



QSI-220i/245i

QSI-250i/300i

Direct Drive Industrial Air Compressor



Parts Manual

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.

Manual No. 2012203883

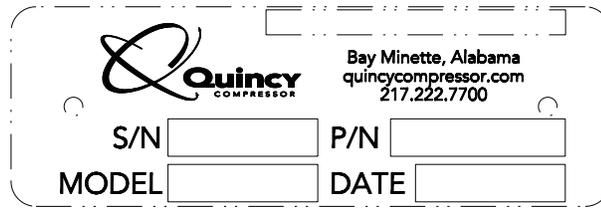
June 2017 Edition

Alphabetical Index

| | |
|--------------------------------------|------------------|
| Airend | 8-19 |
| Airend Mounting | 58-59 |
| Air Filter | 47-49 |
| Air Piping | 64-69 |
| Cabinet | 102-107 |
| Control Piping | 34-41 |
| Control Schematics | 110-112 |
| Cooler | 60-63 |
| Decals | 108-109 |
| Discharge Piping | 20 |
| Drive Coupling | 21 |
| Dryer (optional) | 86-101 |
| Electrical Control & Starting | 24-33 |
| Electrical Control Diagrams | 113-122 |
| Fluid Piping | 70-83 |
| Fluid Specifications | 6 |
| Inlet Valve | 46 |
| Motor Mounting | 52-57 |
| Ordering Replacement Parts | 5 |
| Q-Control (electronic control) | 42-45 |
| Recommended Spare Parts | 7 |
| Reservoir | 50-51 |
| Serial Number Identification | 5 |
| Shaft Seal Kit | 9/11/13/14/16/18 |
| Water Piping | 84-85 |

Serial Number Identification

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.



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. Part numbers should be verified per the bill of materials associated with the serial number to ensure that correct replacement parts are ordered.
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.

Fluid Specifications

Quincy Compressor® recommends that all Quincy Rotary Screw Products 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 Quincy Compressor products. If it is deemed necessary to convert a Quincy compressor or vacuum pump to a synthetic other than QuinSyn brand, please contact an authorized Quincy Compressor distributor. To locate your nearest distributor, contact Sales & Marketing in Bag minette Alabama:

Phone 251.937.5900 or visit our website:

<http://www.quincycompressor.com>.

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

| MODEL (CIRCLE CONFIGURATION): | HORSEPOWER | | COOLING A/C | PSI | | |
|-------------------------------|------------|-------|----------------|-----|-----|-----|
| | QSI | 50 60 | | 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.1627456069) from your local authorized Quincy Compressor distributor.

- **Fluid Requirements**

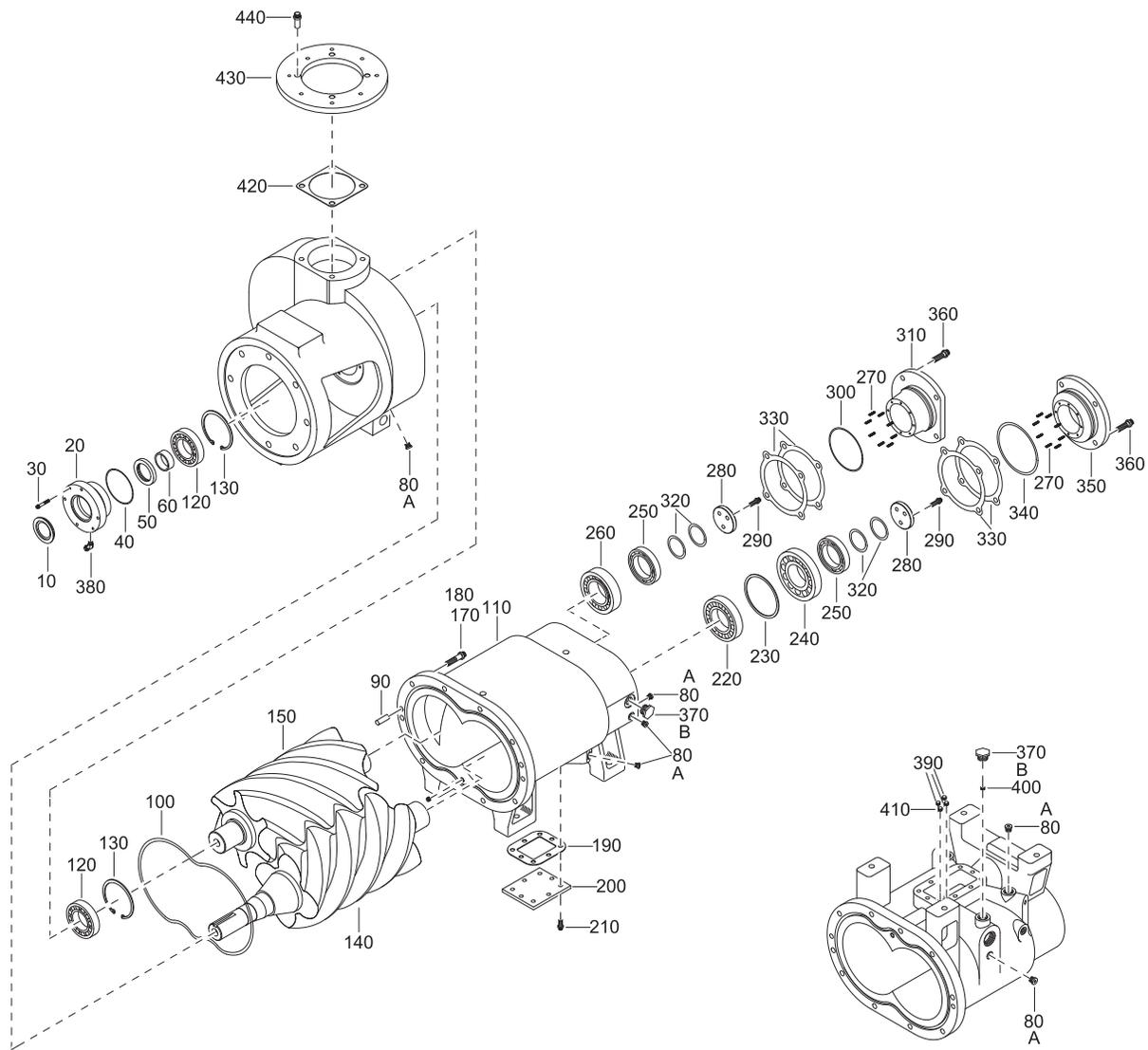
| | | |
|---------------|---|------------|
| QSI 220i/245i | - | 14 gallons |
| QSI 250i/300i | - | 14 gallons |

Recommended Spare Parts

| QTY. | PART NUMBER | DESCRIPTION |
|------|-------------|--|
| 1 | 2011020135 | SHAFT SEAL KIT |
| 1 | 2014706101 | SWITCH,TMP,230F 230-242,0,SPST |
| 1 | 1627456261 | DIFFERENTIAL PILOT VALVE KIT (INCLUDES DIAPHRAGM ASSEMBLY & SEAT) |
| 1 | 2013400360 | AIR FILTER ELEMENT |
| 1 | 2013402056 | AIR/FLUID SEPARATOR |
| 1 | 1627456072 | MINIMUM PRESSURE CHECK VALVE KIT |
| 1 | 2013400282 | FLUID FILTER ELEMENT |
| 1 | 1627456034 | THERMAL VALVE KIT (INCLUDES ELEMENT, SEAL & O-RING) |
| 3 | 1627456169 | QUINSYN-PG FLUID (5 GALLON CONTAINER) |
| 3 | 1627456172 | QUINSYN-PLUS FLUID (5 GALLON CONTAINER) |
| 3 | 1627456002 | QUINSYN-F FLUID (5 GALLON CONTAINER) |
| 3 | 2013100306 | QUINSYN-XP FLUID (5 GALLON CONTAINER) |

| | |
|---|--|
| <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: center; flex-grow: 1;"> <h3 style="margin: 0;">WARNING</h3> </div>  </div> <p style="margin-top: 10px;">GUARDS MUST BE FASTENED IN PLACE BEFORE STARTING THE MACHINE AND NEVER REMOVED BEFORE DISCONNECTING AND LOCKING OUT THE MAIN POWER SUPPLY.</p> | <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: center; flex-grow: 1;"> <h3 style="margin: 0;">DANGER</h3> </div>  </div> <p style="margin-top: 10px;">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.</p> |
|---|--|

Airend (less lift valves, less fluid pump) - 2012200583



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|---|
| 10 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 20 | 1 | 2014500380 | SEAL ADAPTER |
| 30 | 4 | 2014700317 | COUNTERBORE SCREW-1/4-20 UNC X 1.50, GRADE 8 (@ 9 FT-LBS) |
| 40 | 1 | 2014700603 | VITON O-RING -3.75 I.D. |
| 50 | 1 | 1627413033 | S HAFT SEAL |
| 60 | 1 | 1627413032 | WEARING SEAL |
| 70 | * | 2014300304 | INLET CASING |
| 80 | 11 | 2014705350 | PIPE PLUG-7/16-20 (O-RING) |
| 90 | 2 | 2014704487 | DOWEL PIN |
| 100 | 1 | 2014700607 | VITON O-RING -14.00 I.D. |
| | 1 | 2014700608 | VITON O-RING -16.00 I.D. (245I/50 HZ, 250I & 300I/60HZ, 300I/50 HZ/150#) |
| 110 | * | 2014300673 | ROTOR HOUSING |
| 120 | * | 2014500065 | ROTOR BEARING |
| 130 | * | 2014704265 | BEARING |
| 140 | * | 2014300645 | MALE ROTOR -204 MM |

Airend (less lift valves, less fluid pump) - 2012200583

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 150 | * | 2014300648 | FEMALE ROTOR -204 MM |
| 160 | 1 | 1627450257 | PLUG ORIFIC E-0.12 NPT |
| 170 | 9 | 2014700064 | COUNTERBORE SCR EW-1/2-13 UNC X 2.00, GRADE 8 (@ 75 FT-LBS) |
| 180 | 1 | 2025501276 | CAP SCREW-1/2-13 UNC X 1.75, GRADE 5 (@ 55 FT-LBS) |
| 190 | 1 | 2014502673 | FLUID GA LLERY PLAT E GASKET |
| | 1 | 2014502726 | FLUID GA LLERY PLAT E GASKET (245I/50 HZ, 250I & 300I, 300I/50 HZ/150#) |
| 200 | 1 | 2014502671 | FLUID GA LLERY CO VER PLAT E |
| | 1 | 2014502725 | FLUID GA LLERY CO VER PLAT E (245I/50 HZ, 250I & 300I, 300I/50 HZ/150#) |
| 210 | 8 | 2025501423 | COUNTERBORE SCREW-3/8-16 UNC X 1.00, GRAD E 8 (@ 35 FT-LBS) |
| 220 | * | 2014500067 | ROTOR BEARING |
| 230 | 1 | 2014704280 | BEARING RETAIN ER RING |
| 240 | * | 2014500524 | ROTOR BEARING |
| 250 | * | 2014500531 | ROTOR BEARING |
| 260 | * | 2014500530 | ROTOR BEARING |
| 270 | 16 | 2014501488 | COMPR ESSION SPRING |
| 280 | 2 | 2014501450 | BEARING RETAINER |
| 290 | 6 | 2014700291 | COUNT ERBORE SCREW-3/8-16 UNC X 1.25, GRAD E 8 (@ 45 FT-LBS , BACK OFF TO 25 FT-LBS) |
| 300 | 1 | 2014700558 | VITON O-RING -4.38 I.D. |
| 310 | 1 | 2014300668 | DISC HARG E END CAP |
| 320 | ** | 2014500846 | ROTOR SHIM -TEMP ERD ST EEL/BRASS |
| 330 | ** | 2014500580 | ROTOR SHIM -TEMP ERD ST EEL/BRASS |
| 340 | 1 | 2014700641 | VITON O-RING -5.25 I.D. |
| 350 | 1 | 2014300670 | DISC HARG E END CAP |
| 360 | 8 | 2014700299 | COUNTERBORE SCREW-1/2-13 UNC X 1.50, GRAD E 8 (@ 75 FT-LBS) |
| 370 | 3 | 2010356525 | PIPE PLUG-3/4-16 (O-RING) |
| 380 | 1 | 2014701185 | 45° MALE ELBO W-0.25 TUBE X 0.12 NPT |
| 390*** | 2 | 2013200489 | PLUG ORIFICE-0.125 NPT |
| | 3 | 2013200486 | PLUG ORIFICE-0.125 NPT (250I & 300I/50HZ) |
| 400*** | 1 | 2013200488 | PLUG ORIFICE-0.25 NPT |
| 410 | 1 | 2014701277 | PIPE PLUG-0.125 NPT (250I & 300I/50HZ ONLY) |
| 420**** | 1 | 1627413044 | INLET VALVE GASKET |
| 430**** | 1 | 2014600095 | INLETVALVE ADAPTER PLATE |
| 440**** | 4 | 2025501274 | CAP SCREW-1/2-13 UNC X 1.25, GRADE 5 (@ 55 FT-LBS) |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|----|------------|-------------------------|
| A | 11 | 2010356518 | VITON O-RING -0.35 I.D. |
| B | 3 | 2010356498 | VITON O-RING -0.64 I.D. |

* ITEMS NOT SOLD SEPARATELY, MUST BE ORDERED AS A COMPLETE AIREND.

** QUANTITY AS REQUIRED.

*** NOT USED ON QSI-245i/50 Hz, QSI-250i/-300i/60 Hz OR QSI-300i/50 Hz/150# UNITS.

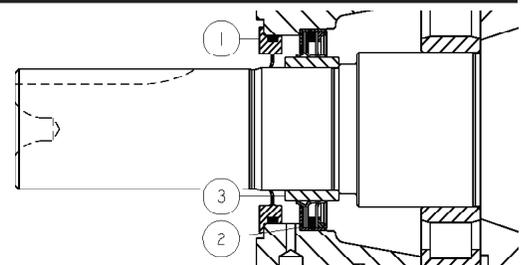
**** USED ONLY ON QSI-300i/50 Hz/150# UNITS.

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

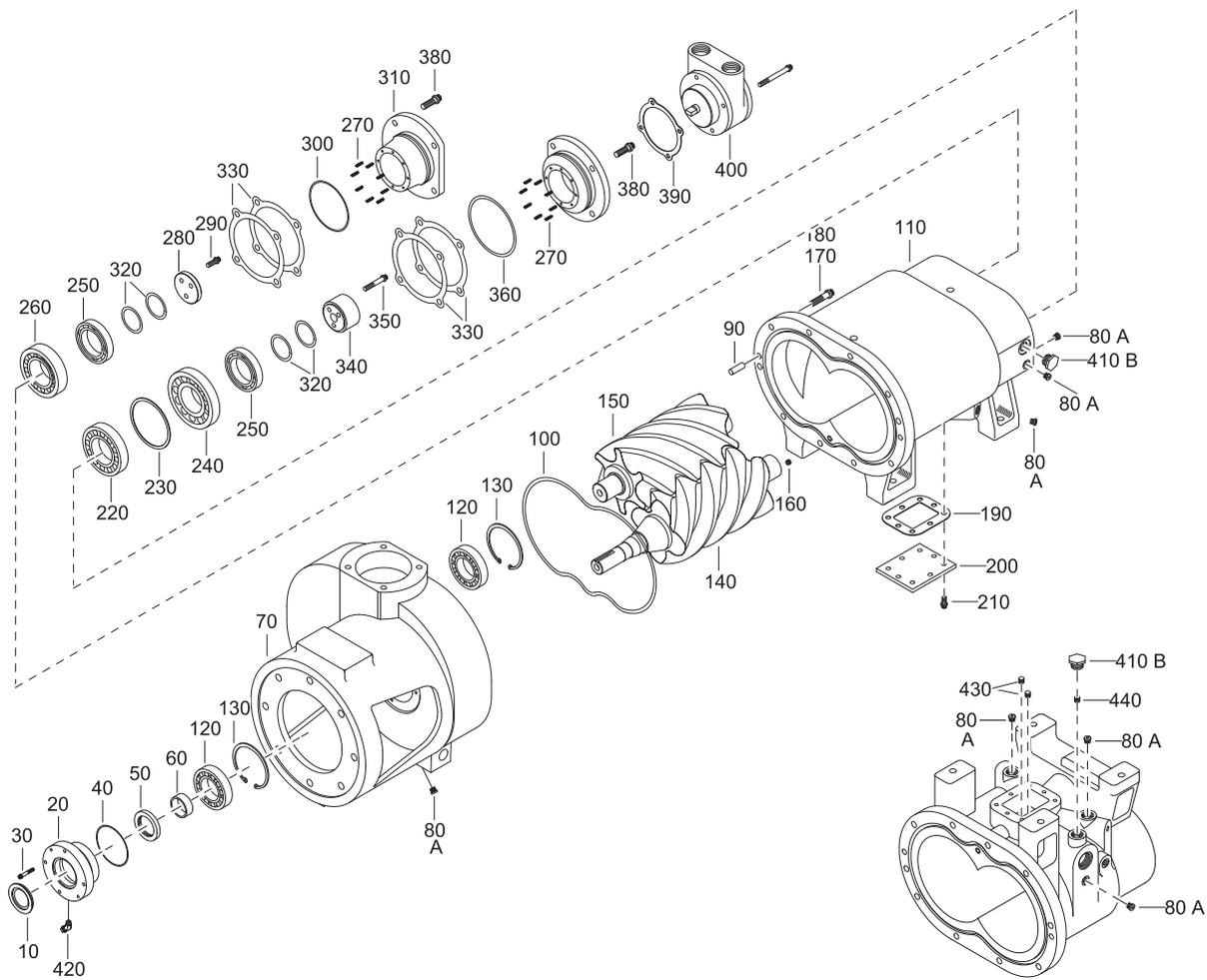
Shaft Seal Kit - 1627413038

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|-----------------------------|
| 1 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 2 | 1 | 1627413033 | SHAFT SEAL |
| 3 | 1 | 1627413032 | WEAR RING SEAL |

REFERENCE QSI INSTRUCTION MANUAL TO INSTALL COMPRESSOR
SHAFT SEAL. TOOL KIT 140284 FOR QSI SHAFT SEAL AND WEAR
RING INSTALLATION CAN BE PURCHASED FROM QUINCY COMPRESSOR.



Airend (less lift valves, with fluid pump (male pump drive)) - 2012200575



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 10 | 1 | 2014500404 | COMPR ESSOR FLUID SLINGER |
| 20 | 1 | 2014500380 | SEAL ADAPTER |
| 30 | 4 | 2014700317 | COUNTERBORE SCREW-1/4-20 UNC X 1.50, GRADE 8 (@ 9 FT-LBS) |
| 40 | 1 | 2014700603 | VITON O-RING-3.75 I.D. |
| 50 | 1 | 1627413033 | SHAFT SEAL |
| 60 | 1 | 1627413032 | WEAR RING SEAL |
| 70 | * | 2014300304 | INLET CASING |
| 80 | 11 | 2014705350 | PIPE PLUG-7/16-20 (O-RING) |
| 90 | 2 | 2014704487 | DOWEL PIN |
| 100 | 1 | 2014700607 | VITON O-RING-14.00 I.D. |
| | 1 | 2014700608 | VITON O-RING-16.00 I.D. |
| 110 | * | 2014300673 | ROTOR HOUSING |
| 120 | * | 2014500065 | ROTOR BEARING |
| 130 | * | 2014704265 | BEARING |
| 140 | * | 2014300645 | MALE ROTOR-204 MM |
| 150 | * | 2014300648 | FEMALE ROTOR-204 MM |
| 160 | 1 | 1627450257 | PLUG ORIFICE-0.12 NPT |

Airend (less lift valves, with fluid pump (male pump drive)) - 2012200575

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|---|
| 170 | 9 | 2014700064 | COUNTERBORE SCREW-1/2-13 UNC X 2.00, GRADE 8 (@ 75 FT-LBS) |
| 180 | 1 | 2025501276 | CAP SCREW-1/2-13 UNC X 1.75, GRADE 5 (@ 55 FT-LBS) |
| 190 | 1 | 2014502673 | FLUID GALLERY PLATE GASKET |
| | 1 | 2014502726 | FLUID GALLERY PLATE GASKET (245I/50 HZ, 250I & 300I, 300I/50 HZ/150#) |
| 200 | 1 | 2014502726 | FLUID GALLERY COVER PLATE |
| | 1 | 2010352529 | FLUID GALLERY COVER PLATE (245I/50 HZ, 250I & 300I, 300I/50 HZ/150#) |
| 210 | 8 | 2025501423 | COUNTERBORE SCREW-3/8-16 UNC X 1.00, GRADE 8 (@ 35 FT-LBS) |
| 220 | * | 2014500067 | ROTOR BEARING |
| 230 | 1 | 2014704280 | BEARING RETAINER RING |
| 240 | * | 2014500524 | ROTOR BEARING |
| 250 | * | 2014500531 | ROTOR BEARING |
| 260 | * | 2014500530 | ROTOR BEARING |
| 270 | 16 | 2014501488 | COMPRESSION SPRING |
| 280 | 1 | 2014501450 | BEARING RETAINER |
| 290 | 3 | 2014700291 | COUNTERBORE SCREW-3/8-16 UNC X 1.25, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 300 | 1 | 2014700558 | VITON O-RING-4.38 I.D. |
| 310 | 1 | 2014300668 | DISCHARGE END CAP |
| 320 | ** | 2014500846 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 330 | ** | 2014500580 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 340 | 1 | 2014500840 | BEARING RETAINER |
| 350 | 3 | 2014700293 | COUNTERBORE SCREW-3/8-16 UNC X 2.25, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 360 | 1 | 2014700641 | VITON O-RING-5.25 I.D. |
| 370 | 1 | 2014501447 | FLUID PUMP ADAPTER |
| 380 | 8 | 2014700299 | COUNTERBORE SCREW-1/2-13 UNC X 1.50, GRADE 8 (@ 75 FT-LBS) |
| 390 | 1 | 2014502674 | FLUID PUMP GASKET |
| 400 | 1 | 2014500123 | COMPRESSOR FLUID PUMP |
| 410 | 3 | 2010356525 | PIPE PLUG-3/4-16 (O-RING) |
| 420 | 1 | 2014701185 | 45° MALE ELBOW-0.25 TUBE X 0.12 NPT |
| 430*** | 2 | 2013200489 | PLUG ORIFICE-0.125 NPT |
| 440*** | 1 | 2013200488 | PLUG ORIFICE-0.25 NPT |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|----|------------|------------------------|
| A | 11 | 2010356518 | VITON O-RING-0.35 I.D. |
| B | 3 | 2010356498 | VITON O-RING-0.64 I.D. |

* ITEMS NOT SOLD SEPARATELY, MUST BE ORDERED AS A COMPLETE AIREND.

