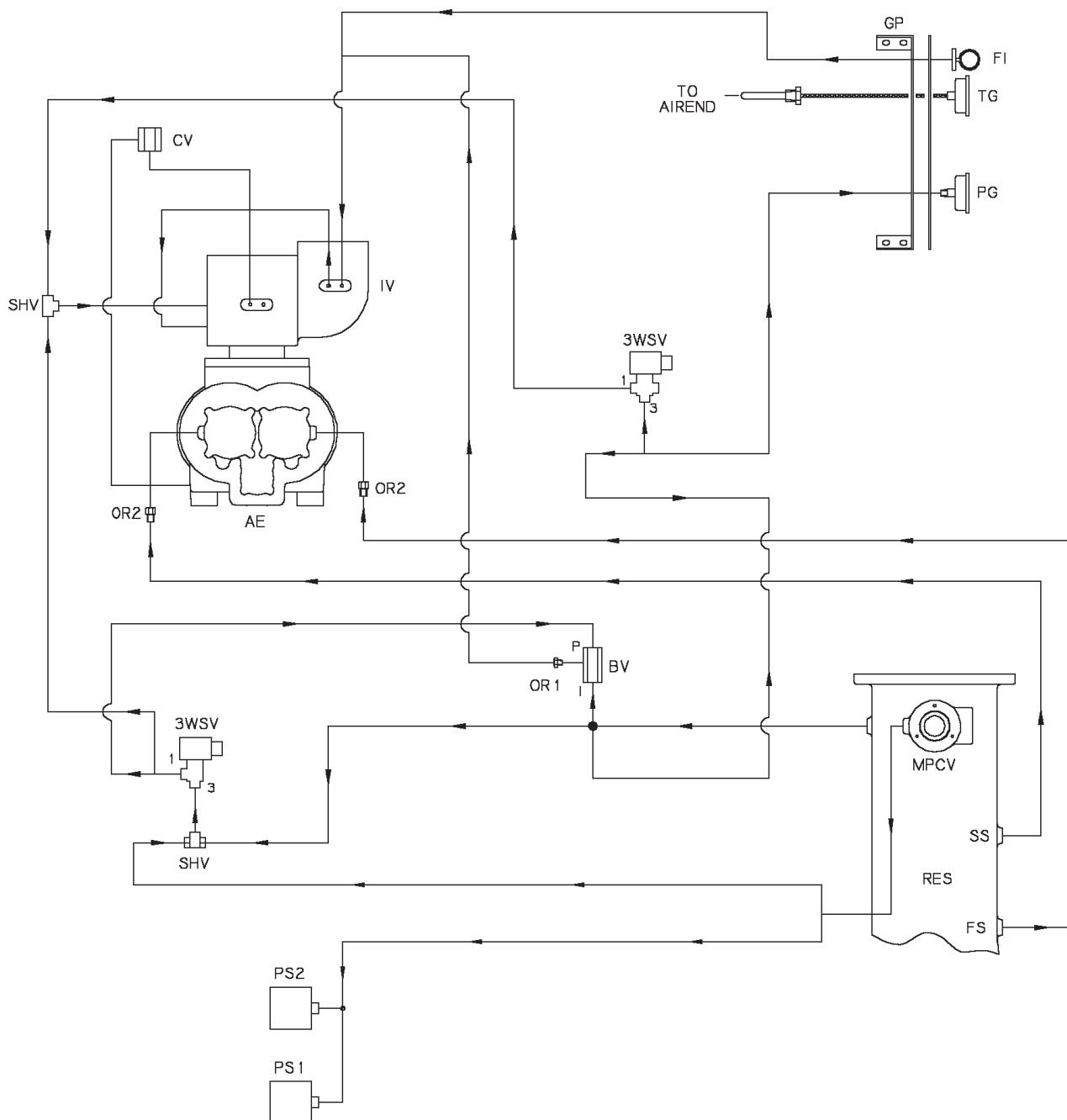


AE	AIREND	OR2	ORIFICE (0.04)
BV	BLOWDOWN VALVE	PG	PRESSURE GAUGE
CG	CAPACITY GAUGE	PR	PRESSURE REGULATOR
CV	CHECK VALVE	PS1	PRESSURE SWITCH
FI	AIR FILTER INDICATOR	PS2	PRESSURE SWITCH (LEAD/LAG ONLY)
FS	FIRST STAGE SCAVENGE LINE	RES	RESERVOIR
GP	GAUGE PANEL	SHV	SHUTTLE VALVE
IV	INLET VALVE	SS	SECOND STAGE SCAVENGE LINE
LF	LINE FILTER	TG	TEMPERATURE GAUGE
MPCV	MINIMUM PRESSURE CHECK VALVE	VC	VALVE CAPACITY
OR1	ORIFICE (0.14)	3WSV	3-WAY SOLENOID VALVE

CONTROL SCHEMATIC

(WYE-DELTA, LOAD/NO LOAD)

140256-002

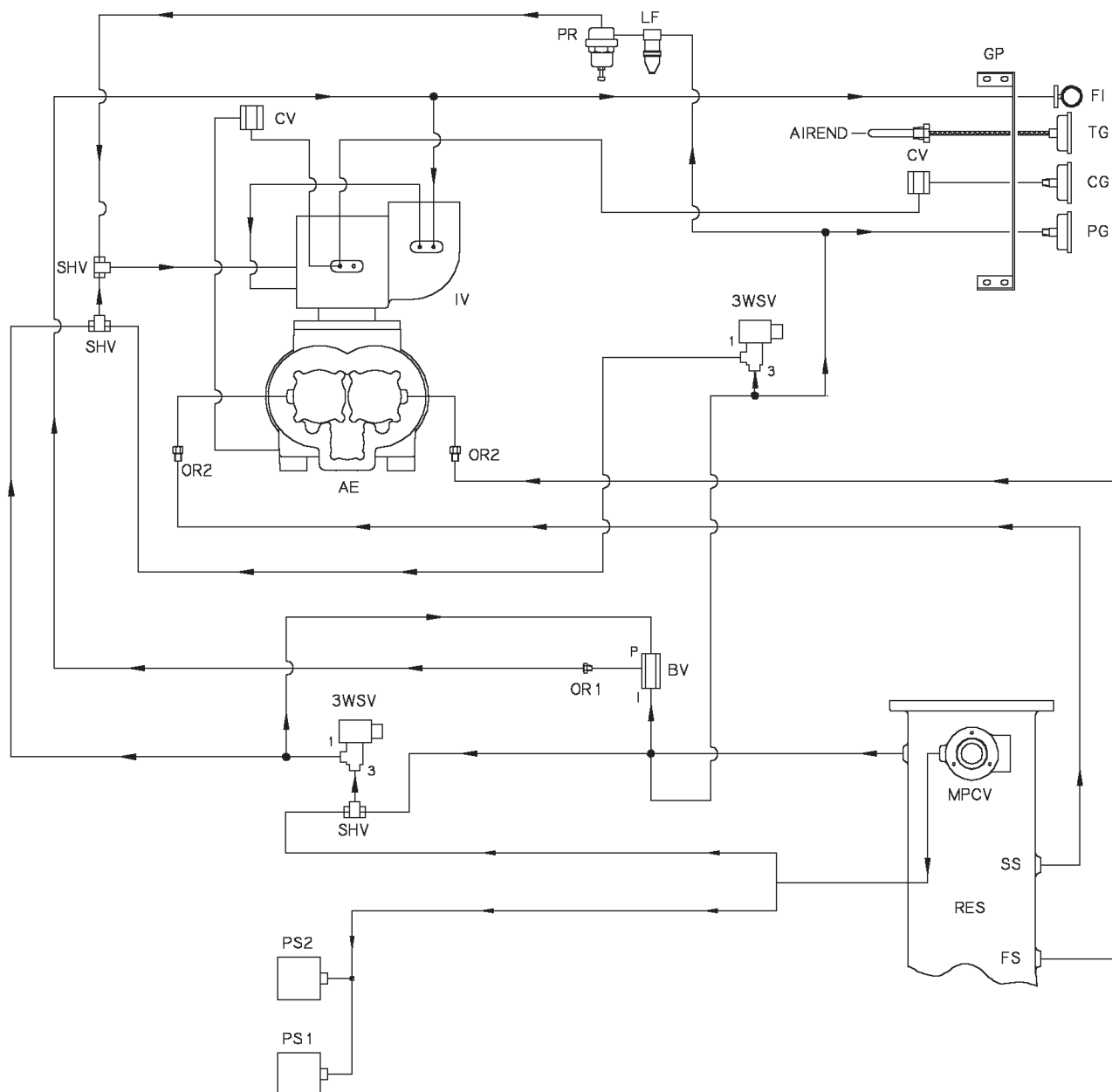


AE AIREND
 BV BLOWDOWN VALVE
 CV CHECK VALVE
 FI FILTER INDICATOR
 FS FIRST STAGE SCAVENGE LINE
 GP GAUGE PANEL
 IV INLET VALVE
 MPCV MINIMUM PRESSURE CHECK VALVE
 OR1 ORIFICE (0.14)

OR2 ORIFICE (0.04)
 PG PRESSURE GAUGE
 PS1 PRESSURE SWITCH
 PS2 PRESSURE SWITCH (LEAD/LAG ONLY)
 RES RESERVOIR
 SHV SHUTTLE VALVE
 SS SECOND STAGE SCAVENGE LINE
 TG TEMPERATURE GAUGE
 3WSV 3-WAY SOLENOID VALVE

CONTROL SCHEMATIC (WYE-DELTA, MODULATION)

140256-004

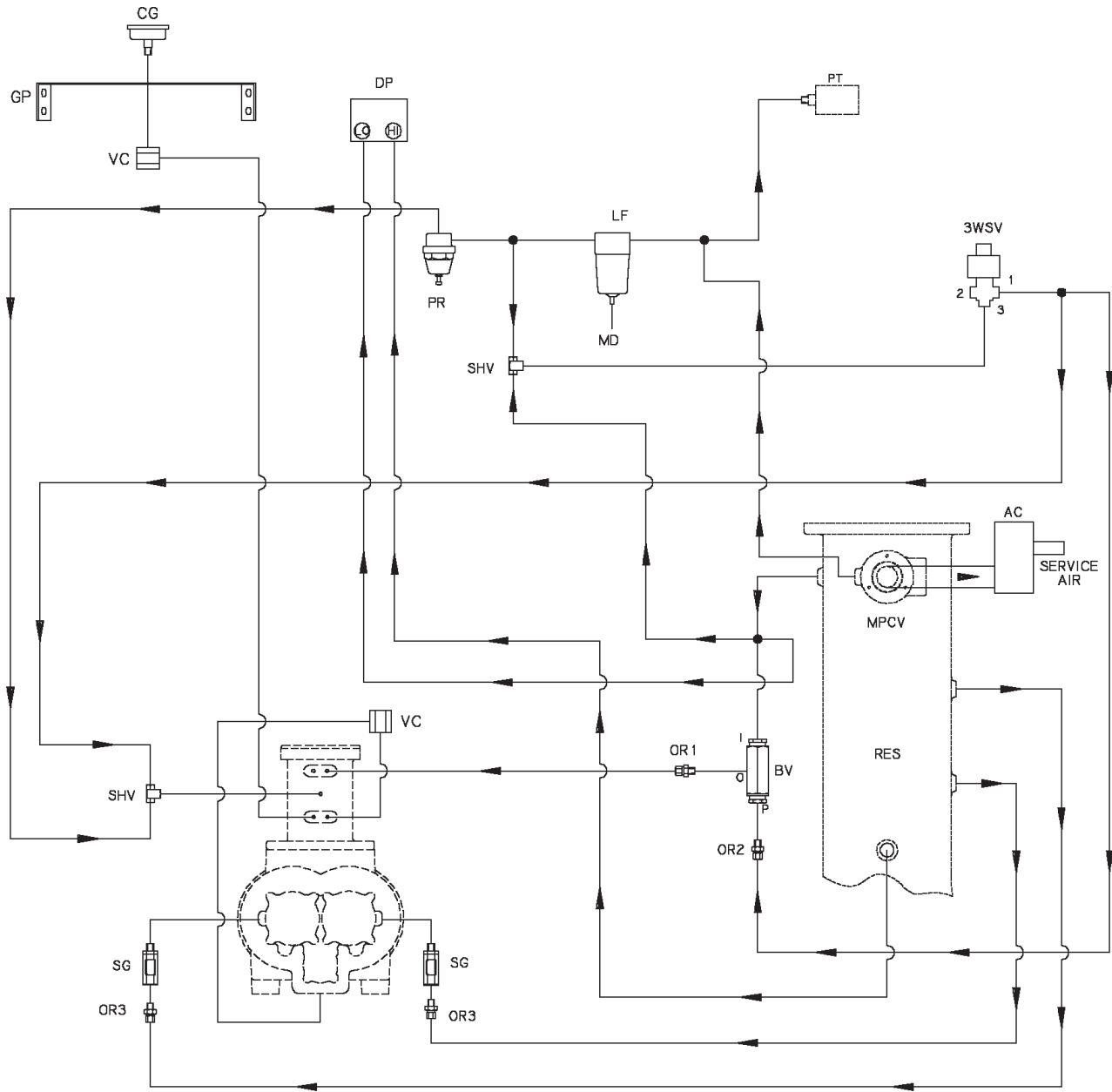


AE AIREND
BV BLOWDOWN VALVE
CG CAPACITY GAUGE
CV CAPACITY VALVE
FI AIR FILTER INDICATOR
FS FIRST STAGE SCAVENGE LINE
GP GAUGE PANEL
IV INLET VALVE
LF LINE FILTER
MPCV MINIMUM PRESSURE CHECK VALVE
OR1 ORIFICE {0.14}

OR2 ORIFICE {0.04}
PG PRESSURE GAUGE
PR PRESSURE REGULATOR
PS1 PRESSURE SWITCH
PS2 PRESSURE SWITCH {LEAD/LAG ONLY}
RES RESERVOIR
SHV SHUTTLE VALVE
SS SECOND STAGE SCAVENGE LINE
TG TEMPERATURE GAUGE
3WSV 3-WAY SOLENOID VALVE

CONTROL SCHEMATIC (ELECTRONIC CONTROL)