** QUANTITY AS REQUIRED.

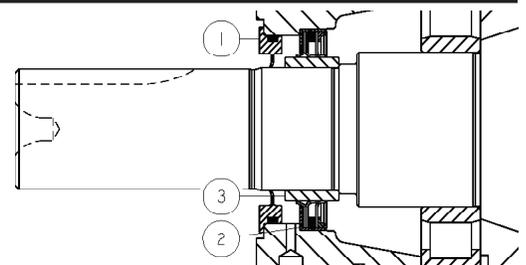
*** NOT USED ON QSI-245I/50 HZ, 250I/300I/60 HZ OR 300I/50 HZ/150# UNITS.

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

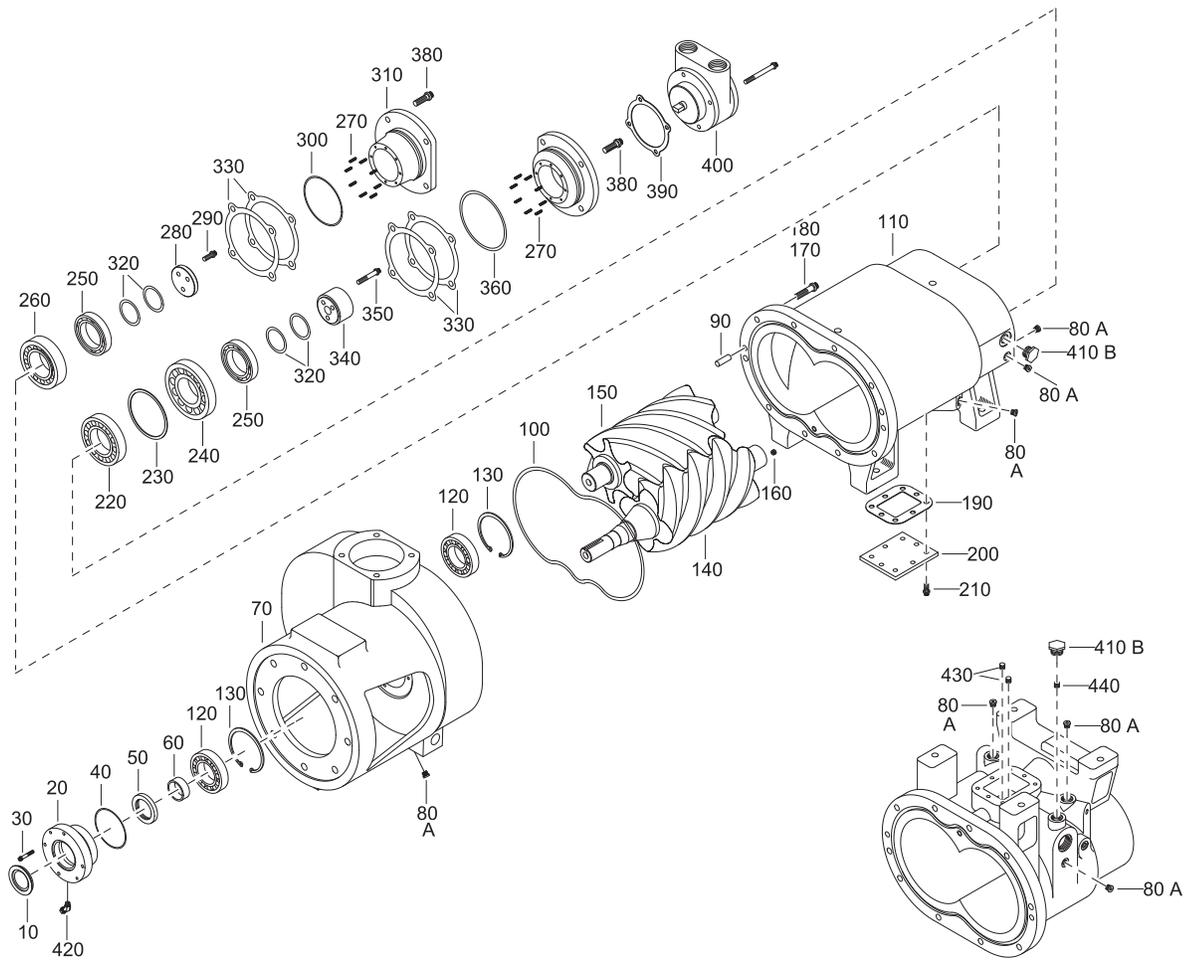
Shaft Seal Kit - 1627413038

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------|
| 1 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 2 | 1 | 1627413033 | SHAFT SEAL |
| 3 | 1 | 1627413032 | WEAR RING SEAL |

REFERENCE QSI INSTRUCTION MANUAL TO INSTALL COMPRESSOR SHAFT SEAL. TOOL KIT 140284 FOR QSI SHAFT SEAL AND WEAR RING INSTALLATION CAN BE PURCHASED FROM QUINCY COMPRESSOR.



Airend (less lift valves, with fluid pump (female pump drive)) -
2012200595



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 10 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 20 | 1 | 2014500380 | SEAL ADAPTER |
| 30 | 4 | 2014700317 | COUNTERBORE SCREW-1/4-20 UNC X 1.50, GRADE 8 (@ 9 FT-LBS) |
| 40 | 1 | 2014700603 | VITON O-RING-3.75 I.D. |
| 50 | 1 | 1627413033 | SHAFT SEAL |
| 60 | 1 | 1627413032 | WEAR RING SEAL |
| 70 | * | 2014300304 | INLET CASING |
| 80 | 11 | 2014705350 | PIPE PLUG-7/16-20 (O-RING) |
| 90 | 2 | 2014704487 | DOWEL PIN |
| 100 | 1 | 2014700607 | VITON O-RING-14.00 I.D. |
| 110 | * | 2014300696 | ROTOR HOUSING |
| 120 | * | 2014500065 | ROTOR BEARING |
| 130 | * | 2014704265 | BEARING |
| 140 | * | 2014300658 | MALE ROTOR-204 MM |
| 150 | * | 2014300660 | FEMALE ROTOR-204 MM |
| 160 | 1 | 1627450257 | PLUG ORIFICE-0.12 NPT |

Airend (less lift valves, with fluid pump (female pump drive)) -
2012200595

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|---|
| 170 | 10 | 2014700064 | COUNTERBORE SCREW-1/2-13 UNC X 2.00, GRADE 8 (@ 75 FT-LBS) |
| 180 | 1 | 2014502726 | FLUID GALLERY PLATE GASKET |
| 190 | 1 | 2014502725 | FLUID GALLERY COVER PLATE |
| 200 | 10 | 2025501423 | COUNTERBORE SCREW-3/8-16 UNC X 1.00, GRADE 8 (@ 35 FT-LBS) |
| 210 | * | 2014500067 | ROTOR BEARING |
| 220 | 1 | 2014704280 | BEARING RETAINER RING |
| 230 | * | 2014500524 | ROTOR BEARING |
| 240 | * | 2014500531 | ROTOR BEARING |
| 250 | * | 2014500530 | ROTOR BEARING |
| 260 | 16 | 2014501488 | COMPRESSION SPRING |
| 270 | 1 | 2014500858 | BEARING RETAINER |
| 280 | 3 | 2014700296 | CUNTERBORE SCREW-3/8-16 UNC X 3.00, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 290 | 1 | 2014700558 | VITON O-RING-4.38 I.D. |
| 300 | 1 | 2014501448 | FLUID PUMP ADAPTER |
| 310 | ** | 2014500846 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 320 | ** | 2014500580 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 330 | 1 | 2014501450 | BEARING RETAINER |
| 340 | 3 | 2014700291 | COUNTERBORE SCREW-3/8-16 UNC X 1.25, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 350 | 1 | 2014700641 | VITON O-RING-5.25 I.D. |
| 360 | 1 | 2014300670 | DISCHARGE END CAP |
| 370 | 8 | 2014700299 | COUNTERBORE SCREW-1/2-13 UNC X 1.50, GRADE 8 (@ 75 FT-LBS) |
| 380 | 1 | 2014502674 | FLUID PUMP GASKET |
| 390 | 1 | 2014500124 | COMPRESSOR FLUID PUMP |
| 400 | 3 | 2010356525 | PIPE PLUG-3/4-16 (O-RING) |
| 410 | 1 | 2014701185 | 45° MALE ELBOW-0.25 TUBE X 0.12 NPT |
| 420 | 3 | 2013200486 | PLUG ORIFICE-0.125 NPT |
| 430 | 1 | 2013200488 | PLUG ORIFICE-0.25 NPT |
| 440 | 1 | 2014701277 | PIPE PLUG-0.125 NPT |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|----|------------|------------------------|
| A | 11 | 2010356518 | VITON O-RING-0.35 I.D. |
| B | 3 | 2010356498 | VITON O-RING-0.64 I.D. |

* ITEMS NOT SOLD SEPARATELY, MUST BE ORDERED AS A COMPLETE AIREND.

** QUANTITY AS REQUIRED.

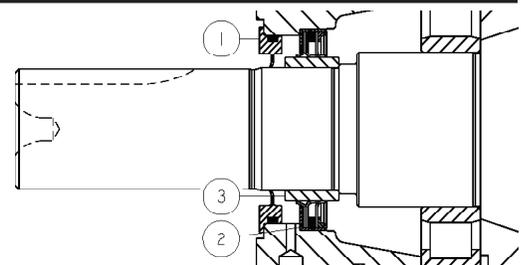
*** THIS CONFIGURATION (FEMALE PUMP DRIVE) IS USED ONLY ON QSI-250i/50 Hz & 300i/50 Hz.

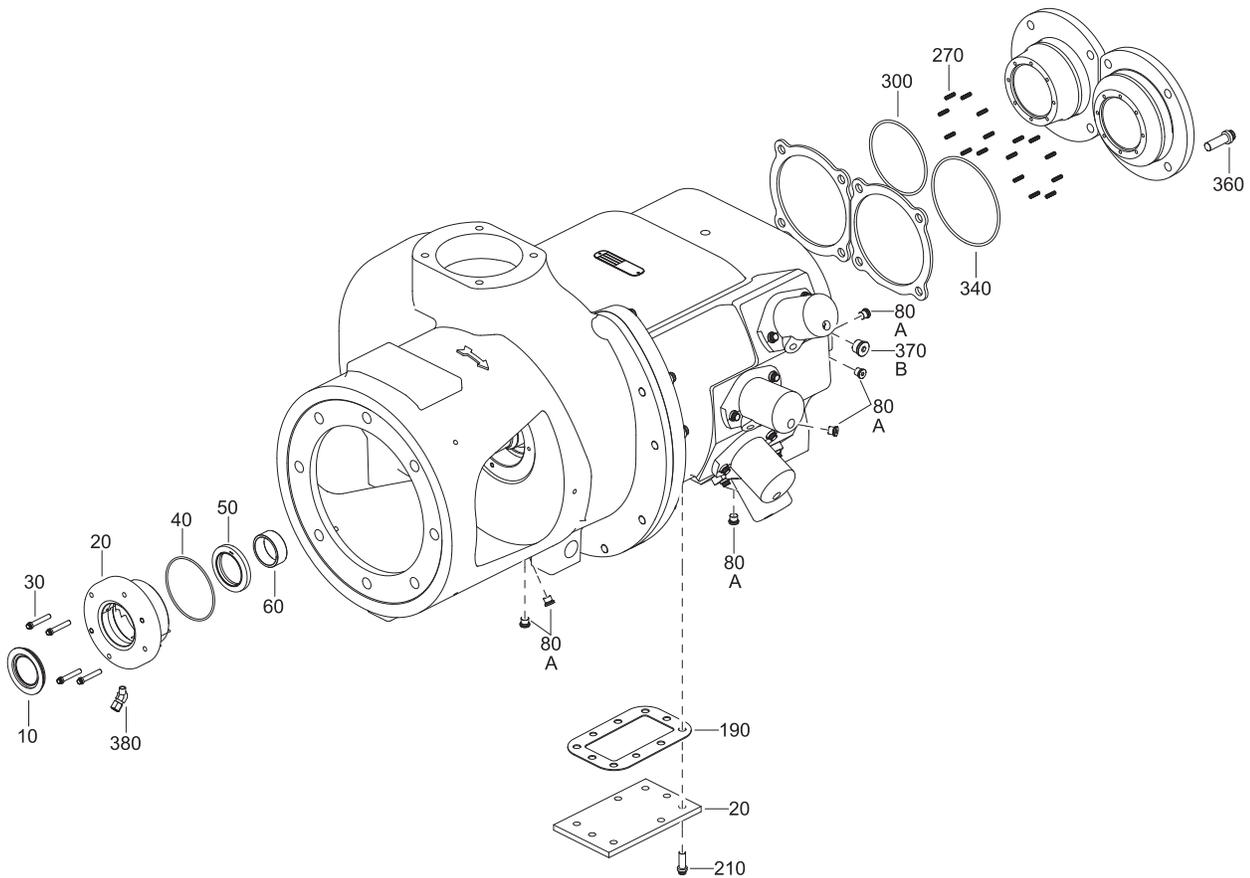
@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Shaft Seal Kit - 1627413038

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------|
| 1 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 2 | 1 | 1627413033 | SHAFT SEAL |
| 3 | 1 | 1627413032 | WEAR RING SEAL |

REFERENCE QSI INSTRUCTION MANUAL TO INSTALL COMPRESSOR SHAFT SEAL. TOOL KIT 140284 FOR QSI SHAFT SEAL AND WEAR RING INSTALLATION CAN BE PURCHASED FROM QUINCY COMPRESSOR.

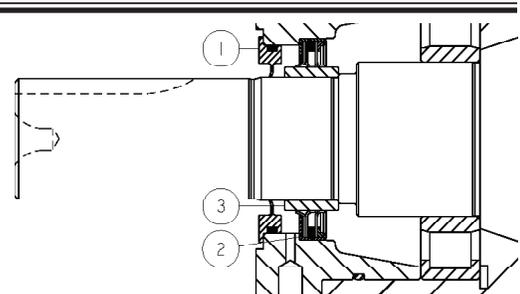




Shaft Seal Kit - 1627413038

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------|
| 1 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 2 | 1 | 1627413033 | SHAFT SEAL |
| 3 | 1 | 1627413032 | WEAR RING SEAL |

REFERENCE QSI INSTRUCTION MANUAL TO INSTALL COMPRESSOR SHAFT SEAL. TOOL KIT 140284 FOR QSI SHAFT SEAL AND WEAR RING INSTALLATION CAN BE PURCHASED FROM QUINCY COMPRESSOR.



Airend (with lift valves, less fluid pump) - 2012200753

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 10 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 20 | 1 | 2014500380 | SEAL ADAPTER |
| 30 | 4 | 2014700317 | COUNTERBORE SCREW-1/4-20 UNC X 1.50, GRADE 8 (@ 9 FT-LBS) |
| 40 | 1 | 2014700603 | VITON O-RING-3.75 I.D. |
| 50 | 1 | 1627413033 | SHAFT SEAL |
| 60 | 1 | 1627413032 | WEAR RING SEAL |
| 70 | * | 2014300543 | INLET CASING |
| 80 | 12 | 2014705350 | PIPE PLUG-7/16-20 (O-RING) |
| 90 | 2 | 2014704487 | DOWEL PIN |
| 100 | 1 | 2014700608 | VITON O-RING-16.00 I.D. |
| 110 | * | 2014300677 | ROTOR HOUSING |
| 120 | * | 2014500065 | ROTOR BEARING |
| 130 | * | 2014704265 | BEARING |
| 140 | * | 2014300645 | MALE ROTOR-204 MM |
| 150 | * | 2014300647 | FEMALE ROTOR-204 MM |
| 160 | 1 | 1627450257 | PLUG ORIFICE-0.12 NPT |
| 170 | 9 | 2014700064 | COUNTERBORE SCREW-1/2-13 UNC X 2.00, GRADE 8 (@ 75 FT-LBS) |
| 180 | 1 | 2025501276 | CAP SCREW-1/2-13 UNC X 1.75, GRADE 5 (@ 55 FT-LBS) |
| 190 | 1 | 2014502673 | FLUID GALLERY PLATE GASKET |
| | 1 | 2014502726 | FLUID GALLERY PLATE GASKET (245I/50 HZ, 250I & 300I, 300I/50 HZ/150#) |
| 200 | 1 | 2014502671 | FLUID GALLERY COVER PLATE |
| | 1 | 2014502725 | FLUID GALLERY COVER PLATE (245I/50 HZ, 250I & 300I, 300I/50 HZ/150#) |
| 210 | 16 | 2025501423 | COUNTERBORE SCREW-3/8-16 UNC X 1.00, GRADE 8 (@ 35 FT-LBS) |
| 220 | * | 2014500067 | ROTOR BEARING |
| 230 | 1 | 2014704280 | BEARING RETAINER RING |
| 240 | * | 2014500524 | ROTOR BEARING |
| 250 | * | 2014500531 | ROTOR BEARING |
| 260 | * | 2014500530 | ROTOR BEARING |
| 270 | 16 | 2014501488 | COMPRESSION SPRING |
| 280 | 2 | 2014501450 | BEARING RETAINER |
| 290 | 6 | 2014700291 | COUNTERBORE SCREW-3/8-16 UNC X 1.25, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 300 | 1 | 2014700558 | VITON O-RING-4.38 I.D. |
| 310 | 1 | 2014300668 | DISCHARGE END CAP |
| 320 | ** | 2014500846 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 330 | ** | 2014500580 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 340 | 1 | 2014700641 | VITON O-RING-5.25 I.D. |
| 350 | 1 | 2014300670 | DISCHARGE END CAP |
| 360 | 8 | 2014700299 | COUNTERBORE SCREW-1/2-13 UNC X 1.50, GRADE 8 (@ 75 FT-LBS) |
| 370 | 2 | 2010356525 | PIPE PLUG-3/4-16 (O-RING) |
| 380 | 1 | 2014701185 | 45° MALE ELBOW-0.25 TUBE X 0.12 NPT |
| 390 | 1 | 2014100578 | PATENT PLATE |
| 400 | 2 | 2014704468 | DATA PLATE PIN |
| 410 | 4 | 2013900269 | LIFT VALVE (INCLUDES O-RING 22749-141) |

COMPONENT MAINTENANCE PARTS

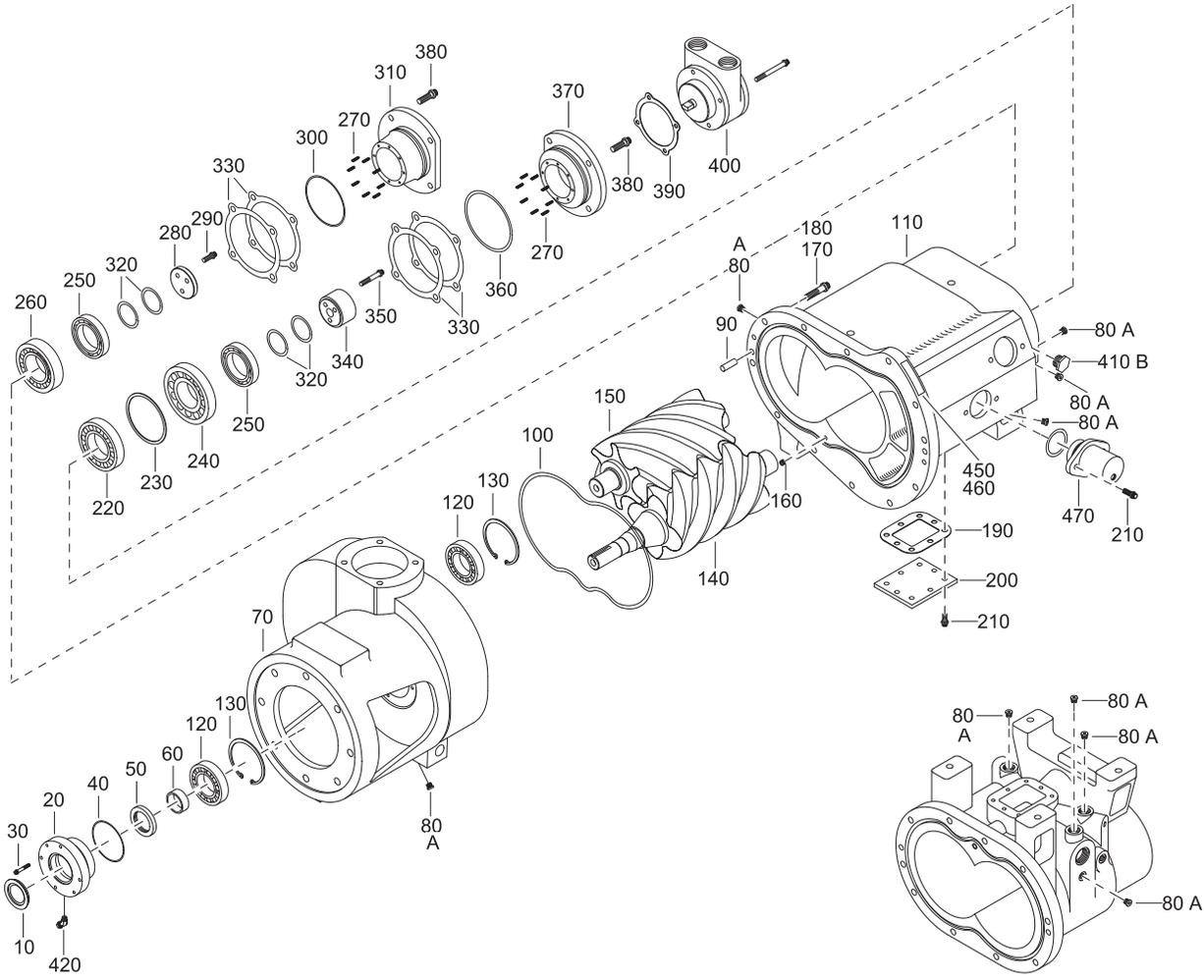
| | | | |
|---|----|------------|------------------------|
| A | 12 | 2010356518 | VITON O-RING-0.35 I.D. |
| B | 2 | 2010356498 | VITON O-RING-0.64 I.D. |

* ITEMS NOT SOLD SEPARATELY, MUST BE ORDERED AS A COMPLETE AIREND.

** QUANTITY AS REQUIRED.

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

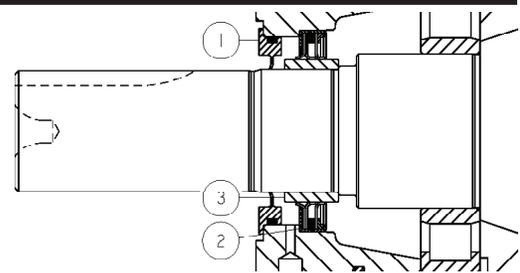
Airend (with lift valves, with fluid pump (male pump drive)) -
2012200584



Shaft Seal Kit - 1627413038

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------|
| 1 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 2 | 1 | 1627413033 | SHAFT SEAL |
| 3 | 1 | 1627413032 | WEAR RING SEAL |

REFERENCE QSI INSTRUCTION MANUAL TO INSTALL COMPRESSOR SHAFT SEAL. TOOL KIT 140284 FOR QSI SHAFT SEAL AND WEAR RING INSTALLATION CAN BE PURCHASED FROM QUINCY COMPRESSOR.



Airend (with lift valves, with fluid pump (male pump drive)) -
2012200584

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 10 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 20 | 1 | 2014500380 | SEAL ADAPTER |
| 30 | 4 | 2014700317 | COUNTERBORE SCREW-1/4-20 UNC X 1.50, GRADE 8 (@ 9 FT-LBS) |
| 40 | 1 | 2014700603 | VITON O-RING-3.75 I.D. |
| 50 | 1 | 1627413033 | SHAFT SEAL |
| 60 | 1 | 1627413032 | WEAR RING SEAL |
| 70 | * | 2014300543 | INLET CASING |
| 80 | 12 | 2014705350 | PIPE PLUG-7/16-20 (O-RING) |
| 90 | 2 | 2014704487 | DOWEL PIN |
| 100 | 1 | 2014700608 | VITON O-RING-16.00 I.D. |
| 110 | * | 2014300677 | ROTOR HOUSING |
| 120 | * | 2014500065 | ROTOR BEARING |
| 130 | * | 2014704265 | BEARING |
| 140 | * | 2014300645 | MALE ROTOR-204 MM |
| 150 | * | 2014300647 | FEMALE ROTOR-204 MM |
| 160 | 1 | 2010352683 | PLUG ORIFICE-0.12 NPT |
| 170 | 9 | 2014700064 | COUNTERBORE SCREW-1/2-13 UNC X 2.00, GRADE 8 (@ 75 FT-LBS) |
| 180 | 1 | 2025501276 | CAP SCREW-1/2-13 UNC X 1.75, GRADE 5 (@ 55 FT-LBS) |
| 190 | 1 | 2014502673 | FLUID GALLERY PLAT E GASK ET |
| | 1 | 2014502726 | FLUID GALLERY PLAT E GASK ET (245I/50 HZ, 250I & 300I, 300I/50 HZ/150#) |
| 200 | 1 | 2014502671 | FLUID GALLERY COVER PLATE |
| | 1 | 2014502725 | FLUID GALLERY COVER PLATE (245I/50 HZ, 250I & 300I, 300I/50 HZ/150#) |
| 210 | 16 | 2025501423 | COUNTERBORE SCREW-3/8-16 UNC X 1.00, GRADE 8 (@ 35 FT-LBS) |
| 220 | * | 2014500067 | ROTOR BEARING |
| 230 | 1 | 2014704280 | BEARING RETAINER RING |
| 240 | * | 2014500524 | ROTOR BEARING |
| 250 | * | 2014500531 | ROTOR BEARING |
| 260 | * | 2014500530 | ROTOR BEARING |
| 270 | 16 | 2014501488 | COMPRESSION SPRING |
| 280 | 1 | 2014501450 | BEARING RETAINER |
| 290 | 3 | 2014700291 | COUNTERBORE SCREW-3/8-16 UNC X 1.25, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 300 | 1 | 2014700558 | VITON O-RING-4.38 I.D. |
| 310 | 1 | 2014300668 | DISC HARGE END CAP |
| 320 | ** | 2014500846 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 330 | ** | 2014500580 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 340 | 1 | 2014500840 | BEARING RETAINER |
| 350 | 3 | 2014700293 | COUNTERBORE SCREW-3/8-16 UNC X 2.25, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 360 | 1 | 2014700641 | VITON O-RING-5.25 I.D. |
| 370 | 1 | 2014501447 | FLUID PUMP ADAPTER |
| 380 | 8 | 2014700299 | COUNTERBORE SCREW-1/2-13 UNC X 1.50, GRADE 8 (@ 75 FT-LBS) |
| 390 | 1 | 2014502674 | FLUID PUMP GASKET |
| 400 | 1 | 2014500123 | COMPRESSOR FLUID PUMP |
| 410 | 2 | 2010356525 | PIPE PLUG-3/4-16 (O-RING) |
| 420 | 1 | 2014701185 | 45° MALE ELBOW-0.25 TUBE X 0.12 NPT |
| 450 | 1 | 2014100578 | PATENT PLATE |
| 460 | 2 | 2014704468 | DATA PLATE PIN |
| 470 | 4 | 2013900269 | LIFT VALVE (INCLUDES O-RING 22749-141) |

COMPONENT MAINTENANCE PARTS

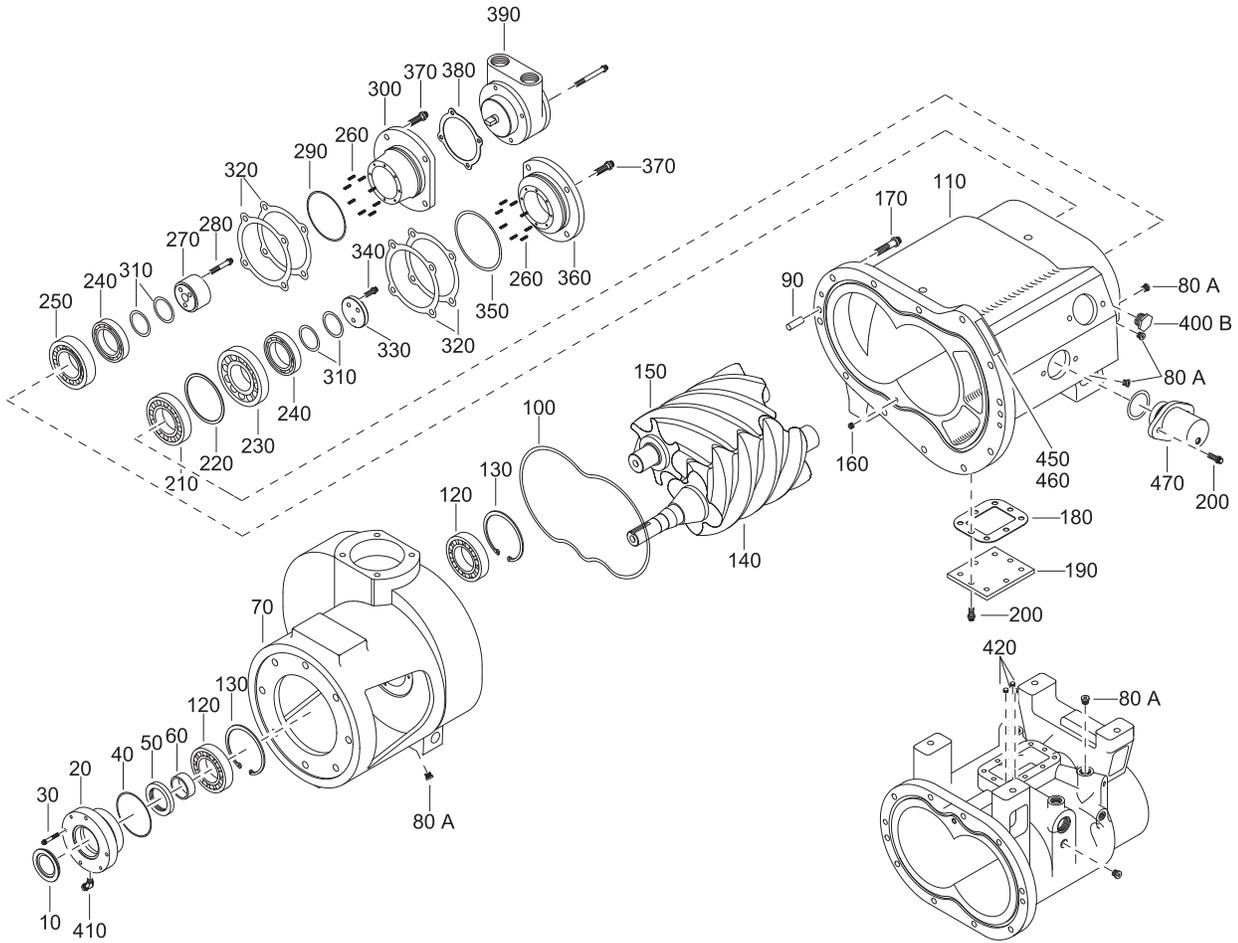
| | | | |
|---|----|------------|------------------------|
| A | 11 | 140406-904 | VITON O-RING-0.35 I.D. |
| B | 3 | 140406-908 | VITON O-RING-0.64 I.D. |

* ITEMS NOT SOLD SEPARATELY, MUST BE ORDERED AS A COMPLETE AIREND.

** QUANTITY AS REQUIRED.

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

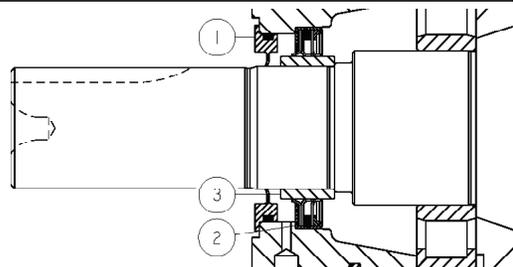
Airend (with lift valves, with fluid pump (female pump drive)) -
 2012200597



Shaft Seal Kit - 1627413038

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|-----------------------------|
| 1 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 2 | 1 | 1627413033 | SHAFT SEAL |
| 3 | 1 | 1627413032 | WEAR RING SEAL |

REFERENCE QSI INSTRUCTION MANUAL TO INSTALL COMPRESSOR
 SHAFT SEAL. TOOL KIT 140284 FOR QSI SHAFT SEAL AND WEAR
 RING INSTALLATION CAN BE PURCHASED FROM QUINCY COMPRESSOR.



Airend (with lift valves, with fluid pump (female pump drive)) -
2012200597

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 10 | 1 | 2014500404 | COMPRESSOR FLUID SLINGER |
| 20 | 1 | 2014500380 | SEAL ADAPTER |
| 30 | 4 | 2014700317 | COUNTERBORE SCREW-1/4-20 UNC X 1.50, GRADE 8 (@ 9 FT-LBS) |
| 40 | 1 | 2014700603 | VITON O-RING-3.75 I.D. |
| 50 | 1 | 1627413033 | SHAFT SEAL |
| 60 | 1 | 1627413032 | WEAR RING SEAL |
| 70 | 1 | 2014300543 | INLET CASING |
| 80 | 12 | 2014705350 | PIPE PLUG-7/16-20 (O-RING) |
| 90 | 2 | 2014704487 | DOWEL PIN |
| 100 | 1 | 2014700608 | VITON O-RING-16.00 I.D. |
| 110 | 1 | 2014300704 | ROTOR HOUSING |
| 120 | 2 | 2014500065 | ROTOR BEARING |
| 130 | 2 | 2014704265 | BEARING |
| 140 | 1 | 2014300658 | MALE ROTOR-204 MM |
| 150 | 1 | 2014300661 | FEMALE ROTOR-204 MM |
| 160 | 1 | 1627450257 | PLUG ORIFICE-0.12 NPT |
| 170 | 12 | 2014700064 | COUNTERBORE SCREW-1/2-13 UNC X 2.00, GRADE 8 (@ 75 FT-LBS) |
| 180 | 1 | 2014502726 | FLUID GALLERY PLATE GASKET |
| 190 | 1 | 2014502725 | FLUID GALLERY COVER PLATE |
| 200 | 18 | 2025501423 | COUNTERBORE SCREW-3/8-16 UNC X 1.00, GRADE 8 (@ 35 FT-LBS) |
| 210 | 1 | 2014500067 | ROTOR BEARING |
| 220 | 1 | 2014704280 | BEARING RETAINER RING |
| 230 | 1 | 2014500524 | ROTOR BEARING |
| 240 | 2 | 2014500531 | ROTOR BEARING |
| 250 | 1 | 2014500530 | ROTOR BEARING |
| 260 | 16 | 2014501488 | COMPRESSION SPRING |
| 270 | 1 | 2014500858 | BEARING RETAINER |
| 280 | 3 | 2014700296 | COUNTERBORE SCREW-3/8-16 UNC X 3.00, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 290 | 1 | 2014700558 | VITON O-RING-4.38 I.D. |
| 300 | 1 | 2014501448 | FLUID PUMP ADAPTER |
| 310 | 1 | 2014500846 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 320 | 1 | 2014500580 | ROTOR SHIM-TEMPERED STEEL/BRASS |
| 330 | 1 | 2014501450 | BEARING RETAINER |
| 340 | 3 | 2014700291 | COUNTERBORE SCREW-3/8-16 UNC X 1.25, GRADE 8 (@ 45 FT-LBS, BACK OFF TO 25 FT-LBS) |
| 350 | 1 | 2014700641 | VITON O-RING-5.25 I.D. |
| 360 | 1 | 2014300670 | DISCHARGE END CAP |
| 370 | 8 | 2014700299 | COUNTERBORE SCREW-1/2-13 UNC X 1.50, GRADE 8 (@ 75 FT-LBS) |
| 380 | 1 | 2014502674 | FLUID PUMP GASKET |
| 390 | 1 | 2014500124 | COMPRESSOR FLUID PUMP |
| 400 | 2 | 2010356525 | PIPE PLUG-3/4-16 (O-RING) |
| 410 | 1 | 2014701185 | 45° MALE ELBOW-0.25 TUBE X 0.12 NPT |
| 420 | 3 | 2013200486 | PLUG ORIFICE-0.125 NPT |
| 450 | 1 | 2014100578 | PATENT PLATE |
| 460 | 2 | 2014704468 | DATA PLATE PIN |
| 470 | 4 | 2013900269 | LIFT VALVE (INCLUDES O-RING 22749-141) |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|----|------------|------------------------|
| A | 11 | 2010356518 | VITON O-RING-0.35 I.D. |
| B | 3 | 2010356498 | VITON O-RING-0.64 I.D. |

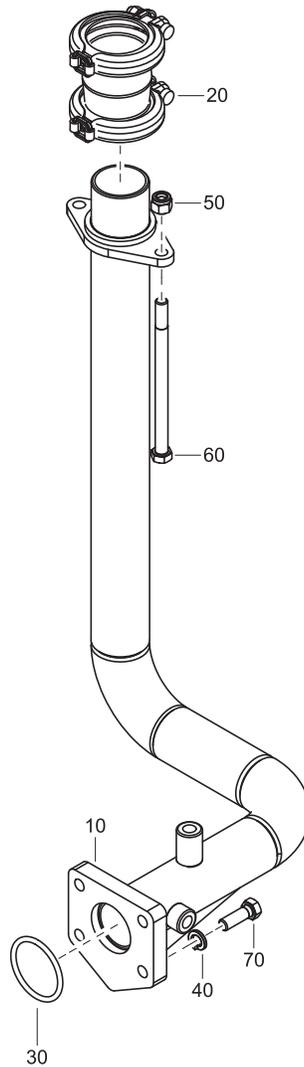
* ITEMS NOT SOLD SEPARATELY, MUST BE ORDERED AS A COMPLETE AIREND.

** QUANTITY AS REQUIRED.

*** THIS CONFIGURATION (FEMALE PUMP DRIVE) IS USED ONLY ON QSI-250i/50 Hz & 300i/60 Hz.

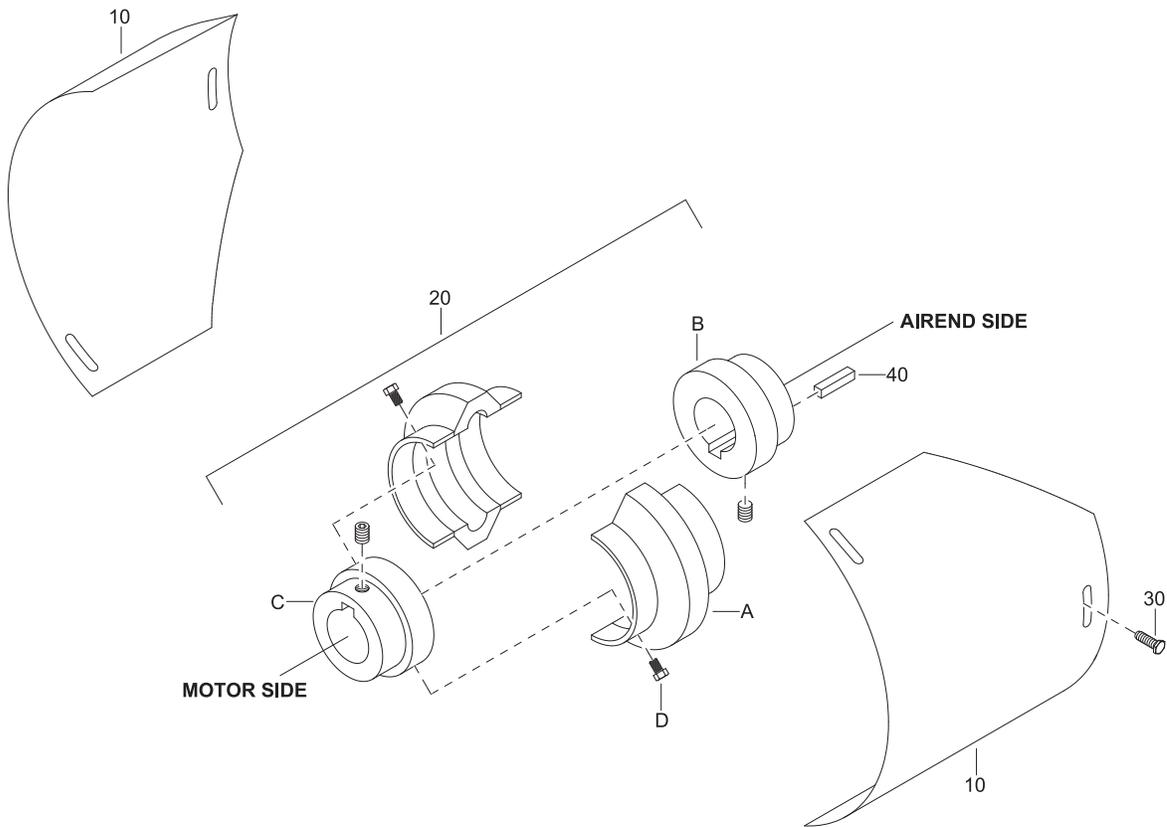
@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Discharge Piping - 2011018427



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|---|
| 10 | 1 | 2013201903 | MANIFOLD,DISCHARGE,QSI 245I/30 |
| 20 | 1 | 1627450152 | COUPLING,FLEXPIPE,RESTR,200 |
| 30 | 1 | 2014700599 | O-RING,VITON--,0.19W, 2.50ID |
| 40 | 4 | 2025501571 | WASHER,HLOC.500CRS,ZN,.125 THK |
| 50 | 2 | 2014700431 | NUT,LOK,.50 NC,SAE 2,NONE |
| 60 | 2 | 5530933500 | SCREW,CAP,CS,HEX ,ZN.50NCX7.50 |
| 70 | 4 | 2025501365 | SCREW,CAP,CS,HEX ,ZN.50NCX1.50 GRADE 5 (@ 23 FT-LBS) |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