142415-2

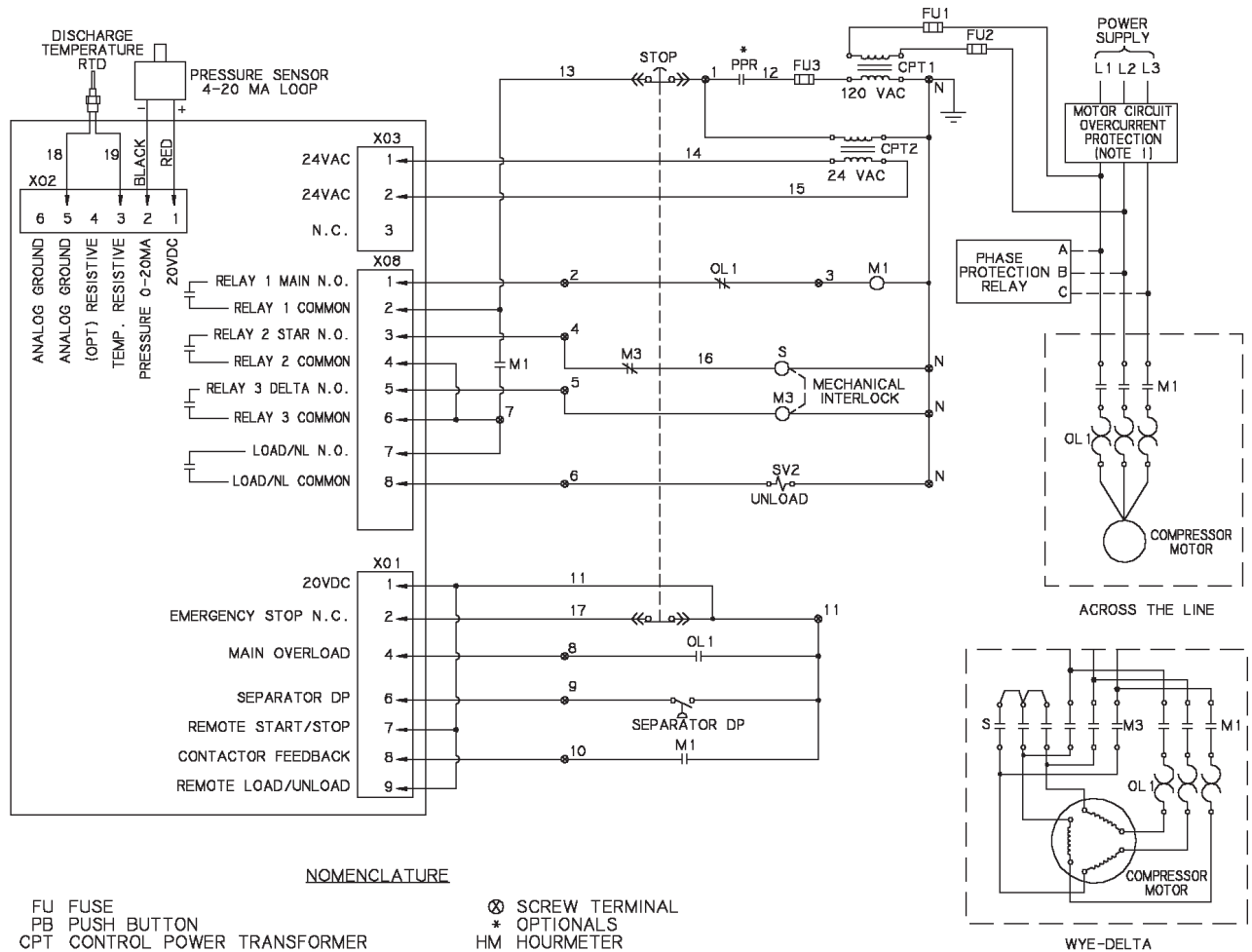


AC AFTERCOOLER
AE AIREND
BV BLOWDOWN VALVE
CG CAPACITY GAUGE
DP DIFFERENTIAL PRESSURE SWITCH-SEPARATOR
GP GAUGE PANEL
IV INLET VALVE
LF LINE FILTER
MPCV MINIMUM PRESSURE CHECK VALVE
MD MOISTURE DRAIN

OR1 ORIFICE (0.140)
OR2 ORIFICE (0.060)
OR3 ORIFICE (0.040)
PR PRESSURE REGULATOR
PT PRESSURE TRANSDUCER
RES RESERVOIR
SHV SHUTTLE VALVE
SS SEPARATOR SCAVENGE
VC VALVE CAPACITY
3WSV 3-WAY SOLENOID VALVE

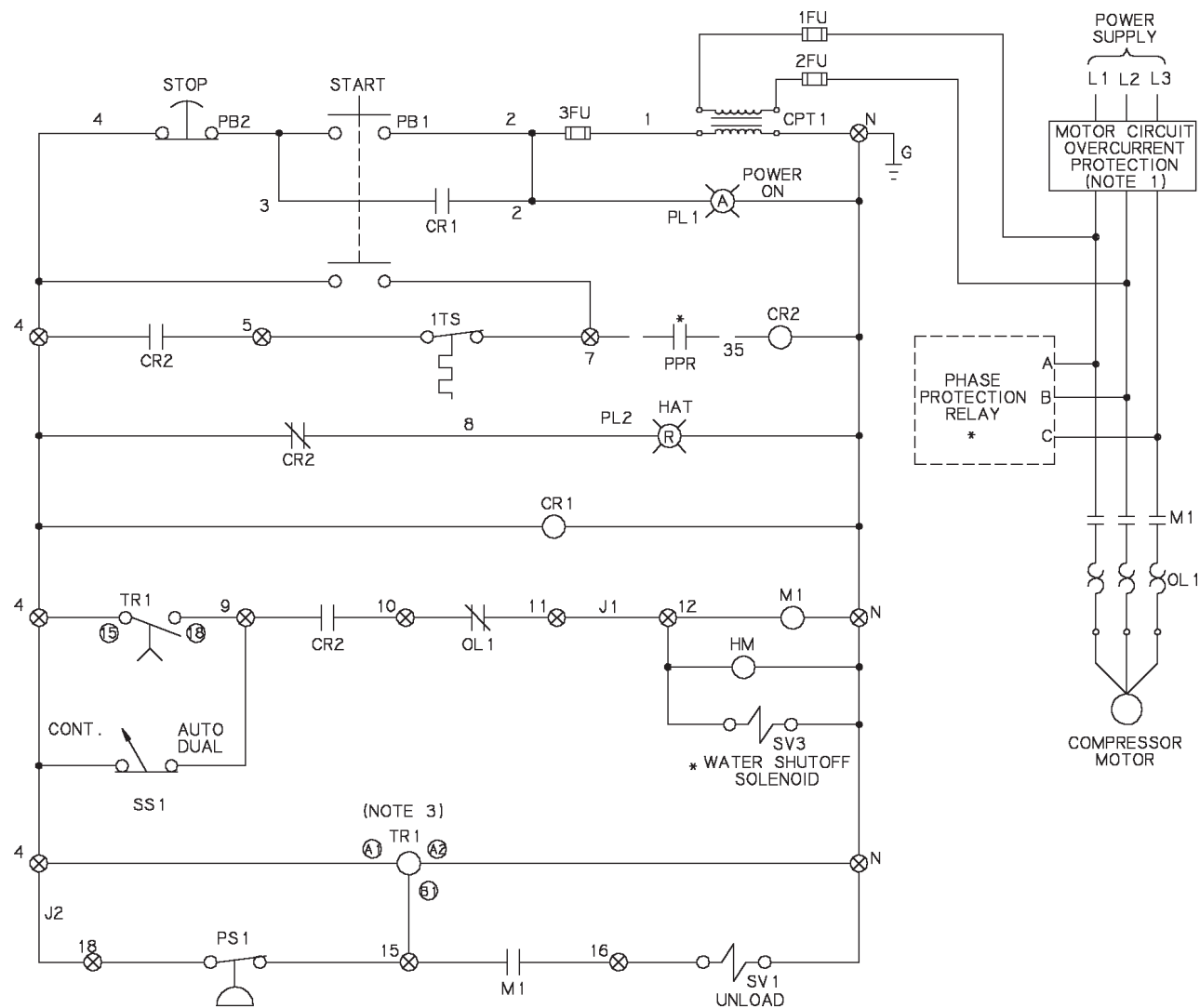
ELECTRICAL CONTROL DIAGRAM (ELECTRONIC CONTROL)

WP1915A/B



ELECTRICAL CONTROL DIAGRAM
(AUTO DUAL, ACROSS THE LINE)