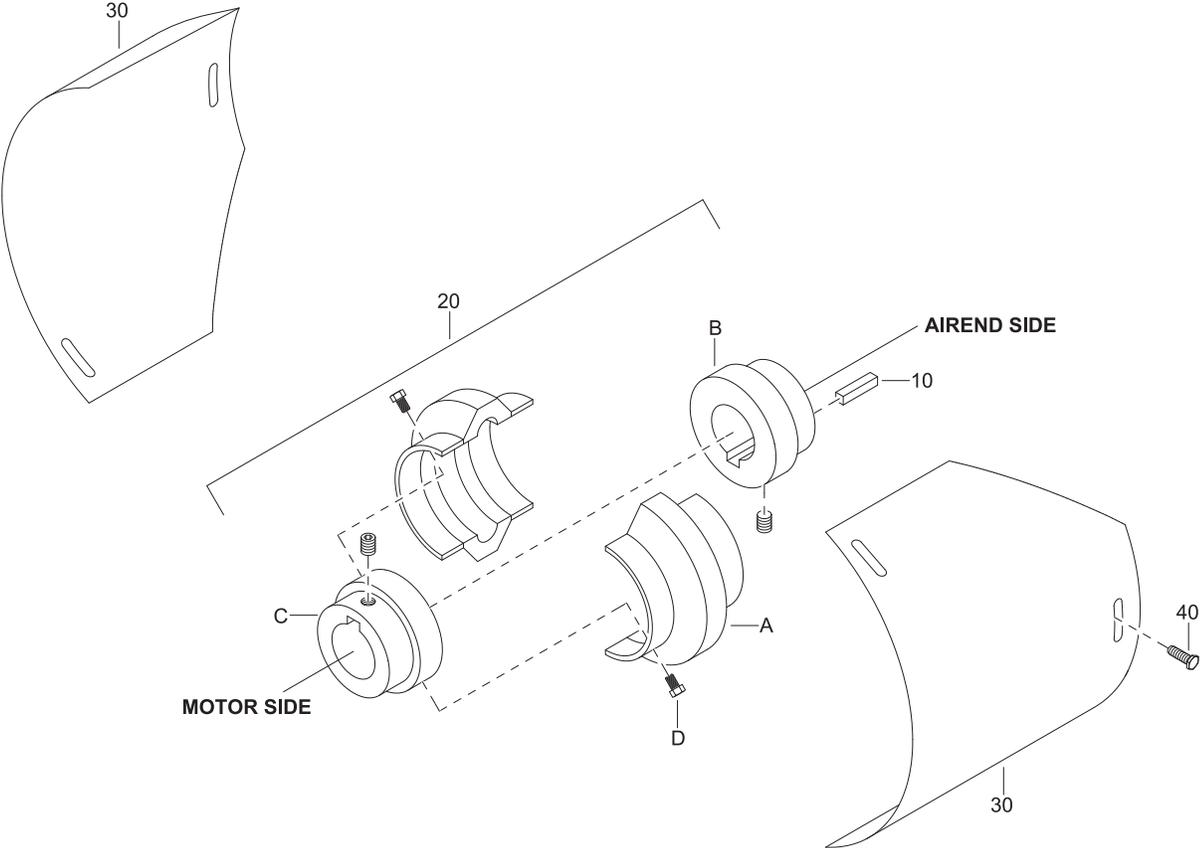


| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 2 | 2013305260 | GUARD,COUPLING,UNIVERSAL |
| 20 | 1 | 2014200250 | COUPLING,DRIVE,1.88MOTX1.69COM |
| 30 | 6 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 40 | 1 | 2014704418 | KEY,SQUARE-,.38WX.38HX1.75L |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|---|------------|---|
| A | 1 | 1627423003 | ELEMENT,COUPLING,DRIVE (1 PAIR OF HALVES SOLD AS A MATCHED SET ONLY) |
| B | 1 | 2014200318 | HUB,COMPRESSOR,1.69BOR,E20 |
| C | 1 | 1627455884 | HUB,MOTOR,1.88BOR |
| D | 1 | 2012100493 | KT,BOLT,COUPLING,DRIVE |

Drive Coupling - 2011004131



Drive Coupling - 2011004131

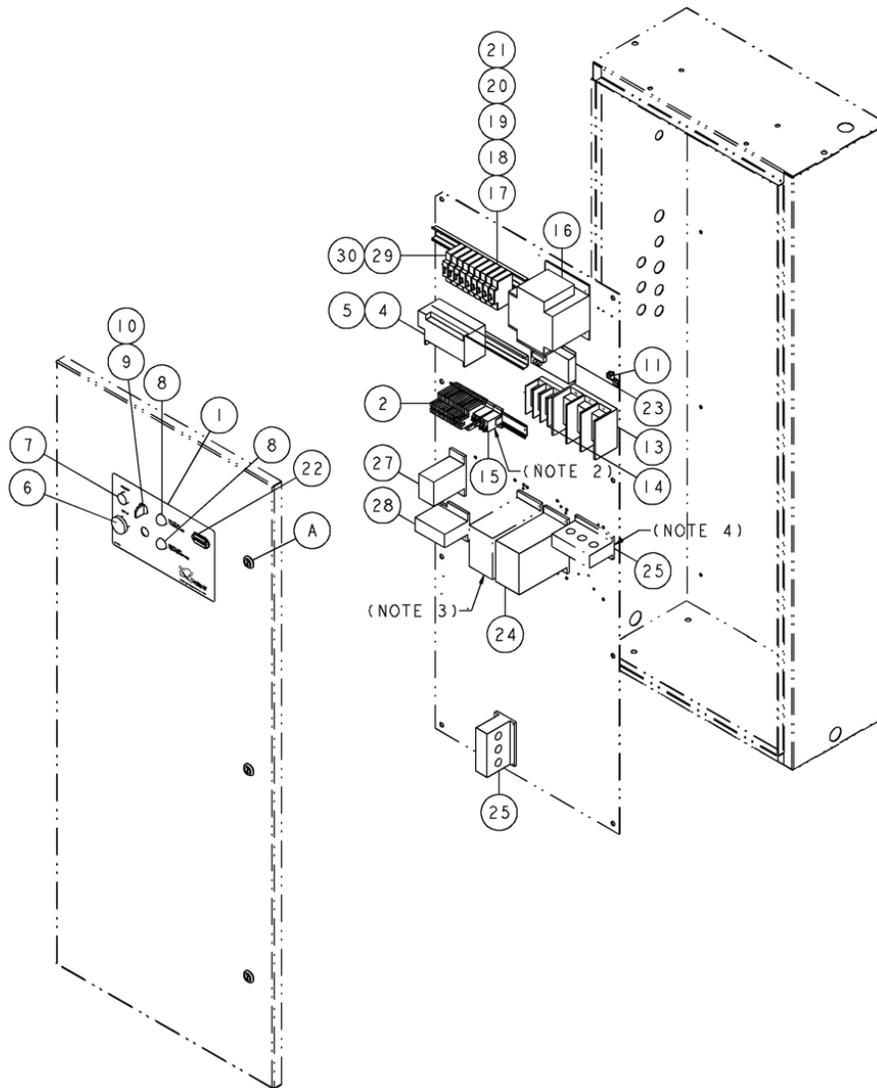
| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2014704418 | KEY,SQUARE-,.38WX .38HX1.75L |
| 20 | 1 | 2014200250 | COUPLING,DRIVE,1.88MOTX1.69COM |
| 30 | 2 | 2013305260 | GUARD,COUPLING,UNIVERSAL |
| 40 | 6 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|---|------------|---|
| A | 1 | 1627423003 | ELEMENT,COUPLING,DRIVE (1 PAIR OF HALVES SOLD AS A MATCHED SET ONLY) |
| B | 1 | 2014200318 | HUB,COMPRESSOR,1.69BOR,E20 |
| C | 1 | 1627455884 | HUB,MOTOR,1.88BOR |
| D | 1 | 2012100493 | KT,BOLT,COUPLING,DRIVE |

Electrical Control & Starting (standard PLC control)

PIX5112



NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) ITEMS 3, 12 & 26 (DECAL SHEET, TEMPERATURE SWITCH & CURRENT TRANSFORMER) ARE NOT SHOWN.
- 2) ITEM 15 (RELAY) USED ONLY ON UNITS WITH REDUCED VOLTAGE OR REMOTE STARTER.
- 3) TWO DRIVE MOTOR CONTACTORS (ITEM 24) & SECOND POWER BLOCK (ITEM 14) USED ONLY ON UNITS WITH WYE-DELTA STARTING.
- 4) DRIVE MOTOR OVERLOAD (ITEM 25) IN THIS LOCATION ON WYE-DELTA START UNITS.

Electrical Control & Starting (standard PLC control)

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 1 | 1 | 2014100320 | DECAL,PANEL,CONTROL,QSI(I) |
| 2 | 1 | 2013700415 | AY,BLOCK,TERM,QSI,ELE |
| 3 | 1 | 1627409048 | DECAL SHEET,ELECTRICAL |
| 4 | 1 | 2014002154 | CHIP,PLC,PROGRMMED,STDCTRL,QSI |
| 5 | 1 | 2014000913 | PLC,CNTRLR,24RCO,24VAC |
| 6 | 1 | 2014000891 | BUTTON,ESTOP,1/4 TURN ,SIEMENS |
| | 1 | 2010356647 | CONTACT,1 NC,SIEMENS (NORMALLY CLOSED) |
| 7 | 1 | 2014000894 | BUTTON,MOMENTARY,GREEN,ILL |
| | 1 | 2014000702 | LAMP,S-ST,GREEN,120VAC |
| 8 | 2 | 2014000893 | LENS,INDICATOR,RED |
| | 2 | 1627441088 | LAMP,S-ST, RED,120VAC |
| 9 | 1 | 2014705947 | SWITCH,SELECTOR,2-POSITION,MNT |
| | 1 | 2010356648 | CONTACT,1 NO,SIEMENS (NORMALLY OPEN) |
| | 1 | 2010356647 | CONTACT,1 NC,SIEMENS (NORMALLY CLOSED) |
| 10 | 1 | 2014100346 | PLATE,LEGEND,AUX MTR OVERLOAD |
| | 1 | 2014100360 | PLATE,LEGEND,COMP 1 FAULT |
| | 1 | 2014100368 | PLATE,LEGEND,LEAD/LAG |
| 11 | 2 | 2025501469 | TERMINAL,GRND,14AWG-2AWG |
| 12 | 2 | 2014706101 | SWITCH,TMP,230F 230-242,0,SPST |
| 13 | 1 | 2014704058 | BLOCK,POWER, 14- 4 AWG |
| 14 | 1 | 2014704059 | BLOCK,POWER, 6-350 AWG |
| 15 | 2 | 2014703691 | RELAY,SOCKET,15AMP/120VAC,DPDT (REDUCED VOLTAGE) |
| 16 | 1 | 2014706268 | TRANS,500VA,MULTIPRI,120/24SEC |
| 17 | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 18 | 2 | (PAGE 32) | TRANSFORMER FUSE (PRIMARY) |
| 19 | 1 | 1089916827 | FUSE,600/5.00TD,0.41DIAX1.50LG (SECONDARY) |
| 20 | 1 | 2014000803 | HOLDER,FUSE,30A,L/IND,CL CC,1P |
| 21 | 1 | 1089916834 | FUSE,600/6.00TD,0.41DIAX1.50LG (SECONDARY) |
| 22 | 1 | 1627441002 | METER,HOUR,MINI,120V AC,60HZ |
| | 1 | 1627441003 | METER,HOUR,MINI,120V AC,50HZ |
| 23* | 1 | 2010301995 | PHASE MONITOR (200/230 VOLT) |
| | 1 | 2010300589 | PHASE MONITOR (380/415 VOLT) |
| | 1 | 2010300588 | PHASE MONITOR (460 VOLT) |
| | 1 | 2010300430 | PHASE MONITOR (575 VOLT) |
| 24 | 1 | (PAGE 32) | DRIVE MOTOR CONTACTOR (FULL VOLTAGE & WYE-DELTA) |
| | 1 | (PAGE 32) | REDUCED VOLTAGE STARTER |
| 25 | 1 | (PAGE33) | DRIVE MOTOR OVERLOAD RELAY |
| 26** | 3 | 2014703413 | TRANSFORMER,CURRENT,300 AMPS (NOT SHOWN) |
| | 3 | 2014703414 | TRANSFORMER,CURRENT,600 AMPS (NOT SHOWN) |
| 27 | 1 | 1089941547 | CONTACTOR,120V |
| | 1 | 1089941524 | (ALL 75 HP AND 100 HP, 380-575 VOLT) |
| | 1 | 1089941524 | CONTACTOR,120V |
| 28 | 1 | (PAGE33) | FAN MOTOR OVERLOAD RELAY |
| 29 | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 30 | 3 | (PAGE33) | FAN MOTOR FUSE |

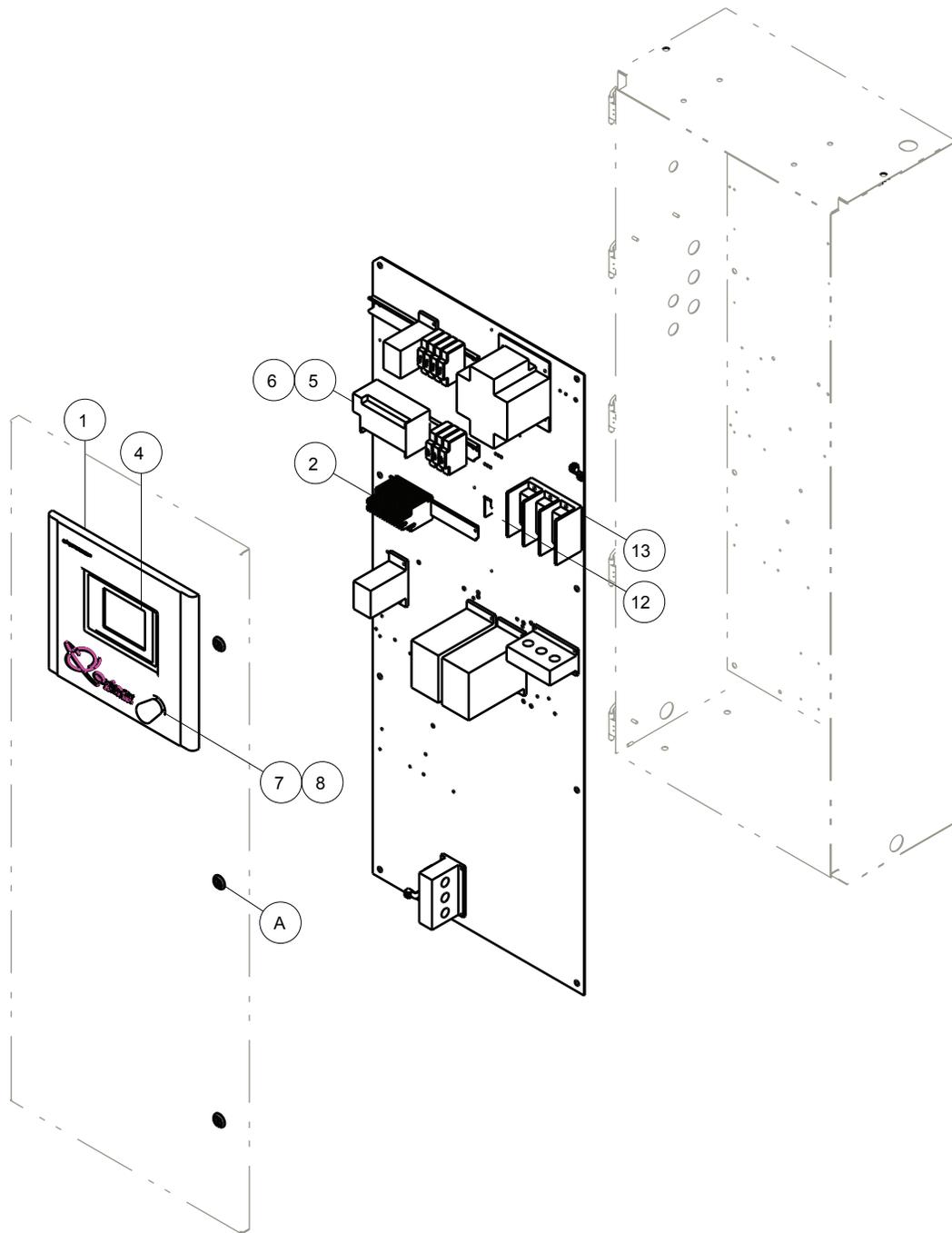
* ITEM 21 (PHASE MONITOR) IS OPTIONAL.

** 2014703413 CURRENT TRANSFORMER USED ONLY WITH 2014703815 RELAY,OVERLOAD,100-300AMP,CL20

*** 2014703414 CURRENT TRANSFORMER USED ONLY WITH 2014703807 RELAY,OVERLOAD,200-600AMP,CL20.

Electrical Control & Starting (electronic control)

PIX5113



NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) ITEMS 3 (DECAL SHEET), 9 (TEMPERATURE SWITCH), 10 (TEMPERATURE PROBE), 11 (PRESSURE TRANSDUCER) & ?? (CURRENT TRANSFORMER) ARE NOT SHOWN.
- 2) ITEM 14 (RELAY-NOT SHOWN) USED ONLY ON UNITS WITH REDUCED VOLTAGE OR REMOTE STARTER.
- 3) TWO DRIVE MOTOR CONTACTORS (ITEM 22) & SECOND POWER BLOCK (ITEM 13) USED ONLY ON UNITS WITH WYE-DELTA STARTING.
- 4) DRIVE MOTOR OVERLOAD (ITEM 23) IN THIS LOCATION ON WYE-DELTA START UNITS.
- 5) ITEM A (ENCLOSURE LATCH) IS A MAINTENANCE PART.

Electrical Control & Starting (electronic control)

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 1 | 1 | 2013700553 | BEZEL,QSI |
| 2 | 1 | 2013700415 | AY,BLOCK,TERM,QSI,ELE |
| 3 | 1 | 1627409048 | DECAL SHEET,ELECTRICAL |
| 4 | 1 | 2010314321 | USE 2012102102 REPLACEMENT KIT |
| 5 | 1 | 1627441148 | PLC,14DC INPUT,10RL OUTPUT,120 |
| 6 | 1 | 2014000891 | BUTTON,ESTOP,1/4 TURN ,SIEMENS |
| | 1 | 1089036258 | CONTACT,2 NC,SIEMENS |
| 7 | 2 | 2025501469 | TERMINAL,GRND,14AWG-2AWG |
| 8 | 1 | 2010312639 | USE 2014000023 |
| 9 | 1 | 2014706101 | SWITCH,TMP,230F 230-242,0,SPST |
| 10 | 1 | 2014704058 | BLOCK,POWER, 14- 4 AWG |
| 11* | 1 | 2014704059 | BLOCK,POWER, 6-350 AWG |
| | 1 | 2014704024 | BLOCK,POWER, 6-500 AWG,3 POLE |
| 12** | 2 | 2014703691 | RELAY,SOCKET,15AMP/120VAC,DPDT |
| 13 | 1 | 2014000848 | TRANSD,PRS,0-300 PSIG,4-20MA |
| 14 | 1 | 2014706268 | TRANS,500VA,MULTIPRI,120/24SEC |
| 15 | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 16 | 2 | (PAGE 32) | TRANSFORMER FUSE (PRIMARY) |
| 17 | 1 | 1089916827 | FUSE,600/5.00TD,0.41DIAX1.50LG |
| 18 | 1 | 2014000803 | HOLDER,FUSE,30A,L/IND,CL CC,1P |
| 19 | 1 | 1089916834 | FUSE,600/6.00TD,0.41DIAX1.50LG |
| 20 | 1 | 2014000909 | METER,HOUR,120VAC,60HZ,DIN MNT |
| | 1 | 2014000908 | METER,HOUR,120VAC,50HZ,DIN MNT |
| 21*** | 1 | 2010301995 | USE 2014703800 |
| | 1 | 2010300589 | USE 2014703800 |
| | 1 | 2010300588 | USE 2012102144 |
| | 1 | 2010300430 | USE 2014703800 |
| 22 | 1 | (PAGE 32) | DRIVE MOTOR CONTACTOR (FULL VOLTAGE & WYE-DELTA) |
| | 1 | (PAGE 32) | REDUCED VOLTAGE STARTER |
| 23 | 1 | (PAGE33) | DRIVE MOTOR OVERLOAD RELAY |
| 24**** | 3 | 2014703413 | TRANSFORMER,CURRENT,300 AMPS |
| | 3 | 2014703414 | TRANSFORMER,CURRENT,600 AMPS |
| 25 | 1 | 1089941547 | CONTACTOR,120V |
| 26 | 1 | (PAGE33) | FAN MOTOR OVERLOAD RELAY |
| 27 | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 28 | 3 | (PAGE33) | FAN MOTOR FUSE |

* ITEM 11 (POWER BLOCK) USED ONLY ON WYE-DELTA UNITS.

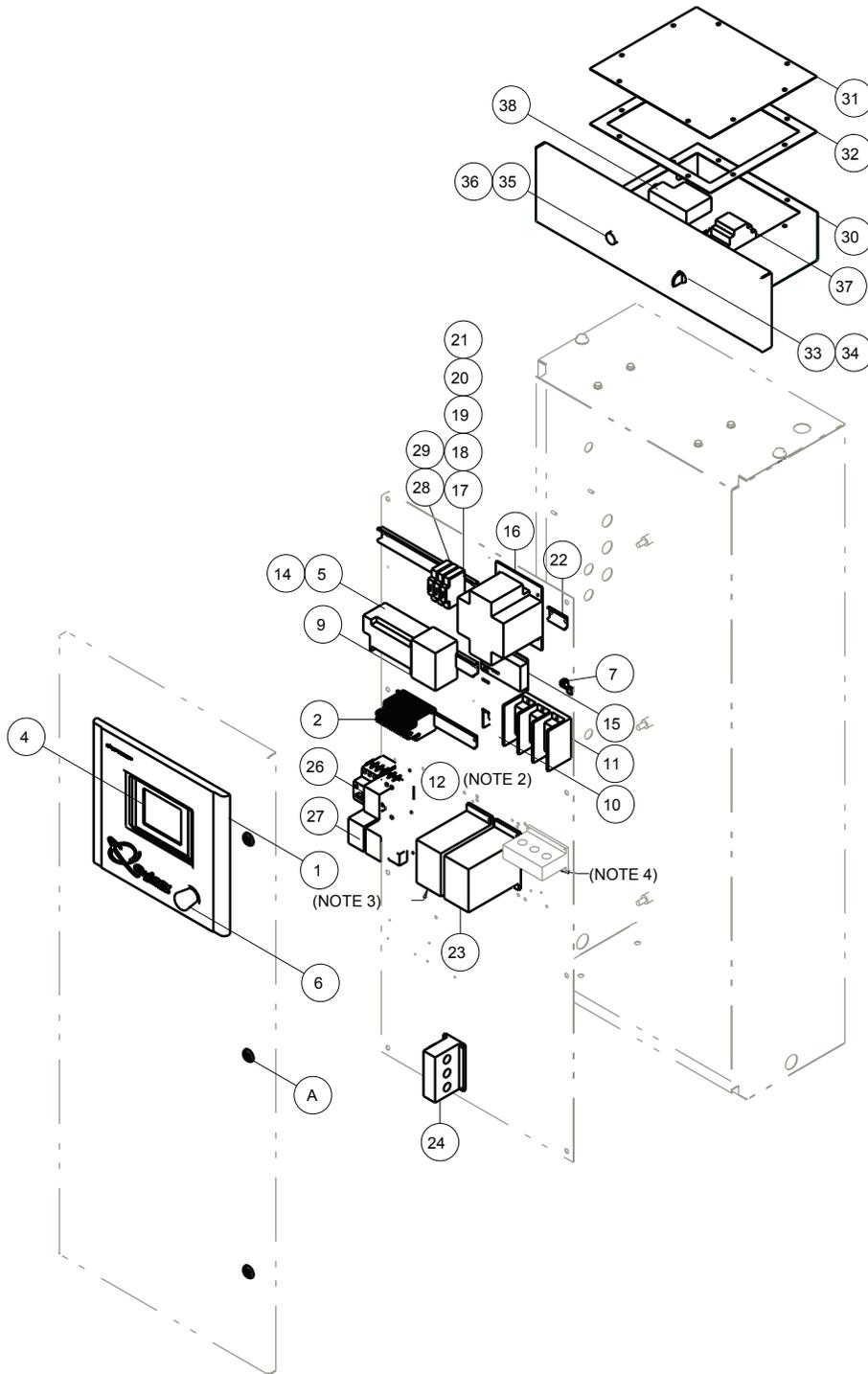
** ITEM 12 (RELAY) USED ONLY ON REMOTE START OR REDUCED VOLTAGE STARTER UNITS.

*** ITEM 21 (PHASE MONITOR) IS OPTIONAL.

**** ITEM 24 (CURRENT TRANSFORMER) USED ONLY WITH 143780-01 (NOT SHOWN) DRIVE MOTOR OVERLOAD RELAY.

Electrical Control & Starting (standard PLC control)

PIX5114



NOTES- UNLESS OTHERWISE SPECIFIED

- 1) ITEMS 3, 8, 13 & 25 (DECAL SHEET, TEMPERATURE PROBE, PRESSURE TRANSDUCER & CURRENT TRANSFORMER) ARE NOT SHOWN
- 2) ITEM 12 (RELAY) USED ONLY ON UNITS WITH REDUCED VOLTAGE OR REMOTE STARTER
- 3) TWO DRIVE MOTOR CONTACTORS (ITEM 23) & SECOND POWER BLOCK (ITEM 11) USED ONLY ON UNITS WITH WYE-DELTA STARTING.
- 4) DRIVE MOTOR OVERLOAD (ITEM 24) IN THIS LOCATION ON WYE-DELTA START UNITS.
- 5) ITEMS 15 (PHASE MONITOR) & 31 THRU 38 (BACKUP CONTROL) ARE OPTIONAL.
- 6) ITEM A (ENCLOSURE LATCH) IS A MAINTENANCE PART.

Electrical Control & Starting (standard PLC control)

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 1 | 1 | 2013700553 | BEZEL,QSI |
| 2 | 1 | 2013700416 | AY,BLOCK,TERM,QSI,P\$ |
| 3 | 1 | 1627409048 | DECAL SHEET,ELECTRICAL |
| 4 | 1 | 2010314321 | USE 2012102102 REPLACEMENT KIT |
| 5 | 1 | 2014000900 | PLC,24DC INPUT,16RL OUTPUT,120 |
| 6 | 1 | 2014000891 | BUTTON,ESTOP,1/4 TURN ,SIEMENS |
| 6 | 1 | 1089036258 | CONTACT,2 NC,SIEMENS (NORMALLY CLOSED) |
| 7 | 2 | 2025501469 | TERMINAL,GRND,14AWG-2AWG |
| 8 | 2 | 2010312639 | USE 2014000023 |
| 9 | 1 | 1627441153 | MODULE , ANALOG ,4 INPUT |
| 10 | 1 | 2014704058 | BLOCK,POWER, 14- 4 AWG |
| 11* | 1 | 2014704059 | BLOCK,POWER, 6-350 AWG |
| | 1 | 2014704024 | BLOCK,POWER, 6-500 AWG,3 POLE |
| 12* | 2 | 2014703682 | RELAY,8 AMP/120VAC,DPDT,ASSY |
| 13 | 2 | 2014000848 | TRANSD,PRS,0-300 PSIG,4-20MA |
| 14 | 1 | 2014000903 | CHIP,200DAY BATTERY BACKUP,S7 |
| 15** | 1 | 2010301995 | USE 2014703800 |
| | 1 | 2010300589 | USE 2014703800 |
| | 1 | 2010300588 | USE 2012102144 |
| | 1 | 2010300430 | USE 2014703800 |
| 16 | 1 | 2014706268 | TRANS,500VA,MULTIPRI,120/24SEC |
| 17 | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 18 | 2 | (PAGE 32) | TRANSFORMER FUSES (PRIMARY) |
| 19 | 1 | 1089916827 | FUSE,600/5.00TD,0.41DIAX1.50LG (SECONDARY) |
| 20 | 1 | 2014000803 | HOLDER,FUSE,30A,L/IND,CL CC,1P |
| 21 | 1 | 1089916834 | FUSE,600/6.00TD,0.41DIAX1.50LG (SECONDARY) |
| 22 | 1 | 2014000909 | METER,HOUR,120VAC,60HZ,DIN MNT |
| 23 | | (PAGE 32) | DRIVE MOTOR CONTACTOR |
| | 1 | (PAGE 32) | REDUCED VOLTAGE STARTER |
| 24 | 1 | (PAGE33) | DRIVE MOTOR OVERLOAD RELAY |
| 25*** | 3 | 2014703413 | TRANSFORMER,CURRENT,300 AMPS |
| 26 | 1 | (PAGE33) | FAN MOTOR CONTACTOR |
| 27 | 1 | (PAGE33) | FAN MOTOR OVERLOAD RELAY |
| **** | 1 | (PAGE33) | VARIABLE FREQUENCY FAN MOTOR DRIVE |
| 28 | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 29 | 3 | (PAGE33) | FAN MOTOR FUSES |
| 30 | 1 | 2013700560 | ENCL,BACKUP CONTROL,QSI-I |
| 31 | 1 | 2013700562 | COVER,ENCL,BACKUP CONTROL,QSI |
| 32 | 1 | 2013700563 | GASKET,ENCL,BACKUP CONTROL,QSI |
| 33 | 1 | 2014705947 | SWITCH,SELECTOR,2-POSITION,MNT |
| 34 | 1 | 2014100364 | PLATE,LEGEND,P\$/BACKUP |
| 35 | 1 | 2014000894 | BUTTON,MOMENTARY,GREEN,ILL |
| 36 | 1 | 2014100363 | PLATE,LEGEND,START |
| 37 | 1 | 2014000913 | PLC,CNTRLR,24RCO,24VAC |
| 38 | 1 | 2014704338 | SWITCH,PRS,OPEN ,207LB,18DIF |

* NOT USED ON ALL UNITS.

NUMBER FOR USAGE & CORRECT PART NUMBER.

** ITEMS 15 (PHASE MONITOR) & 30 THRU 38 (BACKUP CONTROL) ARE OPTIONAL.

*** 2014703413 CURRENT TRANSFORMER USED ONLY WITH 2014703815 RELAY,OVERLOAD, 100-300AMP,CL20

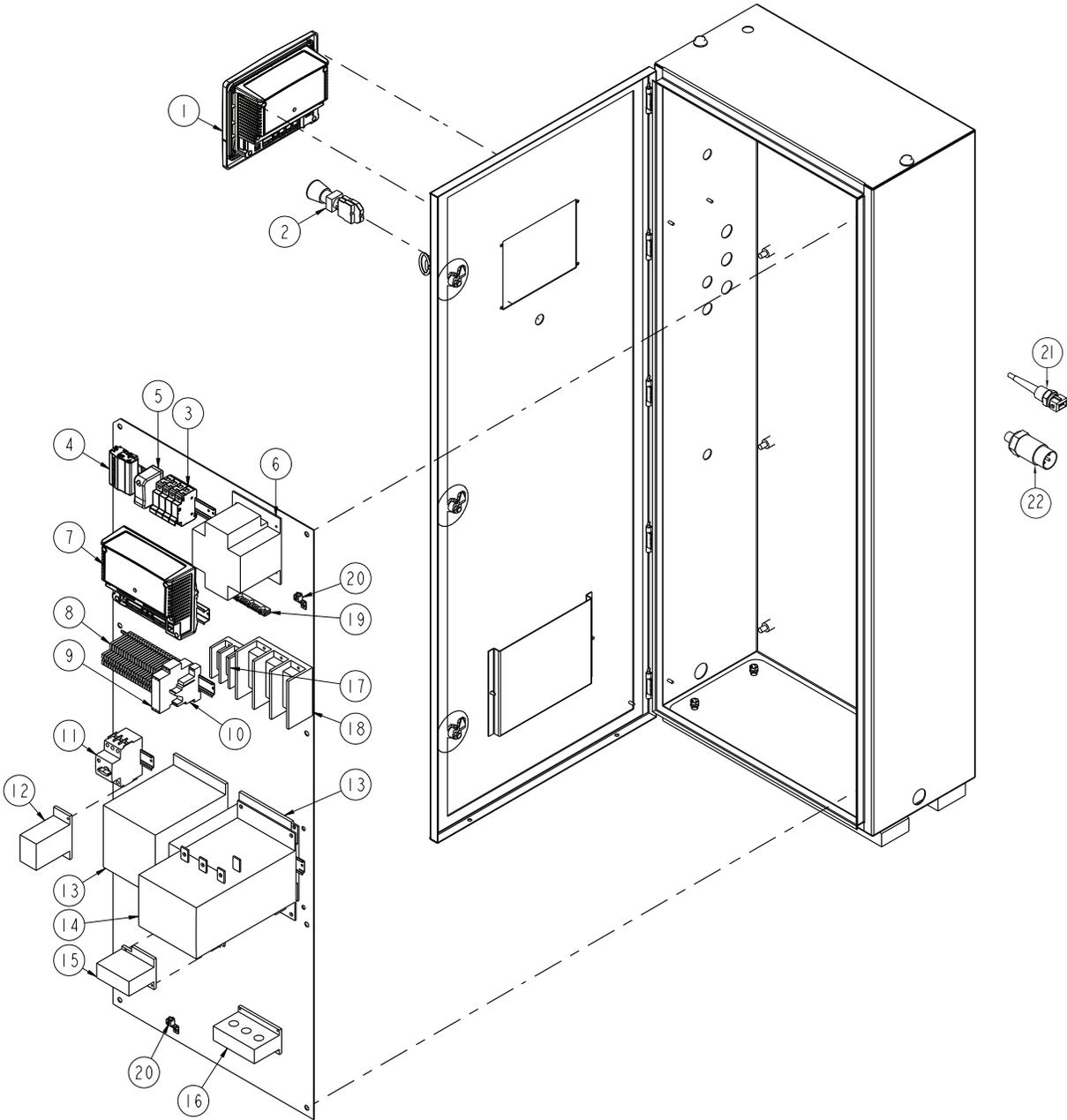
2014703414 CURRENT TRANSFORMER USED ONLY WITH 2014703807 RELAY,OVERLOAD, 200-600AMP,CL20.

**** THIS ITEM NOT SHOWN (NOT LOCATED INSIDE ELECTRICAL ENCLOSURE). USED ONLY ON 125 HP UNITS.

(ITEMS 26 & 27 NOT USED ON 125 HP UNITS.)

Electrical Control & Starting

2014002410



Electrical Control & Starting

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|---------------|---|
| 1 | 1 | 1900520025 | Q-CONTROL |
| 2 | 1 | 2014000891 | EMERGENCY STOP BUTTON |
| 3 | 1 | 2014000803 | FUSE BLOCK-1 POLE |
| | 1 | 2014000805 | FUSE BLOCK-3 POLE |
| 4 | 1 | 2230050005 | ICONS |
| 5 | 1 | 2230050005 | POWER SUPPLY FOR ICONS |
| 6 | 1 | 2014706268 | TRANSFORMER-500VA,MULTIPRIMARY, 120/24 SEC. |
| 7 | 1 | 1900520037 | I/O MODULE |
| 8 | 1 | 2013700960 | TERMINAL BLOCK, QSI |
| 9* | 1 | 2014703800 | PHASE MONITOR(200V-690V) |
| 10** | 1 | 2014703682 | RELAY-DPDT,8 AMP/120VAC |
| 11 | 1 | (SEE PAGE 33) | OVERLOAD DISCONNECT |
| | 1 | (SEE PAGE 33) | OVERLOAD DISCONNECT |
| | 1 | (SEE PAGE 33) | OVERLOAD DISCONNECT |
| | 1 | (SEE PAGE 33) | OVERLOAD DISCONNECT |
| | 1 | (SEE PAGE 33) | OVERLOAD DISCONNECT |
| 12 | 1 | 1089941547 | FAN CONTACTOR-120V |
| 13 | 1 | (SEE PAGE 32) | SOLID STATE STARTER |
| | 1 | (SEE PAGE 32) | SOLID STATE STARTER |
| | 1 | (SEE PAGE 32) | SOLID STATE STARTER |
| | 1 | (SEE PAGE 32) | SOLID STATE STARTER |
| | 1 | (SEE PAGE 32) | SOLID STATE STARTER |
| | 1 | (SEE PAGE 32) | SOLID STATE STARTER |
| 14*** | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| | 1 | (SEE PAGE 32) | DRIVE MOTOR CONTACTOR-120V |
| 15*** | 1 | (SEE PAGE 33) | OVERLOAD RELAY |
| 16*** | 1 | (SEE PAGE 33) | OVERLOAD RELAY |
| | 1 | (SEE PAGE 33) | OVERLOAD RELAY |
| 17 | 1 | 2014704058 | POWER BLOCK |
| 18 | 1 | 2014704069 | POWER BLOCK(ONLY FOR WYE-DELTA) |
| 19 | 1 | 2013700964 | BUSS,GROUNDING |
| 20 | 2 | 2014704246 | TERMINAL GROUND |
| 21 | 1 | 1089057470 | TEMPERATURE SENSOR |
| 22 | 1 | 1089057554 | PRESSURE TRANSDUCER |

* ITEM 9 (PHASE MONITOR) IS OPTIONAL.

** QUANTITY OF 2 REQUIRED ON SOLID STATE STARTER AND REMOTE START.

*** ITEMS NOT REQUIRED FOR SOLID STATE AND REMOTE STARTS.

Electrical Control & Starting (all control types)

| ITEM 18/16 | | TRANSFORMER FUSE (PRIMARY) | |
|------------|------|----------------------------|--|
| VOLTAGE | QTY. | | |
| 200 | 2 | 2014702978 | |
| 230 | 2 | 1089916826 | |
| 380 | 2 | 1089916825 | |
| 415 | 2 | 1089916824 | |
| 460 | 2 | 2014702977 | |
| 575 | 2 | 2014702980 | |

| ITEM 24/22 | | DRIVE MOTOR CONTACTOR | | | |
|--------------|------|-----------------------|--|------------|--|
| FULL VOLTAGE | | | | | |
| VOLTAGE | QTY. | 50 HP | | 60 HP | |
| 200 | 1 | 1089941563 | | 1089941581 | |
| 230 | 1 | 1089941562 | | 1089941563 | |
| 380 | 1 | 1089941545 | | 1089941561 | |
| 415 | 1 | 1089941545 | | 1089941561 | |
| 460 | 1 | 1089941545 | | 1089941546 | |
| 575 | 1 | 2010356445 | | 1089941545 | |

| | | | | | |
|-----------|------|------------|------|------------|--|
| WYE-DELTA | | | | | |
| VOLTAGE | QTY. | 50 HP | QTY. | 60 HP | |
| 200 | 1 | 1089941546 | 2 | 1089941561 | |
| | 1 | 2010356445 | | | |
| 230 | 1 | 1089941546 | 2 | 1089941561 | |
| | 1 | 2010356445 | | | |
| 380 | 2 | 2010356445 | 1 | 1089941545 | |
| | 1 | 2010356445 | | | |
| 415 | 1 | 2010356444 | 2 | 2010356445 | |
| | 1 | 2010356442 | | | |
| 460 | 1 | 2010356444 | 2 | 2010356445 | |
| | 1 | 2010356442 | | | |
| 575 | 1 | 2010356443 | 1 | 2010356444 | |
| | 1 | 2010356442 | 1 | 2010356442 | |

| ITEM 24/22 | | REDUCED VOLTAGE STARTER | | | |
|------------|------|-------------------------|--|------------|--|
| VOLTAGE | QTY. | 50 HP | | 60 HP | |
| 200 | 1 | 1089962903 | | 1089962903 | |
| 230 | 1 | 1089962903 | | 1089962903 | |
| 380 | 1 | 1089962901 | | 1089962901 | |
| 415 | 1 | 1089962901 | | 1089962901 | |
| 460 | 1 | 2014705666 | | 1089962901 | |
| 575 | 1 | 2014705656 | | 2014705657 | |

Electrical Control & Starting (all control types)

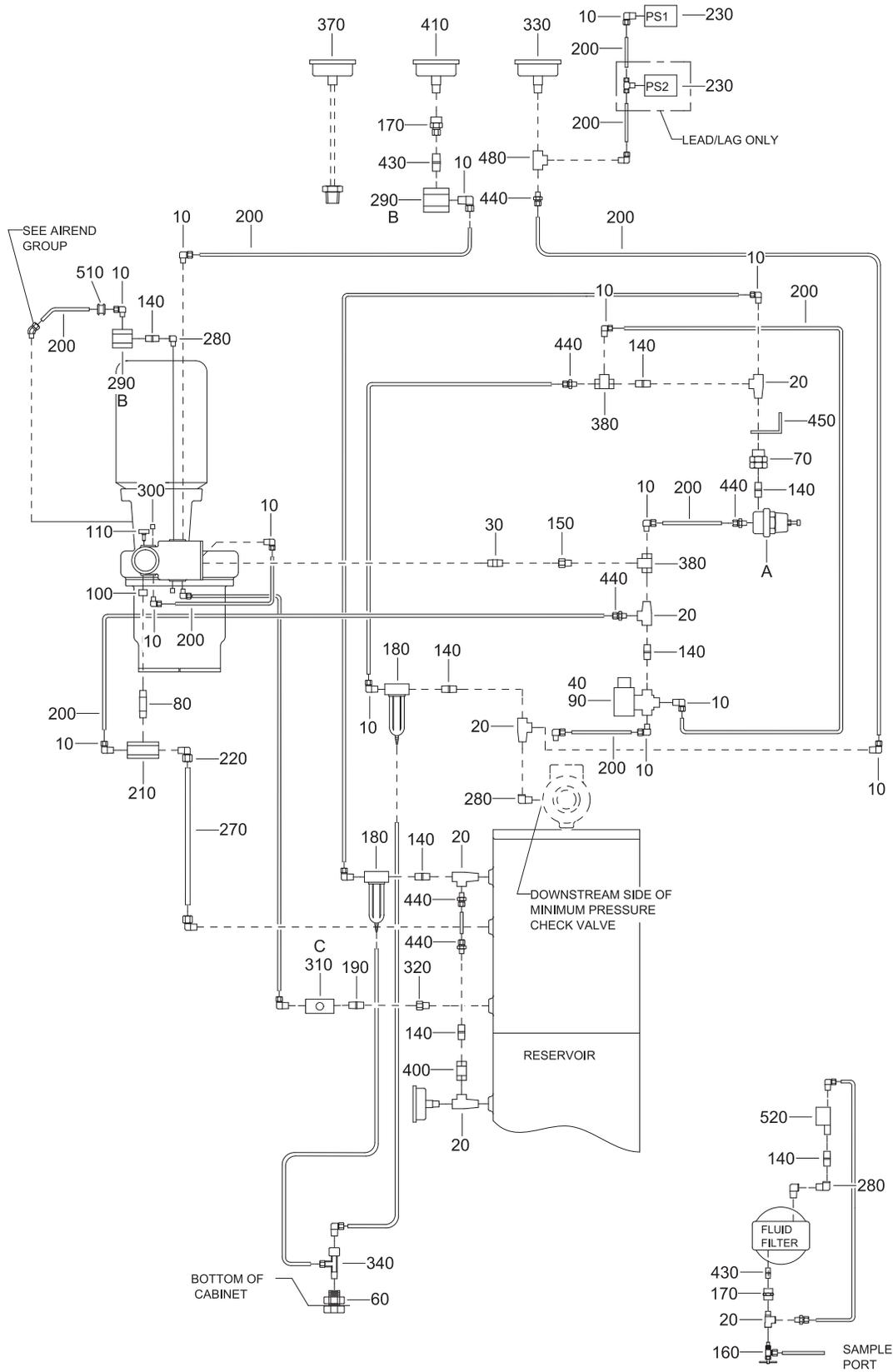
| ITEM 25/23 | | DRIVE MOTOR/STARTER OVERLOAD RELAY | | | | | |
|-------------------|-------------|---|--------------|------------------|--------------|------------------------|--------------|
| VOLTAGE | QTY. | FULL VOLTAGE | | WYE-DELTA | | REDUCED VOLTAGE | |
| | | 50 HP | 60 HP | 50 HP | 60 HP | 50 HP | 60 HP |
| 200 | 1 | 2014703815 | 2014703815 | 2014703810 | 2014703810 | N/A | N/A |
| 230 | 1 | 2014703815 | 2014703815 | 2014703815 | 2014703810 | N/A | N/A |
| 380 | 1 | 2014703815 | 2014703810 | 2014703810 | 2014703810 | N/A | N/A |
| 415 | 1 | 2014703815 | 2014703810 | 2014703810 | 2014703810 | N/A | N/A |
| 460 | 1 | 2014703815 | 2014703815 | 2014703805 | 2014703810 | 2014703815 | 2014703815 |
| 575 | 1 | 2014703810 | 2014703815 | 2014703805 | 2014703805 | 2014703810 | 2014703815 |

| ITEM 28/26 | | FAN MOTOR OVERLOAD RELAY | |
|-------------------|-------------|---------------------------------|--|
| VOLTAGE | QTY. | | |
| 200 | 1 | 2014703809 | |
| 230 | 1 | 2014703809 | |
| 380 | 1 | 2014703809 | |
| 415 | 1 | 2014703809 | |
| 460 | 1 | 2014703817 | |
| 575 | 1 | 2014703817 | |

| ITEM 30/28 | | FAN MOTOR FUSES | |
|-------------------|-------------|------------------------|--|
| VOLTAGE | QTY. | | |
| 200 | 3 | 2014702981 | |
| 230 | 3 | 2014703054 | |
| 380 | 3 | 2014703052 | |
| 415 | 3 | 1089916827 | |
| 460 | 3 | 2014702978 | |
| 575 | 3 | 2014703051 | |

| | | PHASE MONITOR FUSES (OPTIONAL) | |
|----------------|-------------|---------------------------------------|--|
| VOLTAGE | QTY. | | |
| 200 | 3 | 2014702981 | |
| 230 | 3 | 2014703054 | |
| 380 | 3 | 2014703052 | |
| 415 | 3 | 1089916827 | |
| 460 | 3 | 2014702978 | |
| 575 | 3 | 2014703051 | |