WP2013A



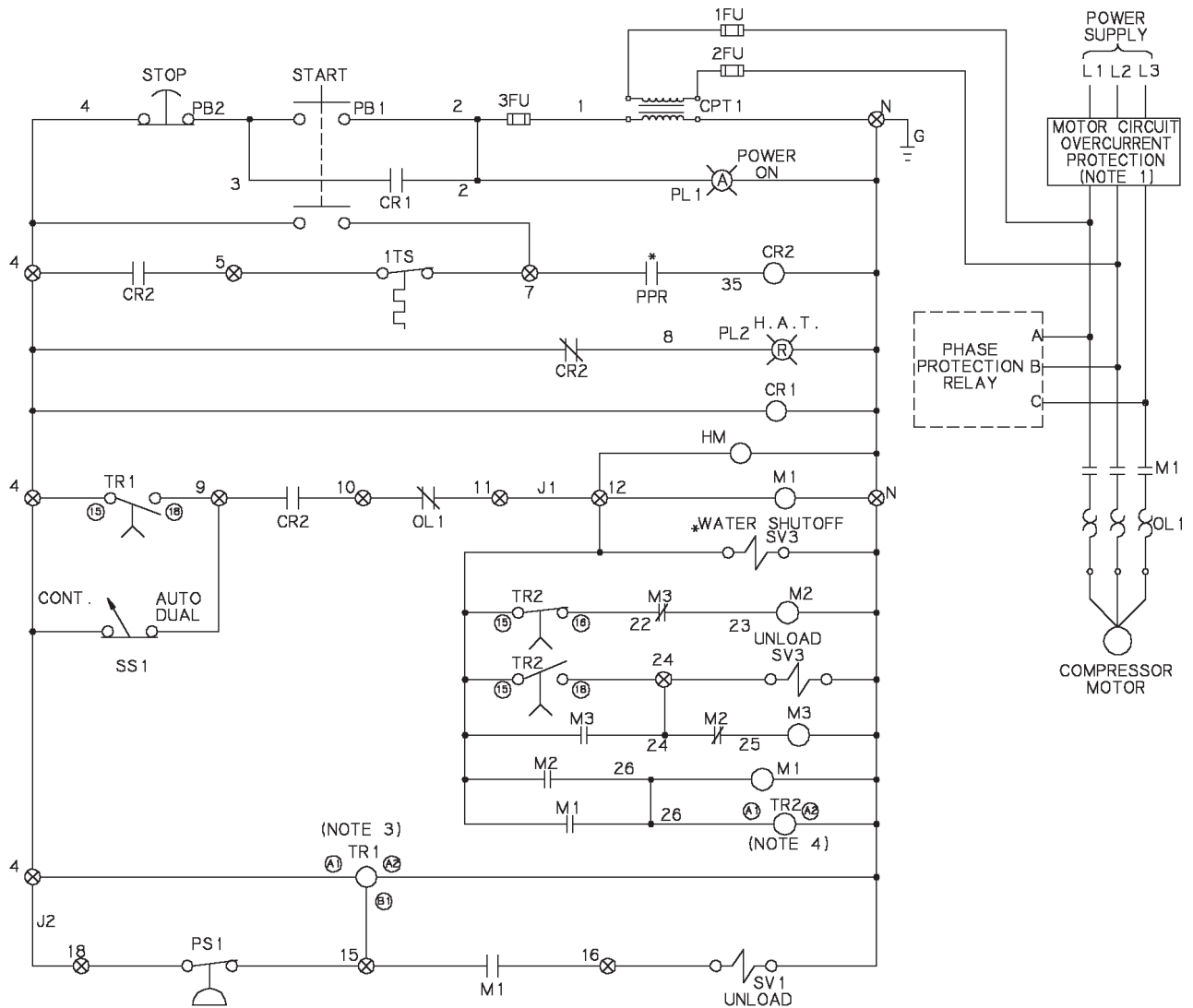
NOMENCLATURE

FU	FUSE	OL	OVERLOAD RELAY
PB	PUSH BUTTON	M	CONTACTOR
SS	SELECTOR SWITCH	SV	SOLENOID VALVE
CR	CONTROL RELAY	PS	PRESSURE SWITCH
CPT	CONTROL POWER TRANSFORMER	⊗	SCREW TERMINAL
TS	TEMPERATURE SWITCH	⊙	OCTAL SOCKET NUMBER
HAT	HIGH AIR TEMPERATURE	*	OPTIONALS
PL	PANEL LIGHT	HM	HOURLY METER
TR	TIMING RELAY	J	JUMPERS

- NOTES-UNLESS OTHERWISE SPECIFIED:
- 1) AT INSTALLATION, THE CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERCURRENT PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
 - 2) ALL WIRES ARE RED EXCEPT "N" WIRES ARE WHITE AND "G" WIRE IS GREEN.
 - 3) TR 1 TO BE SET TO OFF-DELAY AND HAVE A TIME SETTING OF 10-15 MINUTES.

ELECTRICAL CONTROL DIAGRAM (AUTO DUAL, WYE-DELTA)

WP2013A1



NOMENCLATURE

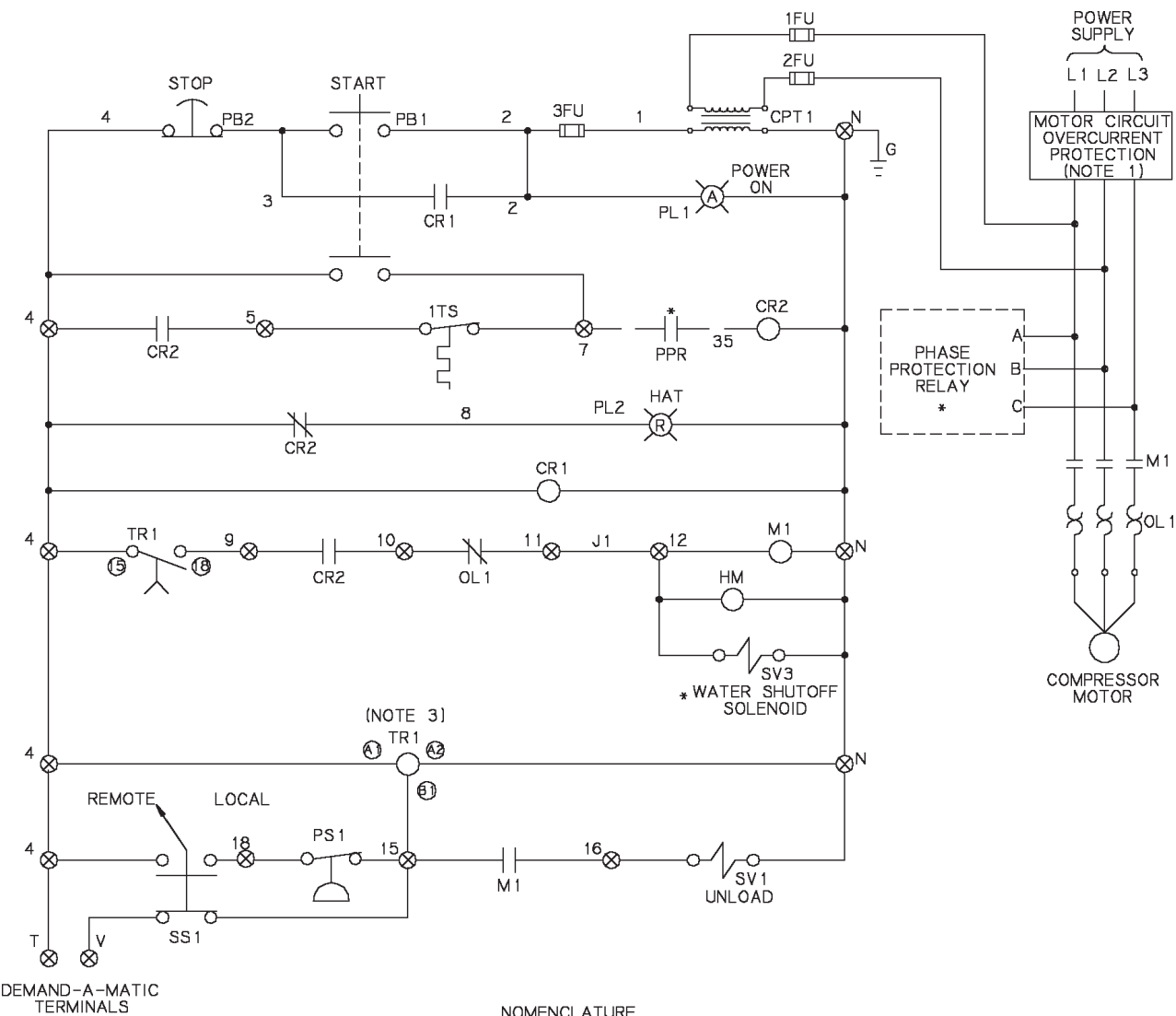
FU	FUSE	OL	OVERLOAD RELAY
PB	PUSH BUTTON	M	CONTACTOR
SS	SELECTOR SWITCH	SV	SOLENOID VALVE
CR	CONTROL RELAY	PS	PRESSURE SWITCH
CPT	CONTROL POWER TRANSFORMER	⊗	SCREW TERMINAL
TS	TEMPERATURE SWITCH	Ⓝ	OCTAL SOCKET NUMBER
HAT	HIGH AIR TEMPERATURE	*	OPTIONALS
PL	PANEL LIGHT	HM	HOURLY METER
TR	TIMING RELAY	J	JUMPERS

NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) AT INSTALLATION, THE CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERCURRENT PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
- 2) ALL WIRES ARE RED EXCEPT "N" WIRES ARE WHITE AND "G" WIRE IS GREEN.
- 3) TR1 TO BE SET TO OFF-DELAY AND HAVE A TIME SETTING OF 10-15 MINUTES.
- 4) TR2 TO BE SET TO ON-DELAY A AND HAVE A TIME SETTING OF 6 SECONDS.