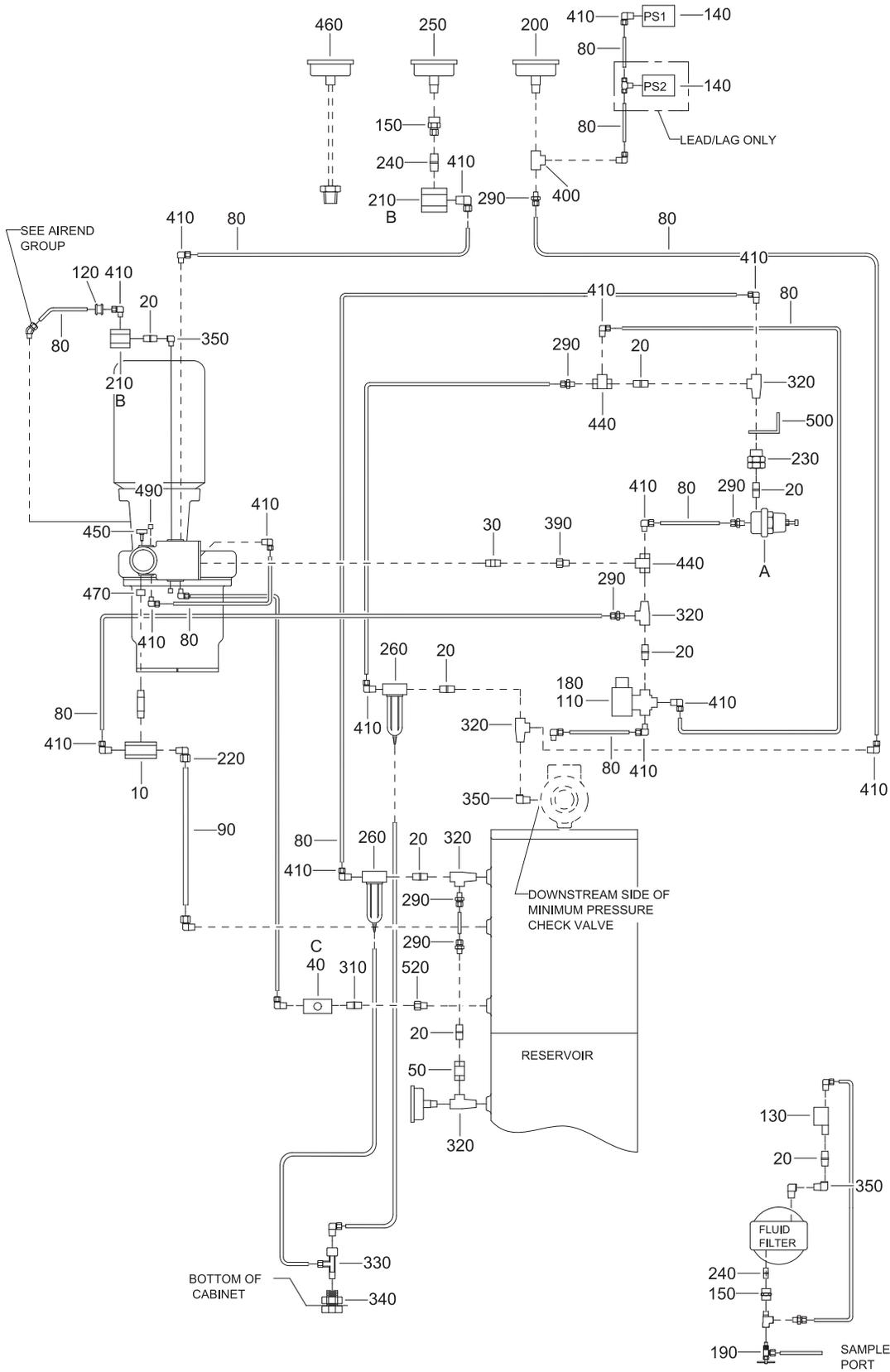
Control Piping (standard PLC control) - 2011015643



Control Piping (standard PLC control) - 2011015643

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|------------------------------------|------|-------------|---|
| 10 | 15 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 20 | 4 | 2025500485 | FIT P,TEE--,BRASS,M025X025X025 |
| 30 | 1 | 2014701357 | FIT T,CONEC,37FL,025STX025MP |
| 40 | 1 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |
| 50 | 2 | 2013700538 | AY,CABLE,DIN CONN.,7 METER |
| 60 | 1 | 2014701303 | FIT P,CPLG,BRASS,012X012BLKHD |
| 70 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 80 | 1 | 2014702444 | NIPPLE,SCH40,TBE,GLV,038X02.75 |
| 90 | 1 | 2014706335 | VALVE,SOL,3-WAY,NO,025P,24VAC |
| 100 | 1 | 2014701372 | FIT P,BUSHG,BRASS, 038X025 HEX |
| 110 | 1 | 2014705949 | SWITCH,VACUUM,25" WATER |
| 120 | 4 | 2014705091 | TUBE-FT,STSTL CFS,.25ODX.035W |
| 130 | 1 | 2014701102 | FIT T,ELBOW,FLLS,025STX025MPX9 |
| 140 | 7 | 2014702228 | NIPPLE,BRASS,TBE, XS,025XCLOSE |
| 150 | 1 | 2014701339 | FIT,CONN,SWVL,1/4TUBEX1/4PIPE |
| 160 | 1 | 1627404059 | VALVE,ANGLE,NEEDLE,025NTX012MP |
| 170 | 2 | 2014701752 | FIT P,CPLG,BRASS, 012X012 |
| 180 | 2 | 1627434018 | FILTER,LINE,025NPT,AUTO-DRAIN |
| 190 | 1 | 2014704129 | VALVE,CHK,IN-LINE,025P,200PSI |
| 200 | 47 | 2014705166 | TUBE-FT,1/4 NYLON 11,BLACK |
| 210 | 1 | 2013900236 | VALVE,BLOWDOWN,1/4NPT |
| 220 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 230 | 1 | 2014704306 | SWITCH,PRS,OPEN ,110LB,15DIF |
| 240 | 1 | 2010344926 | FIT T,ELBOW,37FL,025STX025MPX9 |
| 250 | 1 | 2013201852 | AY,HOSEF0.25 51.00 1500WP |
| 260 | 1 | 2014701666 | FIT T,ELBOW,FLLS,038NTX038MPX9 |
| 270 | 5 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 280 | 5 | 2014701375 | FIT P,ELBOW,BRASS,M025X025X90 |
| 290 | 2 | 2013900054 | AY,VALVE,CHECK,GAUGE,CAPACITY |
| 300 | 3 | 2025500418 | FIT P,PLUG-,300PLN 025 HX SOCK |
| 310 | 1 | 2013200637 | SIGHTGLASS,1/4NPT,300PSI |
| 320 | 1 | 2013400080 | FILTER,LINE,.040 DIA,.25 NPT |
| 330 | 1 | 1627433006 | GAUGE,PRS,0-300,2.50,1/4CBK |
| 340 | 1 | 2014701897 | FIT T,TEE--,COMP,025CTX012MP |
| 350 | 2 | 2014700680 | FIT T,CONEC,BITE,025STX025MP |
| 360 | 1 | 2013202217 | DASH-POT PRESSURE GAUGE |
| 370 | 1 | 1627433009 | GAUGE,THERMO,ASSEMBLY,SAE&NPT |
| 380 | 2 | 1627404072 | VALVE,SHUTTLE,025P |
| 390 | 1 | 2025500486 | FIT P,TEE--,BRASS,M012X012X012 |
| 400 | 1 | 2014704297 | SWITCH,PRS,10 PSID DIF |
| 410 | 1 | 1627433007 | GAUGE,CAPACITY,0-100% |
| 420 | 1 | 2010318726 | FIT T,ELBOW,37FL,025STX012MPX9 |
| 430 | 2 | 2014702229 | NIPPLE,BRASS,TBE, XS,012XCLOSE |
| 440 | 3 | 2014701945 | FIT T,CONEC,FLLS,025NTX025MP |
| 450 | 1 | 2013304095 | BRACKET,SUPPORT,CONTROL PIPE |
| 460 | 1 | 1627404081 | VALVE,PRESREG,025P,75-175PSI |
| 470 | 1 | 2014701101 | FIT T,ELBOW,BITE,025STX012MPX9 |
| 480 | 1 | 2025500275 | FIT P,TEE--,BRASS, 025X025X025 |
| 490 | 1 | 2025500648 | NIPPLE,BRASS,TBE,012X025,CLOSE |
| 500 | 1 | 0581120067 | FIT T,ELBOW,COMP,025CTX012MPX9 |
| 510 | 1 | 1627456109 | GROMMET,RUBBER,0.81ID,0.94GD |
| 520 | 1 | 2014704298 | SWITCH,PRS,19 PSID DIF |
| 600 | 1 | 2014700690 | FIT T,CONEC,BITE,025STX025FP |
| 610 | 1 | 2014700843 | FIT T,VIBRA-LOK,.25STX.25MP |
| <u>COMPONENT MAINTENANCE PARTS</u> | | | |
| A | 1 | 1627456261 | KT,REPAIR,PILOT (INCLUDES DIAPHRAGM ASSEMBLY & SEAT) |
| B | 4 | 2010356483 | O-RING,BUNA-N ,0.06W, 0.18ID |
| C | 2 | 2025501056 | O-RING,VITON ,0.06W, 0.25ID |
| | 1 | 2010356518 | O-RING,VITON--,0.072W,0.351ID |

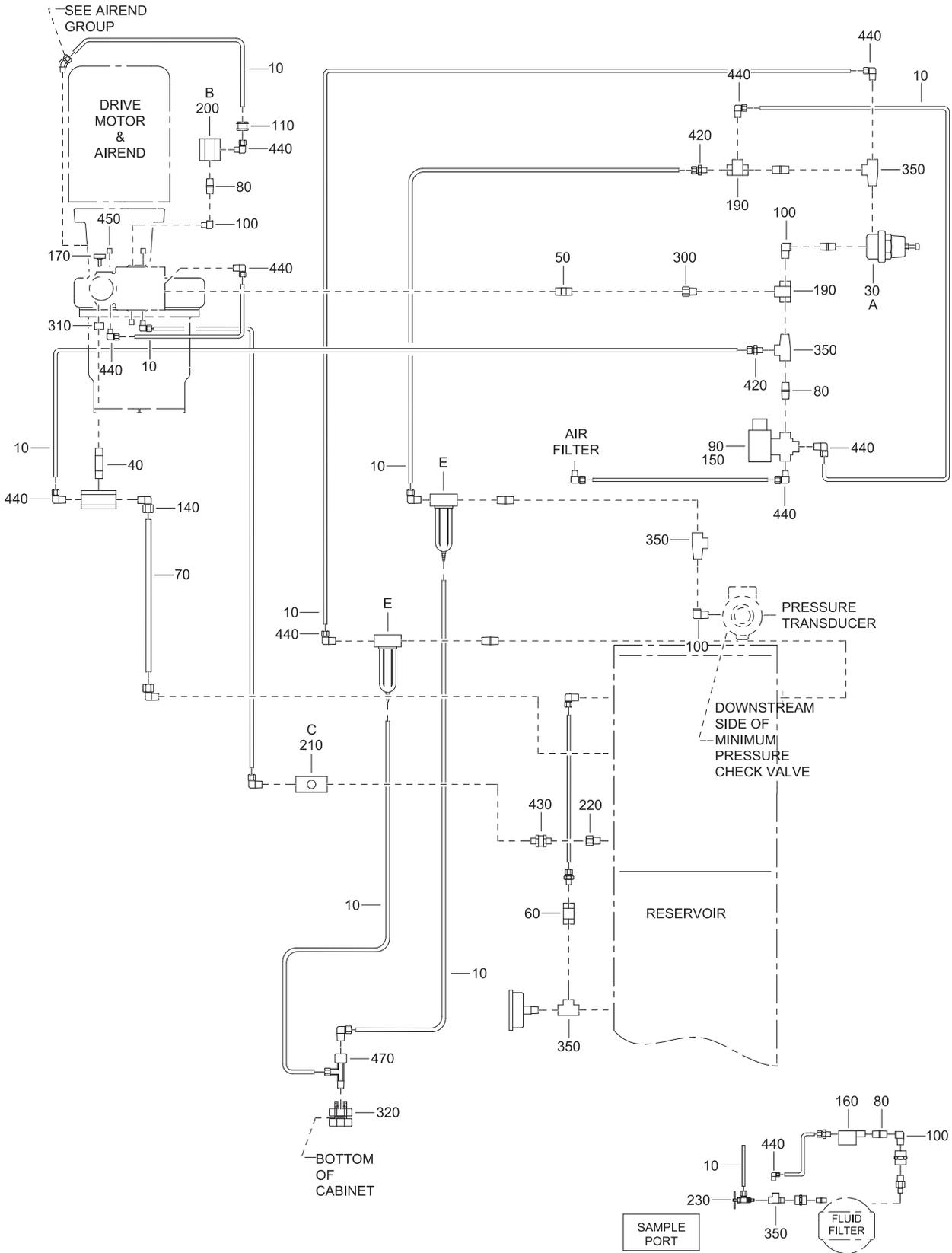
Control Piping (standard PLC control) - 2011015645



Control Piping (standard PLC control) - 2011015645

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013900236 | VALVE,BLOWDOWN,1/4NPT |
| 20 | 7 | 2014702228 | NIPPLE,BRASS,TBE, XS,025XCLOSE |
| 30 | 1 | 2014701357 | FIT T,CONEC,37FL,025STX025MP |
| 40 | 1 | 2013200637 | SIGHTGLASS,1/4NPT,300PSI |
| 50 | 1 | 2014704297 | SWITCH,PRS,10 PSID DIF |
| 60 | 4 | 2014705091 | TUBE-FT,STSTL CFS,..25ODX.035W |
| 70 | 1 | 2013201852 | AY,HOSEF0.25 51.00 1500WP |
| 80 | 25 | 2014705166 | TUBE-FT,1/4 NYLON 11,BLACK |
| 90 | 5 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 100 | 1 | 1627404081 | VALVE,PRESREG,025P,75-175PSI |
| 110 | 1 | 2014706335 | VALVE,SOL,3-WAY,NO,025P,24VAC |
| 120 | 1 | 1627456109 | GROMMET,RUBBER,0.81ID,0.94GD |
| 130 | 1 | 2014704298 | SWITCH,PRS,19 PSID DIF |
| 140 | 1 | 2014704338 | SWITCH,PRS,OPEN ,207LB,18DIF |
| 150 | 2 | 2014701752 | FIT P,CPLG,BRASS, 012X012 |
| 160 | 2 | 2014700680 | FIT T,CONEC,BITE,025STX025MP |
| 170 | 1 | 2010318726 | FIT T,ELBOW,37FL,025STX012MPX9 |
| 180 | 1 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |
| 190 | 1 | 1627404059 | VALVE,ANGLE,NEEDLE,025NTX012MP |
| 200 | 1 | 1627433006 | GAUGE,PRS,0-300,2.50,1/4CBK |
| 210 | 2 | 2013900054 | AY,VALVE,CHECK,GAUGE,CAPACITY |
| 220 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 230 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 240 | 2 | 2014702229 | NIPPLE,BRASS,TBE, XS,012XCLOSE |
| 250 | 1 | 1627433007 | GAUGE,CAPACITY,0-100% |
| 260 | 2 | 1627434018 | FILTER,LINE,025NPT,AUTO-DRAIN |
| 270 | 1 | 0581120067 | FIT T,ELBOW,COMP,025CTX012MPX9 |
| 280 | 1 | 2010344926 | FIT T,ELBOW,37FL,025STX025MPX9 |
| 290 | 3 | 2014701945 | FIT T,CONEC,FLLS,025NTX025MP |
| 300 | 2 | 2013700538 | AY,CABLE,DIN CONN.,7 METER |
| 310 | 1 | 2014704129 | VALVE,CHK,IN-LINE,025P,200PSI |
| 320 | 4 | 2025500485 | FIT P,TEE--,BRASS,M025X025X025 |
| 330 | 1 | 2014701897 | FIT T,TEE--,COMP,025CTX012MP |
| 340 | 1 | 2014701303 | FIT P,CPLG,BRASS,012X012BLKHD |
| 350 | 5 | 2014701375 | FIT P,ELBOW,BRASS,M025X025X90 |
| 360 | 1 | 2014701102 | FIT T,ELBOW,FLLS,025STX025MPX9 |
| 370 | 1 | 2014701101 | FIT T,ELBOW,BITE,025STX012MPX9 |
| 380 | 1 | 2025500486 | FIT P,TEE--,BRASS,M012X012X012 |
| 390 | 1 | 2014701339 | FIT,CONN,SWVL,1/4TUBEX1/4PIPE |
| 400 | 1 | 2025500275 | FIT P,TEE--,BRASS, 025X025X025 |
| 410 | 15 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 420 | 1 | 2025500648 | NIPPLE,BRASS,TBE,012X025,CLOSE |
| 430 | 1 | 2014702232 | NIPPLE,BRASS,TBE, XS,025X02.00 |
| 440 | 2 | 1627404072 | VALVE,SHUTTLE,025P |
| 450 | 1 | 2014705949 | SWITCH,VACUUM,25" WATER |
| 460 | 1 | 1627433009 | GAUGE,THERMO,ASSEMBLY,SAE&NPT |
| 470 | 1 | 2014701372 | FIT P,BUSHG,BRASS, 038X025 HEX |
| 480 | 1 | 2014701666 | FIT T,ELBOW,FLLS,038NTX038MPX9 |
| 490 | 4 | 2025500418 | FIT P,PLUG-,300PLN 025 HX SOCK |
| 500 | 1 | 2013304095 | BRACKET,SUPPORT,CONTROL PIPE |
| 510 | 1 | 2013202217 | DASH-POT PRESSURE GAUGE |
| 520 | 1 | 2013400080 | FILTER,LINE,.040 DIA,.25 NPT |
| 600 | 1 | 2014700690 | FIT T,CONEC,BITE,025STX025FP |
| 610 | 1 | 2014700843 | FIT T,VIBRA-LOK,.25STX.25MP |

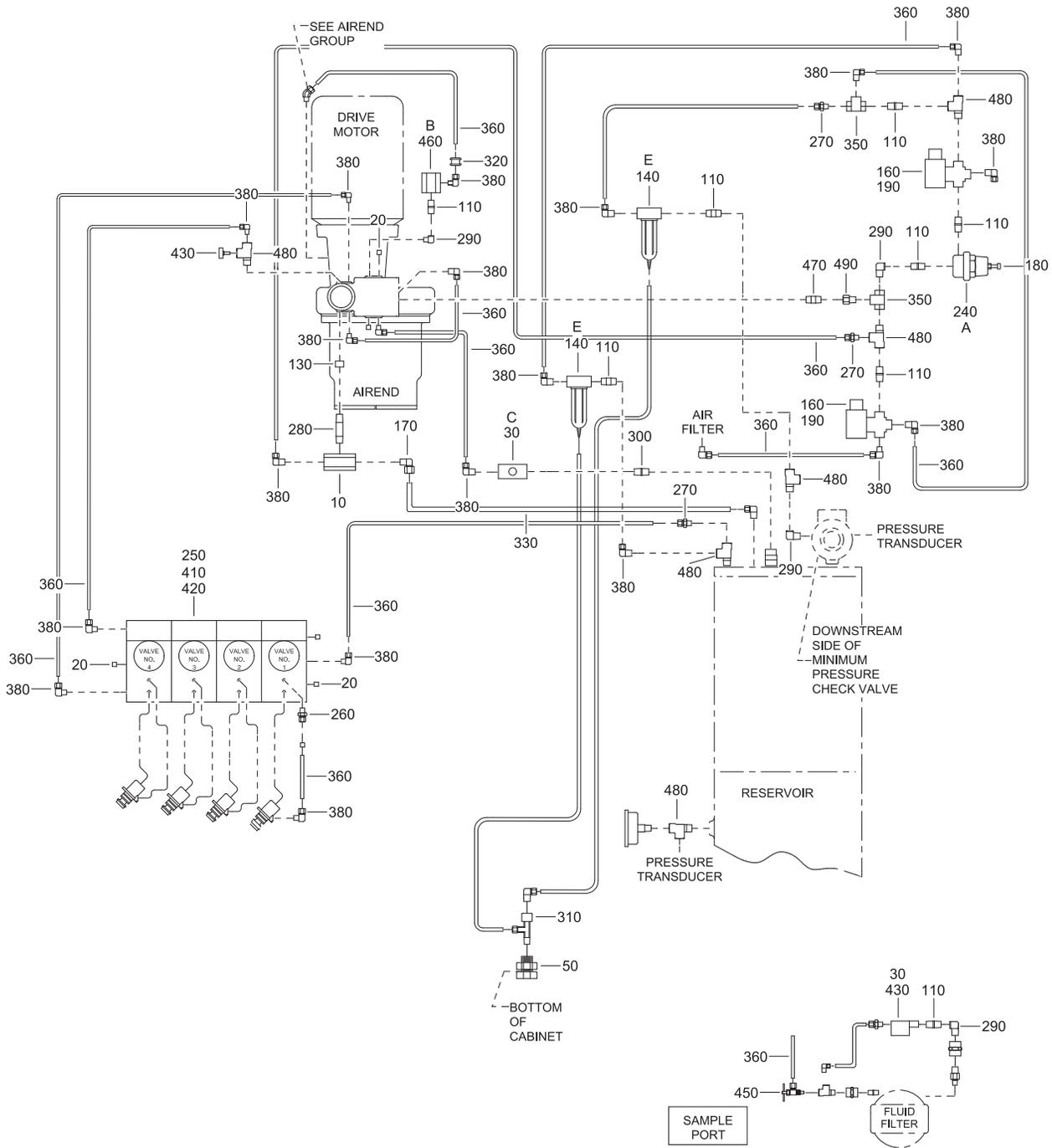
Control Piping (standard PLC control) - 2011014967