ELECTRICAL CONTROL DIAGRAM
(AUTO DEMAND, ACROSS THE LINE)

WP2013B

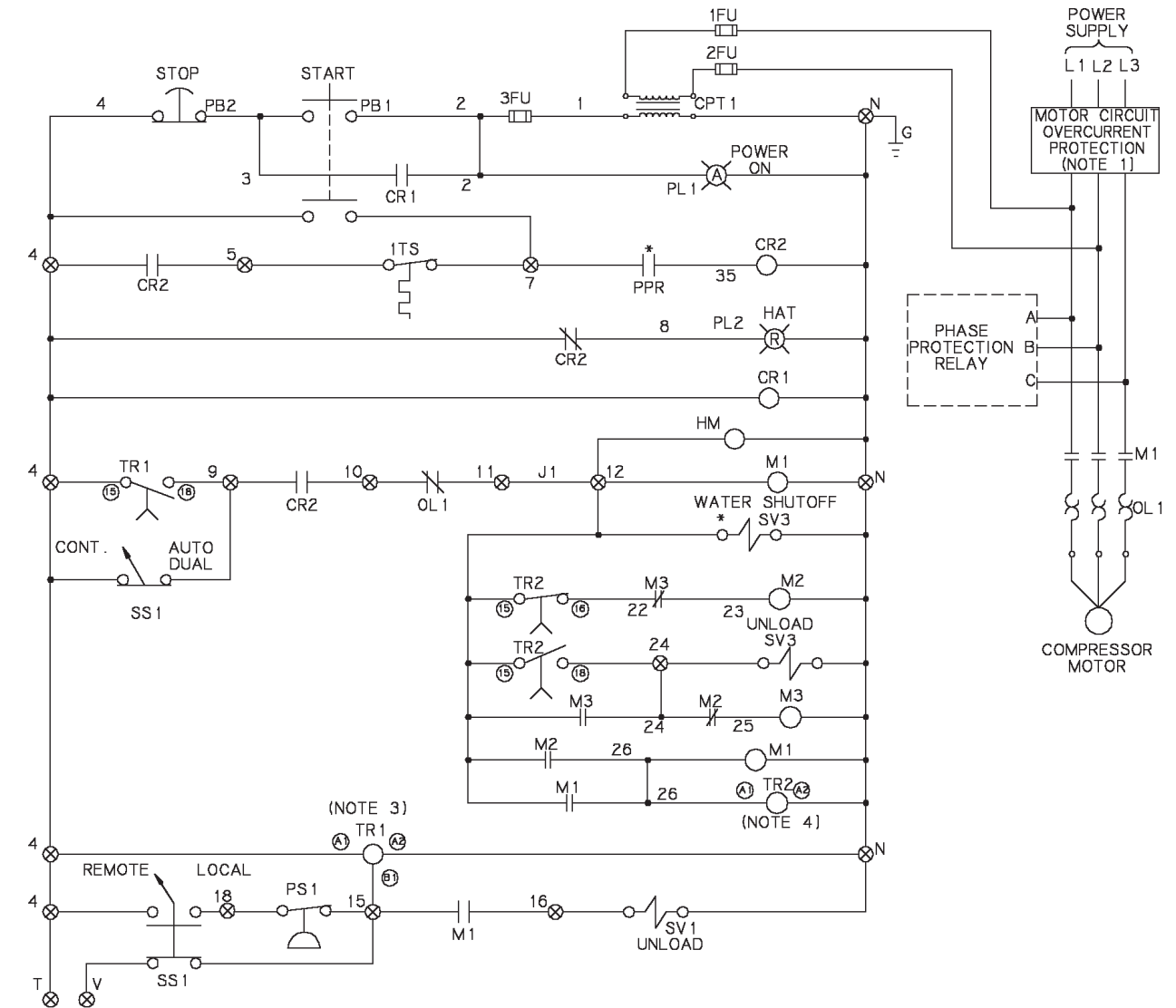


NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) AT INSTALLATION, THE CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERCURRENT PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
- 2) ALL WIRES ARE RED EXCEPT "N" WIRES ARE WHITE AND "G" WIRE IS GREEN.
- 3) TR1 TO BE SET TO OFF-DELAY AND HAVE A TIME SETTING OF 10-15 MINUTES.

ELECTRICAL CONTROL DIAGRAM (AUTO DEMAND, WYE-DELTA)

WP2013B1



DEMAND-A-MATIC
TERMINALS

NOMENCLATURE

FU	FUSE	OL	OVERLOAD RELAY
PB	PUSH BUTTON	M	CONTACTOR
SS	SELECTOR SWITCH	SV	SOLENOID VALVE
CR	CONTROL RELAY	PS	PRESSURE SWITCH
CPT	CONTROL POWER TRANSFORMER	⊗	SCREW TERMINAL
TS	TEMPERATURE SWITCH	Ⓝ	OCTAL SOCKET NUMBER
HAT	HIGH AIR TEMPERATURE	*	OPTIONALS
PL	PANEL LIGHT	HM	HOURMETER
TR	TIMING RELAY	J	JUMPERS

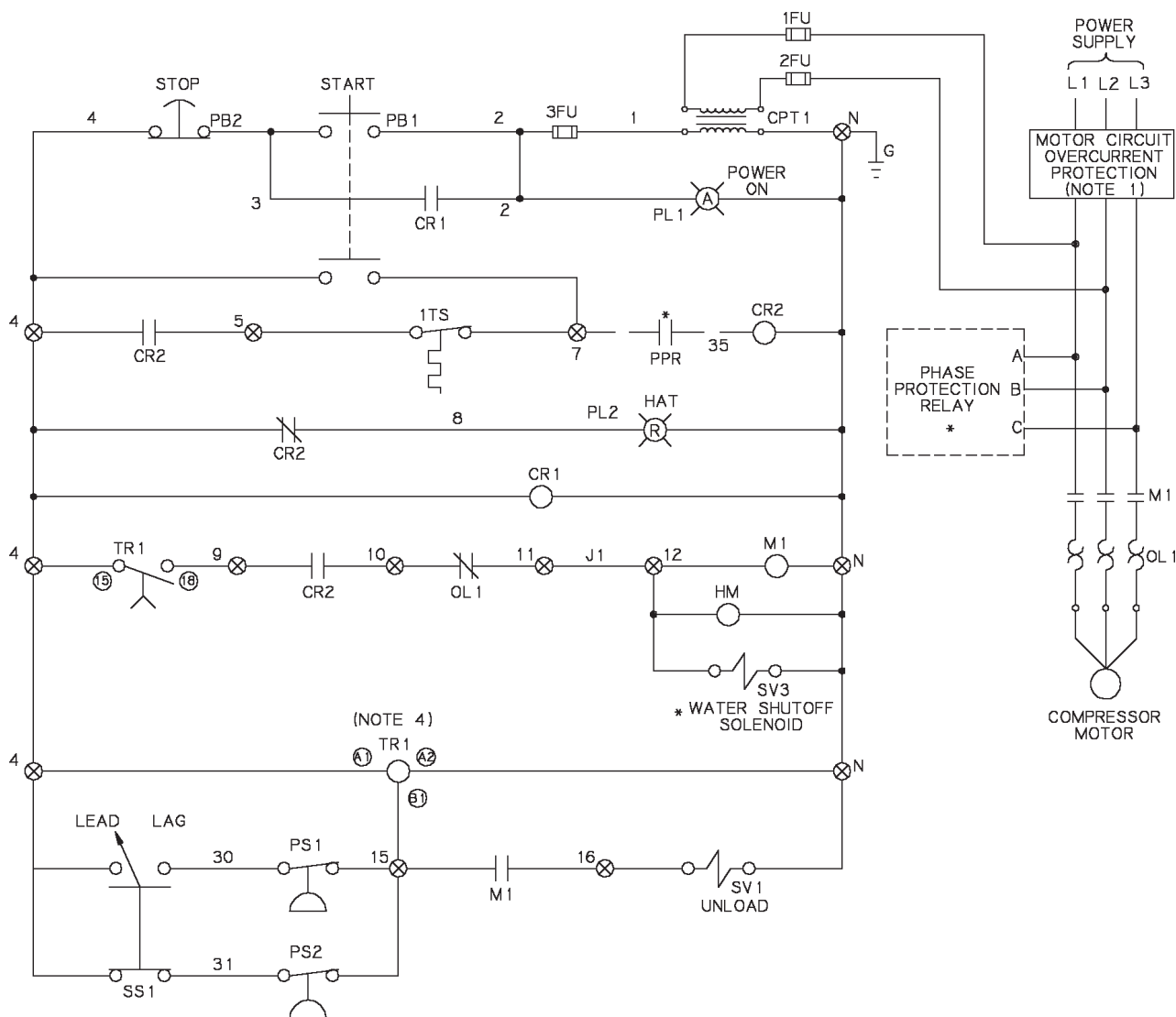
NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) AT INSTALLATION, THE CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERCURRENT PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
- 2) ALL WIRES ARE RED EXCEPT "N" WIRES ARE WHITE AND "G" WIRE IS GREEN.
- 3) TR1 TO BE SET TO OFF-DELAY AND HAVE A TIME SETTING OF 10-15 MINUTES.
- 4) TR2 TO BE SET TO ON-DELAY AND HAVE A TIME SETTING OF 6 SECONDS.