Control Piping (standard PLC control) - 2011014967

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2014705166 | TUBE-FT,1/4 NYLON 11,BLACK |
| 20 | 1 | 2013202217 | DASH-POT PRESSURE GAUGE |
| 30 | 1 | 1627404081 | VALVE,PRESREG,025P,75-175PSI |
| 40 | 1 | 2014702232 | NIPPLE,BRASS,TBE, XS,025X02.00 |
| 50 | 1 | 2014701357 | FIT T,CONEC,37FL,025STX025MP |
| 60 | 1 | 2014704297 | SWITCH,PRS,10 PSID DIF |
| 70 | 5 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 80 | 8 | 2014702228 | NIPPLE,BRASS,TBE, XS,025XCLOSE |
| 90 | 1 | 2014706335 | VALVE,SOL,3-WAY,NO,025P,24VAC |
| 100 | 5 | 2014701375 | FIT P,ELBOW,BRASS,M025X025X90 |
| 110 | 1 | 1627456109 | GROMMET,RUBBER,0.81ID,0.94GD |
| 120 | 1 | 2014701101 | FIT T,ELBOW,BITE,025STX012MPX9 |
| 130 | 1 | 2014701753 | FIT P,CPLG,BRASS, 025X025 |
| 140 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 150 | 1 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |
| 160 | 1 | 2014704298 | SWITCH,PRS,19 PSID DIF |
| 170 | 1 | 2014705949 | SWITCH,VACUUM,25" WATER |
| 180 | 1 | 2013900236 | VALVE,BLOWDOWN,1/4NPT |
| 190 | 2 | 1627404072 | VALVE,SHUTTLE,025P |
| 200 | 1 | 2013900054 | AY,VALVE,CHECK,GAUGE,CAPACITY |
| 210 | 1 | 2013200637 | SIGHTGLASS,1/4NPT,300PSI |
| 220 | 1 | 2013400080 | FILTER,LINE,.040 DIA,.25 NPT |
| 230 | 1 | 1627404059 | VALVE,ANGLE,NEEDLE,025NTX012MP |
| 240 | 2 | 2013700538 | AY,CABLE,DIN CONN.,7 METER |
| 250 | 1 | 2014702234 | NIPPLE,BRASS,TBE, XS,025X01.25 |
| 260 | 1 | 2014702229 | NIPPLE,BRASS,TBE, XS,012XCLOSE |
| 270 | 1 | 2025500648 | NIPPLE,BRASS,TBE,012X025,CLOSE |
| 280 | 2 | 2014700680 | FIT T,CONEC,BITE,025STX025MP |
| 290 | 1 | 2014701666 | FIT T,ELBOW,FLLS,038NTX038MPX9 |
| 300 | 1 | 2014701339 | FIT,CONN,SWVL,1/4TUBEX1/4PIPE |
| 310 | 1 | 2014701372 | FIT P,BUSHG,BRASS, 038X025 HEX |
| 320 | 1 | 2014701303 | FIT P,CPLG,BRASS,012X012BLKHD |
| 330 | 1 | 2013201852 | AY,HOSEF0.25 51.00 1500WP |
| 340 | 2 | 2014705091 | TUBE-FT,STSTL CFS,.25ODX.035W |
| 350 | 3 | 2025500485 | FIT P,TEE--,BRASS,M025X025X025 |
| 360 | 1 | 2014701102 | FIT T,ELBOW,FLLS,025STX025MPX9 |
| 370 | 1 | 2010318726 | FIT T,ELBOW,37FL,025STX012MPX9 |
| 380 | 1 | 2010344926 | FIT T,ELBOW,37FL,025STX025MPX9 |
| 390 | 2 | 1627434018 | FILTER,LINE,025NPT,AUTO-DRAIN |
| 400 | 1 | 2025500275 | FIT P,TEE--,BRASS, 025X025X025 |
| 410 | 1 | 2025500486 | FIT P,TEE--,BRASS,M012X012X012 |
| 420 | 2 | 2014701945 | FIT T,CONEC,FLLS,025NTX025MP |
| 430 | 1 | 2014704129 | VALVE,CHK,IN-LINE,025P,200PSI |
| 440 | 9 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 450 | 3 | 2025500418 | FIT P,PLUG-,300PLN 025 HX SOCK |
| 460 | 1 | 2014701752 | FIT P,CPLG,BRASS, 012X012 |
| 470 | 1 | 2014701897 | FIT T,TEE--,COMP,025CTX012MP |
| 480 | 1 | 0581120067 | FIT T,ELBOW,COMP,025CTX012MPX9 |
| 500 | 1 | 2014700690 | FIT T,CONEC,BITE,025STX025FP |
| 610 | 1 | 2014700843 | FIT T,VIBRA-LOK,.25STX.25MP |

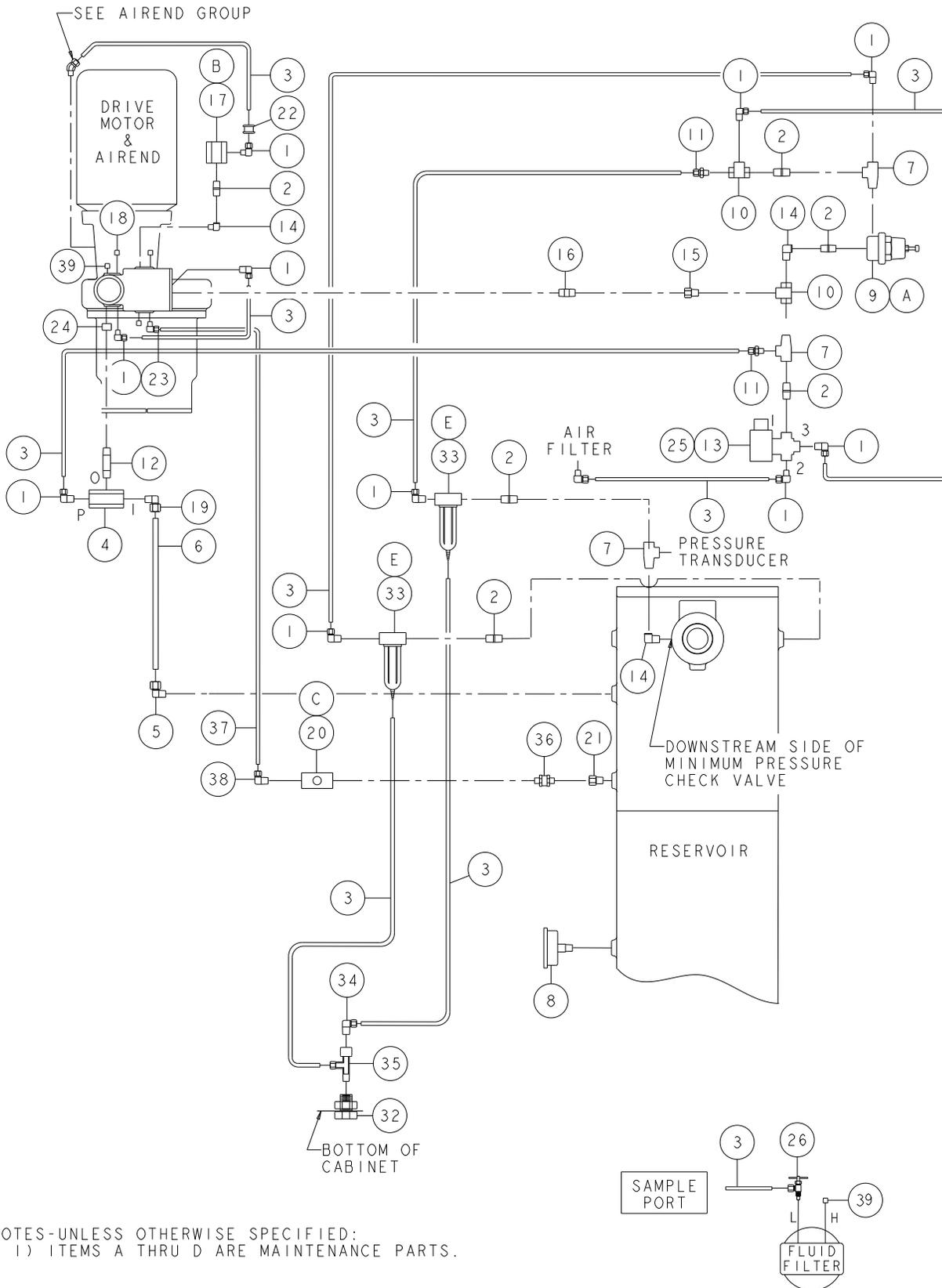
Control Piping (standard PLC control) - 2011014971



Control Piping (standard PLC control) - 2011014971

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013900236 | VALVE,BLOWDOWN,1/4NPT |
| 20 | 5 | 2025500418 | FIT P,PLUG-,300PLN 025 HX SOCK |
| 30 | 1 | 2013200637 | SIGHTGLASS,1/4NPT,300PSI |
| 40 | 1 | 2013700538 | AY,CABLE,DIN CONN.,7 METER |
| 50 | 1 | 2014701303 | FIT P,CPLG,BRASS,012X012BLKHD |
| 60 | 1 | 2014701666 | FIT T,ELBOW,FLLS,038NTX038MPX9 |
| 70 | 3 | 2014705091 | TUBE-FT,STSTL CFS,.25ODX.035W |
| 80 | 1 | 2025500648 | NIPPLE,BRASS,TBE,012X025,CLOSE |
| 90 | 1 | 0581120067 | FIT T,ELBOW,COMP,025CTX012MPX9 |
| 100 | 1 | 2013201852 | AY,HOSEF0.25 51.00 1500WP |
| 110 | 7 | 2014702228 | NIPPLE,BRASS,TBE, XS,025XCLOSE |
| 120 | 1 | 2013202217 | DASH-POT PRESSURE GAUGE |
| 130 | 1 | 2014701372 | FIT P,BUSHG,BRASS, 038X025 HEX |
| 140 | 2 | 1627434018 | FILTER,LINE,025NPT,AUTO-DRAIN |
| 150 | 1 | 2014701753 | FIT P,CPLG,BRASS, 025X025 |
| 160 | 2 | 2014706335 | VALVE,SOL,3-WAY,NO,025P,24VAC |
| 170 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 180 | 1 | 2010318726 | FIT T,ELBOW,37FL,025STX012MPX9 |
| 190 | 2 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |
| 200 | 1 | 2014704298 | SWITCH,PRS,19 PSID DIF |
| 210 | 1 | 2010344926 | FIT T,ELBOW,37FL,025STX025MPX9 |
| 220 | 1 | 2014701101 | FIT T,ELBOW,BITE,025STX012MPX9 |
| 230 | 1 | 2014700680 | FIT T,CONEC,BITE,025STX025MP |
| 240 | 1 | 1627404081 | VALVE,PRESREG,025P,75-175PSI |
| 250 | 1 | 2013305613 | BRACKET,BANK,SOLENOID |
| 260 | 8 | 2014701904 | FIT T,CONEC,FLLS,025NTX012MP |
| 270 | 3 | 2014701945 | FIT T,CONEC,FLLS,025NTX025MP |
| 280 | 1 | 2014702232 | NIPPLE,BRASS,TBE, XS,025X02.00 |
| 290 | 4 | 2014701375 | FIT P,ELBOW,BRASS,M025X025X90 |
| 300 | 1 | 2013400080 | FILTER,LINE,.040 DIA,.25 NPT |
| 310 | 1 | 2014701897 | FIT T,TEE--,COMP,025CTX012MP |
| 320 | 1 | 1627456109 | GROMMET,RUBBER,0.81ID,0.94GD |
| 330 | 5 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 340 | 8 | 1627450284 | ORIFICE,PLUG ,0.062ID,0.202OD |
| 350 | 2 | 1627404072 | VALVE,SHUTTLE,025P |
| 360 | 28 | 2014705166 | TUBE-FT,1/4 NYLON 11,BLACK |
| 370 | 1 | 2014702229 | NIPPLE,BRASS,TBE, XS,012XCLOSE |
| 380 | 22 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 390 | 1 | 2014701752 | FIT P,CPLG,BRASS, 012X012 |
| 400 | 1 | 2014704129 | VALVE,CHK,IN-LINE,025P,200PSI |
| 410 | 1 | 2013700387 | AY,CABLE W/VDR,5 METER,24VDC |
| 420 | 1 | 2013900347 | BANK,SOLENOID,4 VALVE,N4,24VAC |
| 430 | 1 | 2014705949 | SWITCH,VACUUM,25" WATER |
| 440 | 1 | 2025500486 | FIT P,TEE--,BRASS,M012X012X012 |
| 450 | 1 | 1627404059 | VALVE,ANGLE,NEEDLE,025NTX012MP |
| 460 | 1 | 2013900054 | AY,VALVE,CHECK,GAUGE,CAPACITY |
| 470 | 1 | 2014701357 | FIT T,CONEC,37FL,025STX025MP |
| 480 | 6 | 2025500485 | FIT P,TEE--,BRASS,M025X025X025 |
| 490 | 1 | 2014701339 | FIT,CONN,SWVL,1/4TUBEX1/4PIPE |
| 500 | 4 | 2025500973 | NUT,LOK,.25 NC,SAE 2,NONE |
| 510 | 4 | 2014700107 | SCREW,CAP,CS,HEX ,ZN.25NCX2.50 |
| 520 | 1 | 2013201968 | TUBING,PRE-BENT,025ST,QSI-335/ |
| 600 | 1 | 2014700690 | FIT T,CONEC,BITE,025STX025FP |
| 610 | 1 | 2014700843 | FIT T,VIBRA-LOK,.25STX.25MP |
| 610 | 1 | 2014700843 | FIT T,VIBRA-LOK,.25STX.25MP |

Q-Control (electronic control) - 2011020526



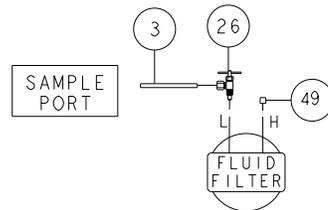
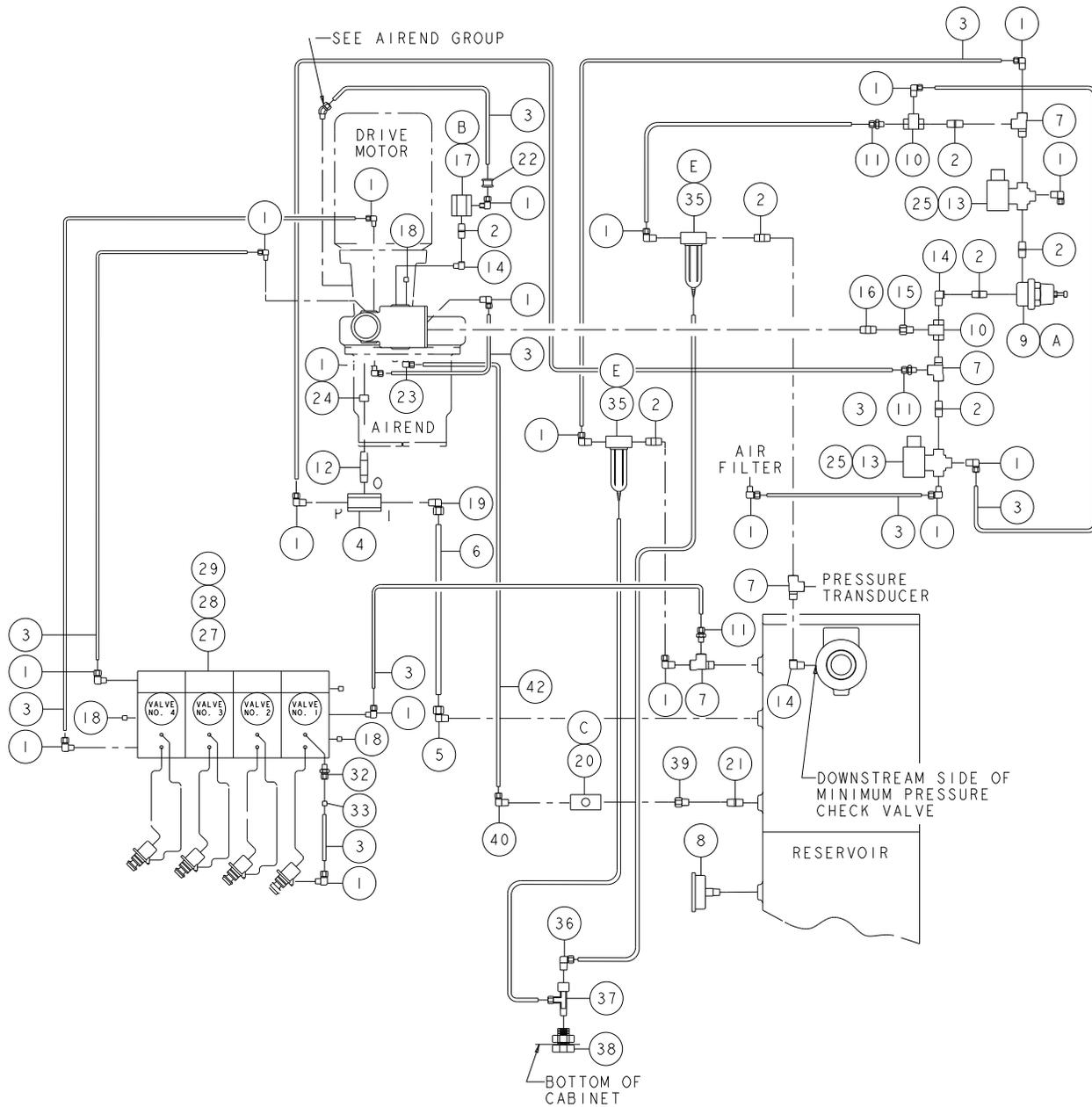
Q-Control (electronic control) - 2011020526

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 1 | 10 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 2 | 6 | 2014702228 | NIPPLE,BRASS,TBE, XS,025XCLOSE |
| 3 | 16 | 2014705166 | TUBE-FT,1/4 NYLON 11,BLACK |
| 4 | 1 | 2013900236 | VALVE,BLOWDOWN,1/4NPT |
| 5 | 1 | 2014701414 | FIT T,ELBOW,FLLS,038NTX050MPX9 |
| 6 | 5 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 7 | 3 | 2025500485 | FIT P,TEE--,BRASS,M025X025X025 |
| 8 | 1 | 2013200477 | GAUGE,PRS,0-200,2.50,1/4CBK,LF |
| 9 | 1 | 1627404081 | VALVE,PRESREG,025P,75-175PSI |
| 10 | 2 | 1627404072 | VALVE,SHUTTLE,025P |
| 11 | 2 | 2014701945 | FIT T,CONEC,FLLS,025NTX025MP |
| 12 | 1 | 2014702232 | NIPPLE,BRASS,TBE, XS,025X02.00 |
| 13 | 1 | 2014706335 | VALVE,SOL,3-WAY,NO,025P,24VAC |
| 14 | 3 | 2014701375 | FIT P,ELBOW,BRASS,M025X025X90 |
| 15 | 1 | 2014701339 | FIT,CONN,SWVL,1/4TUBEX1/4PIPE |
| 16 | 1 | 2014701357 | FIT T,CONEC,37FL,025STX025MP |
| 17 | 1 | 2013900054 | AY,VALVE,CHECK,GAUGE,CAPACITY |
| 18 | 4 | 2025500418 | FIT P,PLUG-,300PLN 025 HX SOCK |
| 19 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 20 | 1 | 2013200637 | SIGHTGLASS,1/4NPT,300PSI |
| 21 | 1 | 2013400080 | FILTER,LINE,.040 DIA,.25 NPT |
| 22 | 1 | 1627456109 | GROMMET,RUBBER,0.81ID,0.94GD |
| 23 | 1 | 2014701154 | FIT T,CONEC,ORNG,025STX044MS |
| 24 | 1 | 2014701372 | FIT P,BUSHG,BRASS, 038X025 HEX |
| 25 | 1 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |
| 26 | 1 | 1627404059 | VALVE,ANGLE,NEEDLE,025NTX012MP |
| 31 | 2 | 2013700538 | AY,CABLE,DIN CONN.,7 METER |
| 32 | 1 | 2014701303 | FIT P,CPLG,BRASS,012X012BLKHD |
| 33 | 2 | 1627434018 | FILTER,LINE,025NPT,AUTO-DRAIN |
| 34 | 1 | 2014701662 | FIT T,ELBOW,FLLS,025NTX012MPX9 |
| 35 | 1 | 2014701897 | FIT T,TEE--,COMP,025CTX012MP |
| 36 | 1 | 2014704129 | VALVE,CHK,IN-LINE,025P,200PSI |
| 39 | 2 | 2014701277 | FIT P,PLUG-,300PLN 012 HX SOCK |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|---|------------|---|
| A | 1 | 1627456261 | KT,REPAIR,PILOT (INCLUDES DIAPHRAGM ASSEMBLY & SEAT) |
| B | 4 | 2010356483 | O-RING,BUNA-N ,0.06W, 0.18ID |
| C | 2 | 2025501056 | O-RING,VITON ,0.06W, 0.25ID |
| D | 1 | 2010356518 | O-RING,VITON--,0.072W,0.351ID |
| E | 2 | 1627456101 | KT,CARTRIDGE,FLTR,LINE |