ELECTRICAL CONTROL DIAGRAM

(LEAD/LAG, ACROSS THE LINE)

WP2013D



NOMENCLATURE

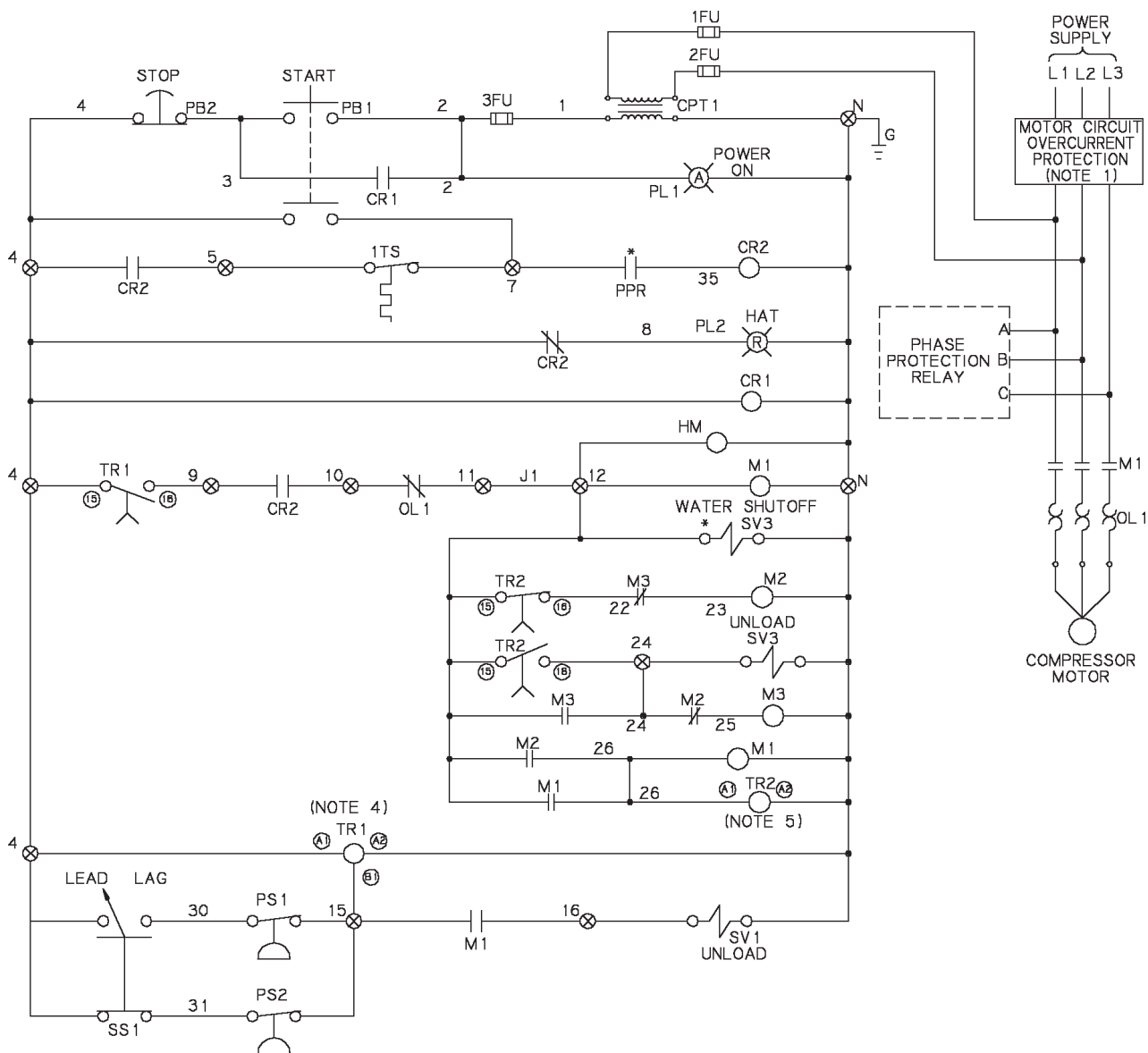
FU	FUSE	OL	OVERLOAD RELAY
PB	PUSH BUTTON	M	CONTACTOR
SS	SELECTOR SWITCH	SV	SOLENOID VALVE
CR	CONTROL RELAY	PS	PRESSURE SWITCH
CPT	CONTROL POWER TRANSFORMER	⊗	SCREW TERMINAL
TS	TEMPERATURE SWITCH	⊙	OCTAL SOCKET NUMBER
HAT	HIGH AIR TEMPERATURE	*	OPTIONALS
PL	PANEL LIGHT	HM	HOURLMETER
TR	TIMING RELAY	J	JUMPERS

NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) AT INSTALLATION, THE CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERCURRENT PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
- 2) ALL WIRES ARE RED EXCEPT "N" WIRES ARE WHITE AND "G" WIRE IS GREEN.
- 3) PS1 MUST NOT BE ADJUSTED TO CAUSE MOTOR LOAD TO EXCEED MOTOR NAMEPLATE. PS2 IS SET 5 PSIG LOWER THAN PS1.
- 4) TR1 TO BE SET TO OFF-DELAY AND HAVE A TIME SETTING OF 10-15 MINUTES.

ELECTRICAL CONTROL DIAGRAM (LEAD/LAG, WYE-DELTA)

WP2013D1



NOMENCLATURE

FU	FUSE	OL	OVERLOAD RELAY
PB	PUSH BUTTON	M	CONTACTOR
SS	SELECTOR SWITCH	SV	SOLENOID VALVE
CR	CONTROL RELAY	PS	PRESSURE SWITCH
CPT	CONTROL POWER TRANSFORMER	⊗	SCREW TERMINAL
TS	TEMPERATURE SWITCH	⊙	OCTAL SOCKET NUMBER
HAT	HIGH AIR TEMPERATURE	*	OPTIONALS
PL	PANEL LIGHT	HM	HOURMETER
TR	TIMING RELAY	J	JUMPERS

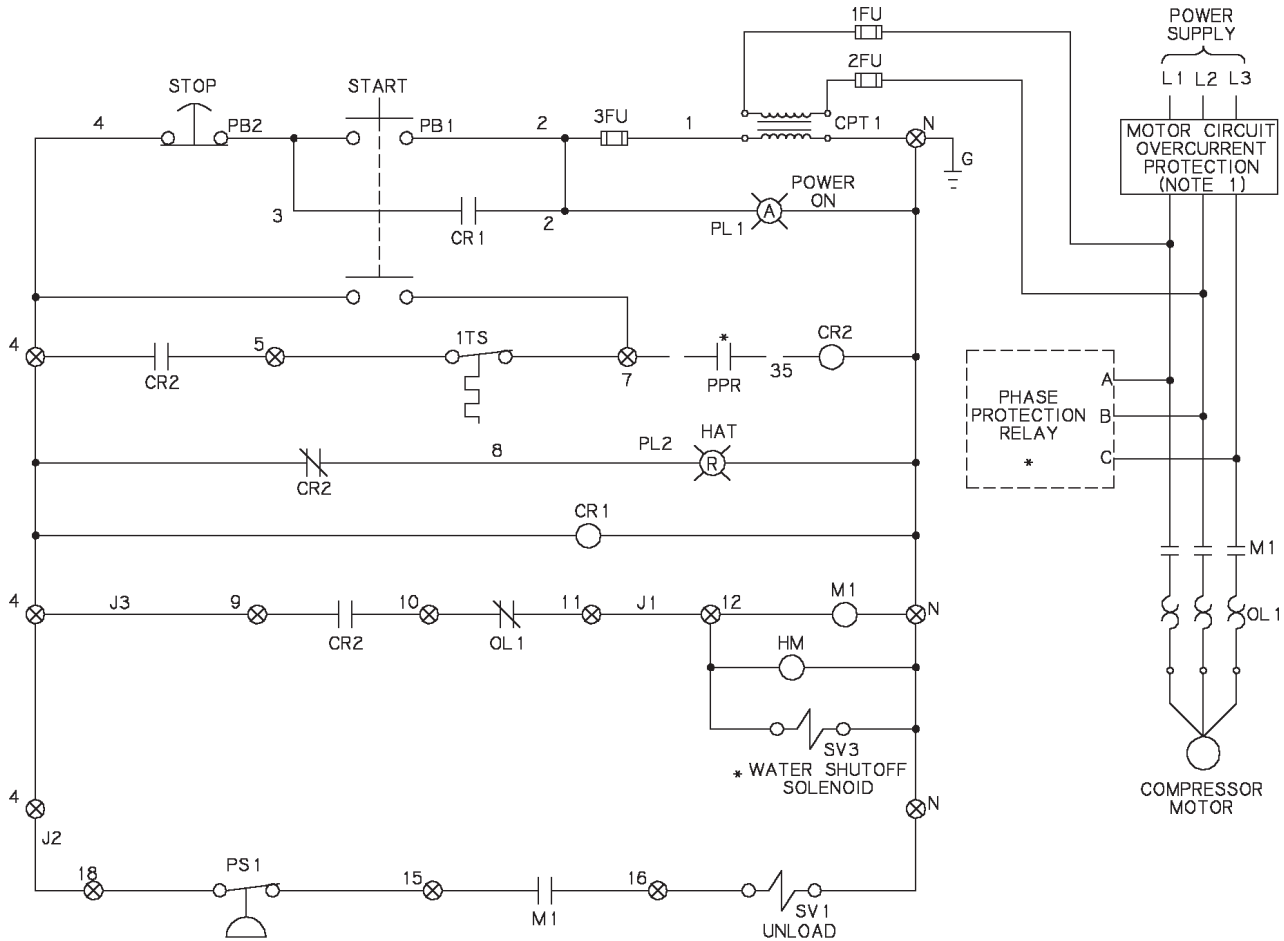
NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) AT INSTALLATION, THE CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERCURRENT PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
- 2) ALL WIRES ARE RED EXCEPT "N" WIRES ARE WHITE AND "G" WIRE IS GREEN.
- 3) PS1 MUST NOT BE ADJUSTED TO CAUSE MOTOR LOAD TO EXCEED MOTOR NAMEPLATE.
PS2 IS SET 5 PSIG LESS THAN PS1.
- 4) TR1 TO BE SET TO OFF-DELAY AND HAVE A TIME SETTING OF 10-15 MINUTES.
- 5) TR2 TO BE SET TO ON-DELAY AND HAVE A TIME SETTING OF 6 SECONDS.

ELECTRICAL CONTROL DIAGRAM

(CONTINUOUS RUN, ACROSS THE LINE)

WP2013C



NOMENCLATURE

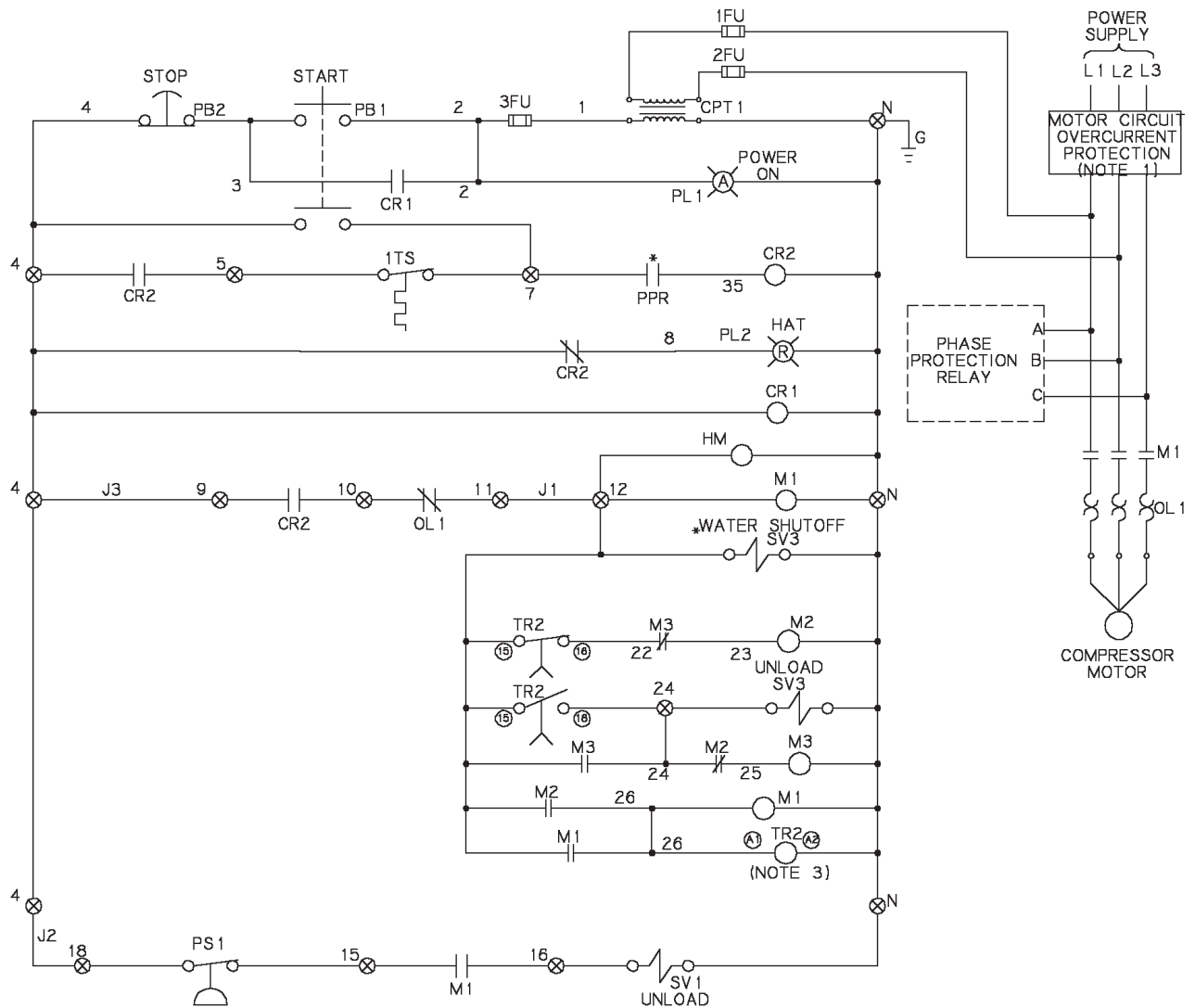
FU	FUSE	OL	OVERLOAD RELAY
PB	PUSH BUTTON	M	CONTACTOR
SS	SELECTOR SWITCH	SV	SOLENOID VALVE
CR	CONTROL RELAY	PS	PRESSURE SWITCH
CPT	CONTROL POWER TRANSFORMER	⊗	SCREW TERMINAL
TS	TEMPERATURE SWITCH	⊙	OCTAL SOCKET NUMBER
HAT	HIGH AIR TEMPERATURE	*	OPTIONALS
PL	PANEL LIGHT	HM	HOURLMETER
TR	TIMING RELAY	J	JUMPERS

NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) AT INSTALLATION, THE CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERCURRENT PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
- 2) ALL WIRES ARE RED EXCEPT "N" WIRES ARE WHITE AND "G" WIRE IS GREEN.

ELECTRICAL CONTROL DIAGRAM (CONTINUOUS RUN, WYE-DELTA)

WP2013C1



NOMENCLATURE

FU	FUSE	OL	OVERLOAD RELAY
PB	PUSH BUTTON	M	CONTACTOR
SS	SELECTOR SWITCH	SV	SOLENOID VALVE
CR	CONTROL RELAY	PS	PRESSURE SWITCH
CPT	CONTROL POWER TRANSFORMER	⊗	SCREW TERMINAL
TS	TEMPERATURE SWITCH	⊙	OCTAL SOCKET NUMBER
HAT	HIGH AIR TEMPERATURE	*	OPTIONALS
PL	PANEL LIGHT	HM	HOURLMETER
TR	TIMING RELAY	J	JUMPERS

NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) AT INSTALLATION, THE CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERCURRENT PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
- 2) ALL WIRES ARE RED EXCEPT "N" WIRES ARE WHITE AND "G" WIRE IS GREEN.
- 3) TR2 TO BE SET TO ON-DELAY A AND HAVE A TIME SETTING OF 6 SECONDS.

Notes

[illegible]

QUINCY COMPRESSOR AND ORTMAN FLUID POWER DIVISIONS

STANDARD TERMS AND CONDITIONS

LEGAL EFFECT: Except as expressly otherwise agreed to in writing by an authorized representative of Seller, the following terms and conditions shall apply to and form a part of this order and any additional and/or different terms of Buyer's purchase order or other form of acceptance are rejected in advance and shall not become a part of this order.

The rights of Buyer hereunder shall be neither assignable nor transferable except with the written consent of Seller.

This order may not be canceled or altered except with the written consent of Seller and upon terms which will indemnify Seller against all loss occasioned thereby. All additional costs incurred by Seller due to changes in design or specifications, modification of this order or revision of product must be paid for by Buyer.

In addition to the rights and remedies conferred upon Seller by this order, Seller shall have all rights and remedies conferred at law and in equity and shall not be required to proceed with the performance of this order if Buyer is in default in the performance of such order or of any other contract or order with seller.

TERMS OF PAYMENT: Unless otherwise specified in the order acknowledgment, the terms of payment shall be net cash within thirty (30) days after shipment. These terms shall apply to partial as well as complete shipments. If any proceeding be initiated by or against Buyer under any bankruptcy or insolvency law, or in the judgment of Seller the financial condition of Buyer, at the time the equipment is ready for shipment, does not justify the terms of payment specified, Seller reserves the right to require full payment in cash prior to making shipment. If such payment is not received within fifteen (15) days after notification of readiness for shipment, Seller may cancel the order as to any unshipped item and require payment of its reasonable cancellation charges.

If Buyer delays shipment, payments based on date of shipment shall become due as of the date when ready for shipment. If Buyer delays completion of manufacture, Seller may elect to require payment according to percentage of completion. Equipment held for Buyer shall be at Buyer's risk and storage charges may be applied at the discretion of Seller.

Accounts past due shall bear interest at the highest rate lawful to contract for but if there is no limit set by law, such interest shall be eighteen percent (18%). Buyer shall pay all cost and expenses, including reasonable attorney's fees, incurred in collecting the same, and no claim, except claims within Seller's warranty of material or workmanship, as stated below, will be recognized unless delivered in writing to Seller within thirty (30) days after date of shipment.

TAXES: All prices exclude present and future sales, use, occupation, license, excise, and other taxes in respect of manufacture, sales or delivery, all of which shall be paid by Buyer unless included in the purchase price at the proper rate or a proper exemption certificate is furnished.

ACCEPTANCE: All offers to purchase, quotations and contracts of sales are subject to final acceptance by an authorized representative at Seller's plant.

DELIVERY: Except as otherwise specified in this quotation, delivery will be F. O. B. point of shipment. In the absence of exact shipping instruction, Seller will use its discretion regarding best means of insured shipment. No liability will be accepted by Seller for so doing. All transportation charges are at Buyer's expense. Time of delivery is an estimate only and is based upon the receipt of all information and necessary approvals. The shipping schedule shall not be construed to limit seller in making commitments for materials or in fabricating articles under this order in accordance with Seller's normal and reasonable production schedules.

Seller shall in no event be liable for delays caused by fires, acts of God, strikes, labor difficulties, acts of governmental or military authorities, delays in transportation or procuring materials, or causes of any kind beyond Seller's control. No provision for liquidated damages for any cause shall apply under this order. Buyer shall accept delivery within thirty (30) days after receipt of notification of readiness for shipment. Claims for shortages will be deemed to have been waived if not made in writing within ten (10) days after the receipt of the material in respect of which any such shortage is claimed. Seller is not responsible for loss or damage in transit after having

received "In Good Order" receipt from the carrier. All claims for loss or damage in transit should be made to the carrier.

TITLE & LIEN RIGHTS: The equipment shall remain personal property, regardless of how affixed to any realty or structure. Until the price (including any notes given therefore) of the equipment has been fully paid in cash, Seller shall, in the event of Buyer's default, have the right to repossess such equipment.

PATENT INFRINGEMENT: If properly notified and given an opportunity to do so with friendly assistance, Seller will defend Buyer and the ultimate user of the equipment from any actual or alleged infringement of any published United States patent by the equipment or any part thereof furnished pursuant hereto (other than parts of special design, construction, or manufacture specified by and originating with Buyer), and will pay all damages and costs awarded by competent court in any suit thus defended or of which it may have had notice and opportunity to defend as aforesaid.

STANDARD WARRANTY: Seller warrants that products of its own manufacture will be free from defects in workmanship and materials under normal use and service for the period specified in the product instruction manual. Warranty for service parts will be ninety (90) days from date of factory shipment. Electric Motors, gasoline and diesel engines, electrical apparatus and all other accessories, components and parts not manufactured by Seller are warranted only to the extent of the original manufacturer's warranty.

Notice of the alleged defect must be given to the Seller, in writing with all identifying details including serial number, type of equipment and date of purchase within thirty (30) days of the discovery of the same during the warranty period.

Seller's sole obligation on this warranty shall be, at its option, to repair or replace or refund the purchase price of any product or part thereof which proves to be defective. If requested by Seller, such product or part thereof must be promptly returned to seller, freight prepaid, for inspection.

Seller warrants repaired or replaced parts of its own manufacture against defects in materials and workmanship under normal use and service for ninety (90) days or for the remainder of the warranty on the product being repaired.

This warranty shall not apply and Seller shall not be responsible or liable for:

- (a) Consequential, collateral or special losses or damages;
- (b) Equipment conditions caused by fair wear and tear, abnormal conditions of use, accident, neglect or misuse of equipment, improper storage or damage resulting during shipping;
- (c) Deviation from operating instructions, specifications or other special terms of sale;
- (d) Labor charges, loss or damage resulting from improper operation, maintenance or repairs made by person(s) other than Seller or Seller's authorized service station.

In no event shall Seller be liable for any claims whether arising from breach of contract or warranty or claims of negligence or negligent manufacture in excess of the purchase price.

THIS WARRANTY IS THE SOLE WARRANTY OF SELLERS AND ANY OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED IN LAW OR IMPLIED IN FACT, INCLUDING ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR USE ARE HEREBY SPECIFICALLY EXCLUDED.

LIABILITY LIMITATIONS: Under no circumstances shall the Seller have any liability for liquidated damages or for collateral, consequential or special damages or for loss of profits, or for actual losses or for loss of production or progress of construction, whether resulting from delays in delivery or performance, breach of warranty, negligent manufacture or otherwise.

ENVIROMENTAL AND OSHA REQUIREMENTS: At the time of shipment of the equipment from the factory, Quincy Compressor / Ortman Fluid Power will comply with the various Federal, State and local laws and regulations concerning occupational health and safety and pollution. However, in the installation and operation of the equipment and other matters over which the seller has no control, the Seller assumes no responsibility for compliance with those laws and regulations, whether by the way of indemnity, warranty or otherwise.

Quincy Service is always near.

There are authorized Quincy Distributors located worldwide that stock genuine Quincy parts & accessories for a wide range of Quincy products.

Quincy Service specialists are factory trained and will help keep you in business. Call for Authorized Quincy Service.



Quincy Compressor[®]

True Blue ReliabilitySM



Rotary/Vacuum/Systems: 251.937.5900
Reciprocating/Systems: 217.222.7700
Nearest Distributor: 888.424.7729
E-mail: trueblue@quincycompressor.com
Discover: www.quincycompressor.com

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Industries

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