Q-Control (Power\$ync control) - 2011020525



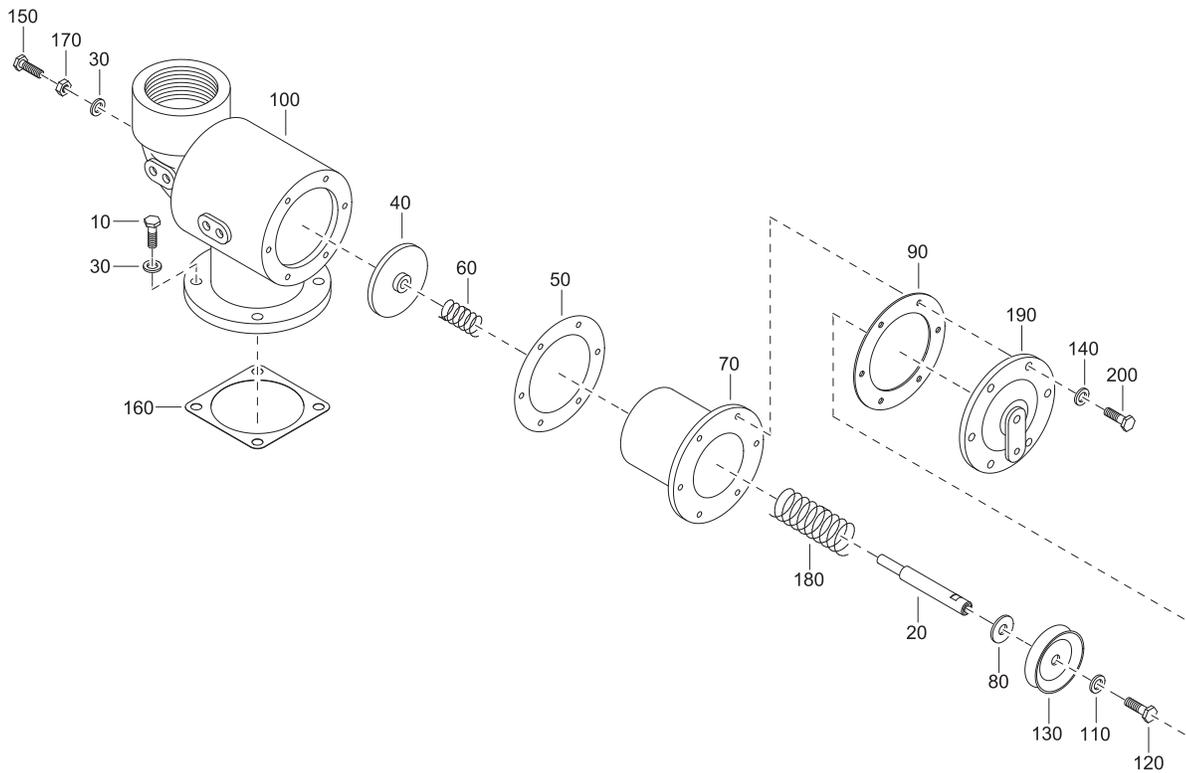
Q-Control (Power\$ync control) - 2011020525

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 1 | 23 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 2 | 7 | 2014702228 | NIPPLE,BRASS,TBE, XS,025XCLOSE |
| 3 | 32 | 2014705166 | TUBE-FT,1/4 NYLON 11,BLACK |
| 4 | 1 | 2013900236 | VALVE,BLOWDOWN,1/4NPT |
| 5 | 1 | 2014701414 | FIT T,ELBOW,FLLS,038NTX050MPX9 |
| 6 | 5 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 7 | 4 | 2025500485 | FIT P,TEE--,BRASS,M025X025X025 |
| 8 | 1 | 2013200477 | GAUGE,PRS,0-200,2.50,1/4CBK,LF |
| 9 | 1 | 1627404081 | VALVE,PRESREG,025P,75-175PSI |
| 10 | 2 | 1627404072 | VALVE,SHUTTLE,025P |
| 11 | 3 | 2014701945 | FIT T,CONEC,FLLS,025NTX025MP |
| 12 | 1 | 2014702232 | NIPPLE,BRASS,TBE, XS,025X02.00 |
| 13 | 2 | 2014706335 | VALVE,SOL,3-WAY,NO,025P,24VAC |
| 14 | 3 | 2014701375 | FIT P,ELBOW,BRASS,M025X025X90 |
| 15 | 1 | 2014701339 | FIT,CONN,SWVL,1/4TUBEX1/4PIPE |
| 16 | 1 | 2014701357 | FIT T,CONEC,37FL,025STX025MP |
| 17 | 1 | 2013900054 | AY,VALVE,CHECK,GAUGE,CAPACITY |
| 18 | 6 | 2025500418 | FIT P,PLUG-,300PLN 025 HX SOCK |
| 19 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 20 | 1 | 2013200637 | SIGHTGLASS,1/4NPT,300PSI |
| 21 | 1 | 2013400080 | FILTER,LINE,.040 DIA,.25 NPT |
| 22 | 1 | 1627456109 | GROMMET,RUBBER,0.81ID,0.94GD |
| 23 | 1 | 2014701154 | FIT T,CONEC,ORNG,025STX044MS |
| 24 | 1 | 2014701372 | FIT P,BUSHG,BRASS, 038X025 HEX |
| 25 | 2 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |
| 26 | 1 | 1627404059 | VALVE,ANGLE,NEEDLE,025NTX012MP |
| 27 | 1 | 2013900347 | BANK,SOLENOID,4 VALVE,N4,24VAC |
| 28 | 1 | 2013700387 | AY,CABLE W/VDR,5 METER,24VDC |
| 29 | 1 | 2013305613 | BRACKET,BANK,SOLENOID |
| 32 | 8 | 2014701904 | FIT T,CONEC,FLLS,025NTX012MP |
| 33 | 8 | 1627450284 | ORIFICE,PLUG ,0.062ID,0.202OD |
| 35 | 2 | 1627434018 | FILTER,LINE,025NPT,AUTO-DRAIN |
| 36 | 1 | 2014701662 | FIT T,ELBOW,FLLS,025NTX012MPX9 |
| 37 | 1 | 2014701897 | FIT T,TEE--,COMP,025CTX012MP |
| 38 | 1 | 2014701303 | FIT P,CPLG,BRASS,012X012BLKHD |
| 39 | 1 | 2014704129 | VALVE,CHK,IN-LINE,025P,200PSI |
| 49 | 1 | 2014701277 | FIT P,PLUG-,300PLN 012 HX SOCK |

COMPONENT MAINTENANCE PARTS

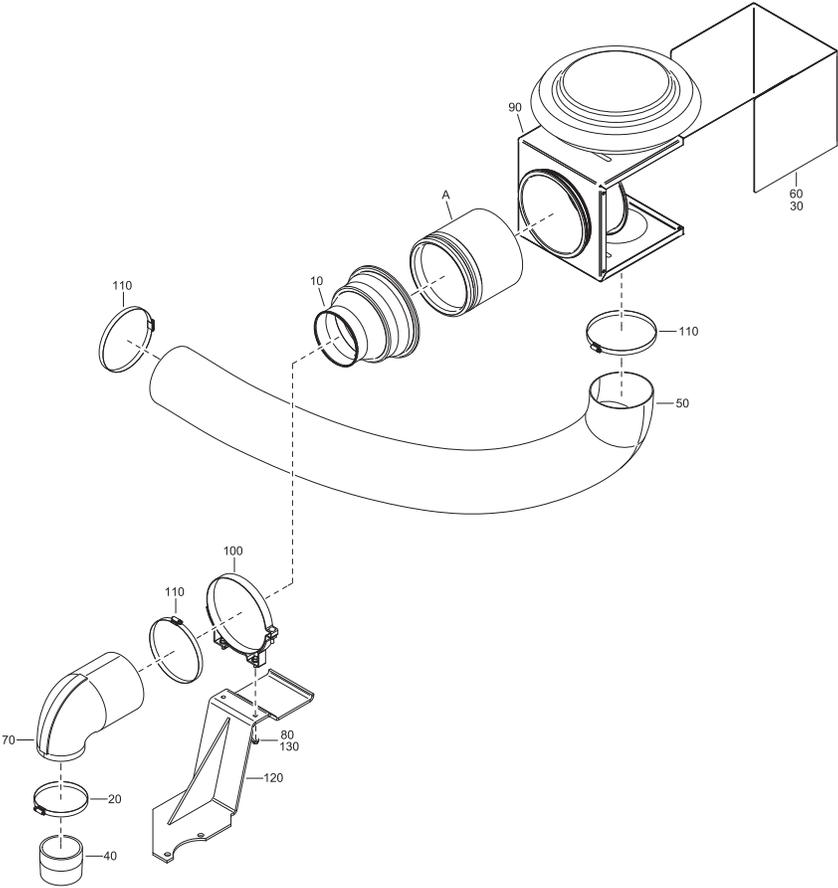
| | | | |
|---|---|------------|---|
| A | 1 | 1627456261 | KT,REPAIR,PILOT (INCLUDES DIAPHRAGM ASSEMBLY & SEAT) |
| B | 4 | 2010356483 | O-RING,BUNA-N ,0.06W, 0.18ID |
| C | 2 | 2025501056 | O-RING,VITON ,0.06W, 0.25ID |
| D | 1 | 2010356518 | O-RING,VITON--,0.072W,0.351ID |
| E | 2 | 1627456101 | KT,CARTRIDGE,FLTR,LINE |

Inlet Valve - 1627501000



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|---------------------------------|
| 10 | 4 | 2025501365 | SCREW,CAP,CS,HEX ,ZN.50NCX1.50 |
| 20 | 1 | 1627455887 | SHAFT,VALVE,INLET |
| 30 | 5 | 2025501571 | WASHER,HLOC.500CRS,ZN, .125 THK |
| 40 | 1 | 1627424013 | AY,PLATE,VALVE,INLET |
| 50 | 1 | 1627413013 | GASKET, 6.50OD, 4.56ID, 5.50BC |
| 60 | 1 | 1627408001 | SPRING,COMP,1.09D,2.50L,0.50RT |
| 70 | 1 | 1627456053 | AY,CYLINDER,VALVE,INLET |
| 80 | 1 | 2014701983 | WASHER,FLAT .56HRS,PL,.127 THK |
| 90 | 1 | 1627413043 | GASKET,VALVE,INLET |
| 100 | 1 | 2014300157 | HOUSING,VALVE,INLET |
| 110 | 1 | 2024805800 | WASHER,FLAT.045STEEL |
| 120 | 1 | 2025501273 | SCREW,CAP,CS,HEX ,PL.50NCX1.00 |
| 130 | 1 | 2014600200 | CUP,PISTON,3.50DIA,RUBBER |
| 140 | 6 | 2025501566 | WASHER,HLOK.375CRS,PL,.094 THK |
| 150 | 1 | 2014700146 | SCREW,CAP,CS,HEX ,ZN.50NCX5.00 |
| 160 | 1 | 1627413044 | GASKET,VALVE,INLET |
| 170 | 1 | 5530617000 | NUT,JAM, .50 NC,SAE 2,ZINC |
| 180 | 1 | 1627408002 | SPRING,COMP, 1.9D,05.0L,18.7RT |
| 190 | 1 | 2014600064 | PLATE,COVER,VALVE,INLET |
| 200 | 6 | 2025501259 | SCREW,CAP,CS,HEX ,PL.38NCX1.50 |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

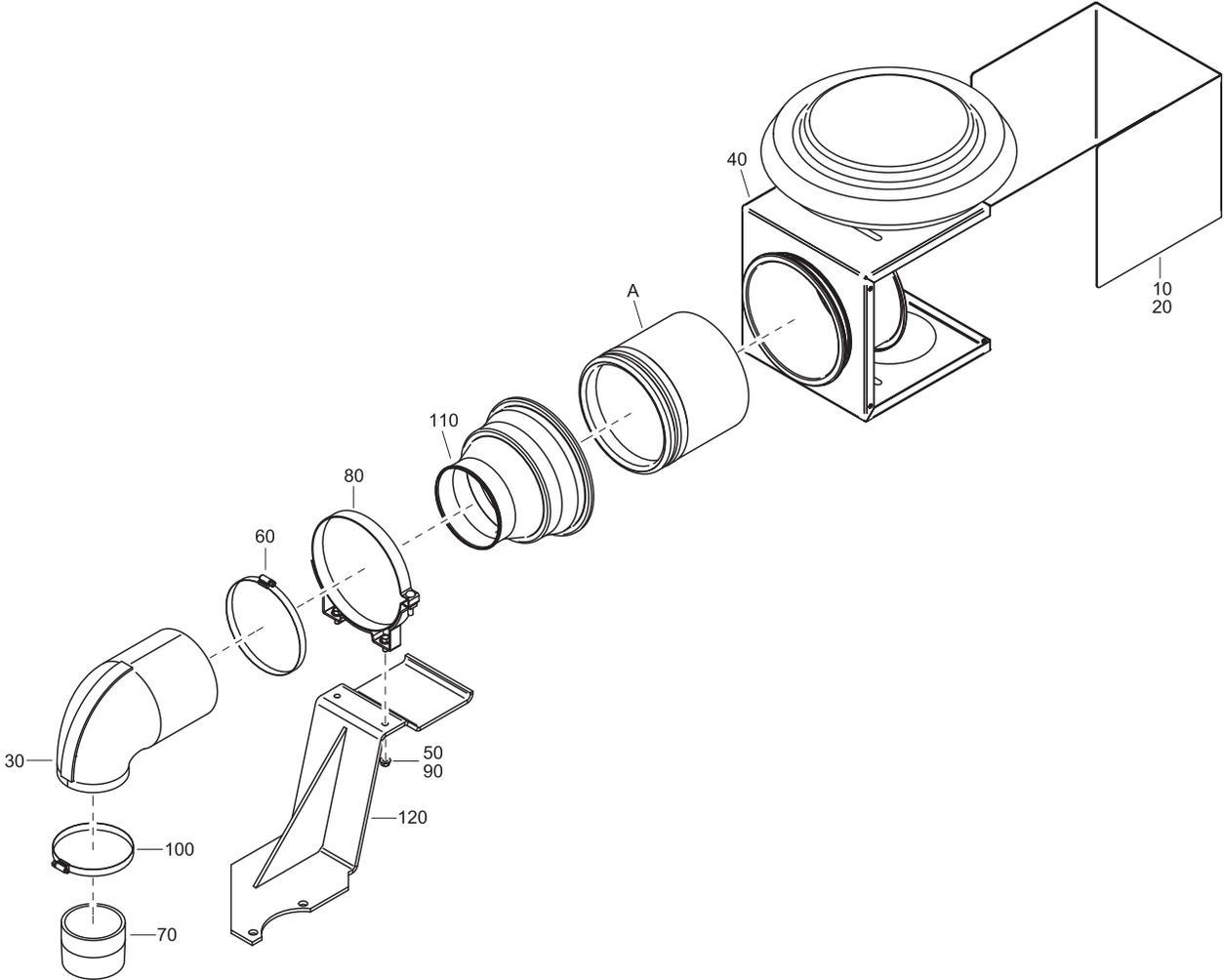


| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|---|
| 10 | 1 | 2013400357 | FILTER,AIR,8.0 POWERCORE |
| 20 | 1 | 2013200121 | CLAMP,HOSE,4.50,4.06 MIN/5.00 |
| 30 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 40 | 1 | 2014702768 | NIPPLE,SCH40,TOE,ZNC,350X03.00 |
| 50 | 1 | 2013200280 | HOSE-FT,INTAKE,AIR,FLEX,6ID |
| 60 | 1 | 2013305496 | PANEL,FILTER,INLET |
| 70 | 1 | 2014701396 | FIT R,ELBOW,550X400X90 |
| 80 | 2 | 2025500920 | NUT,FLG,.31 NC,SAE 2,ZINC |
| 90 | 1 | 2013305495 | AY,PANEL,FILTER,SIDE |
| 100 | 1 | 2013301191 | BAND,MOUNTING,FILTER, 7.75 ID |
| 110 | 3 | 1627432000 | CLAMP,HOSE,6.00,5.56 MIN/6.50 |
| 120 | 1 | 2013305504 | SUPPORT,FILTER,AIR |
| 130 | 2 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 GRADE 5 (@ 23 FT-LBS) |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|---|------------|------------------------------|
| A | 1 | 2013400360 | ELEM,FLTR,AIR, 8.0,POWERCORE |
|---|---|------------|------------------------------|

* ITEM 110: QUANTITY OF ONE (1) ON UNITS LESS CABINET.
 ** ITEM 50: NOT USED ON UNITS LESS CABINET.
 @ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).



Air Filter - 2011015003

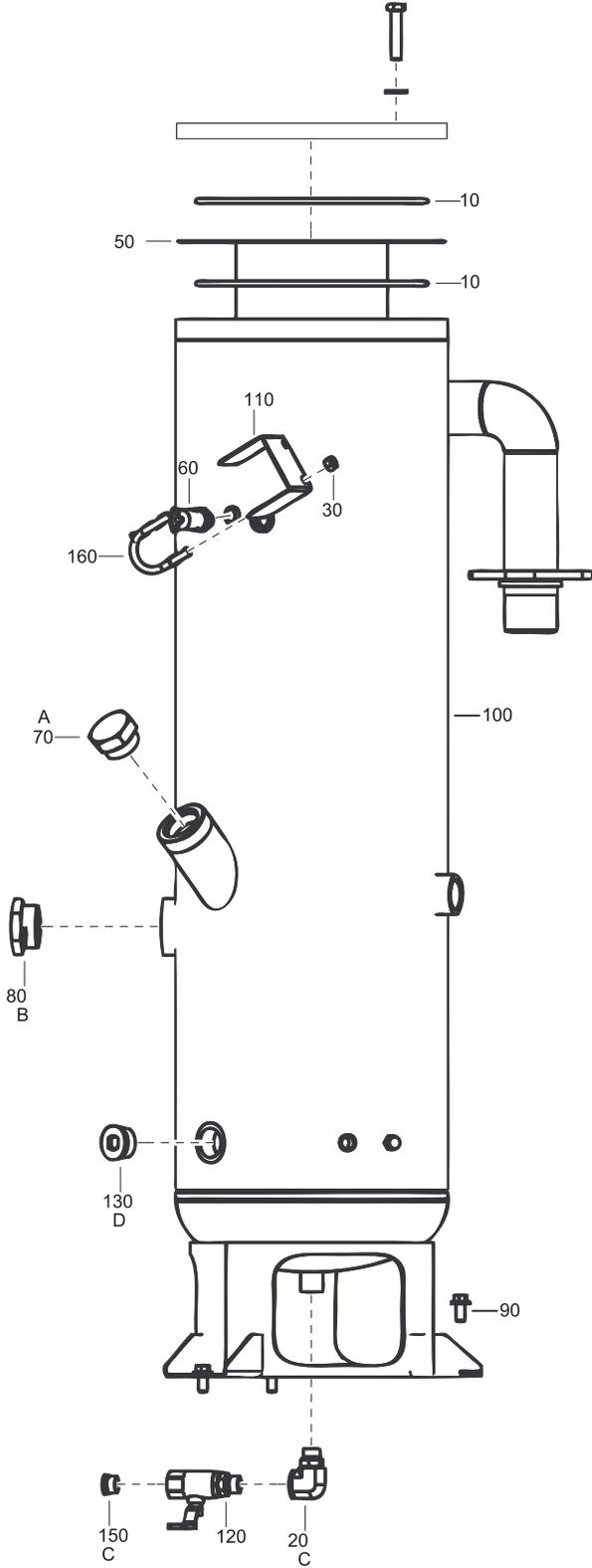
| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|---|
| 10 | 1 | 2013305496 | PANEL,FILTER,INLET |
| 20 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 30 | 1 | 2014701396 | FIT R,ELBOW,550X400X90 |
| 40 | 1 | 2013305495 | AY,PANEL,FILTER,SIDE |
| 50 | 2 | 2025500920 | NUT,FLG, .31 NC,SAE 2,ZINC |
| 60 | 1 | 1627432000 | CLAMP,HOSE,6.00,5.56 MIN/6.50 |
| 70 | 1 | 2014702768 | NIPPLE,SCH40,TOE,ZNC,350X03.00 |
| 80 | 1 | 2013301191 | BAND,MOUNTING,FILTER, 7.75 ID |
| 90 | 2 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 GRADE 5 (@ 23 FT-LBS) |
| 100 | 1 | 2013200121 | CLAMP,HOSE,4.50,4.06 MIN/5.00 |
| 110 | 1 | 2013400357 | FILTER,AIR,8.0 POWERCORE |
| 120 | 1 | 2013305504 | SUPPORT,FILTER,AIR |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|---|------------|------------------------------|
| A | 1 | 2013400360 | ELEM,FLTR,AIR, 8.0,POWERCORE |
|---|---|------------|------------------------------|

* ITEM 60: QUANTITY OF ONE (1) ON UNITS LESS CABINET.

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).



| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 2 | 2010356458 | O-RING,VITON--,0.19W, 9.75ID |
| 20 | 1 | 2014701159 | FIT T,ELBOW,ORNG,075MSX075FSX9 |
| 30 | 2 | 2014700368 | NUT,LOK, .31 NC,SAE 2,ZINC |
| 40 | 1 | 2014700654 | O-RING,VITON--,0.09W, 0.56ID |
| 50 | 1 | 2013402056 | SEPARATOR |
| 60 | 1 | 2013900362 | VALVE,RELIEF,050P,200PSI,ANC |
| 70 | 1 | 2014705379 | PLUG,O-RING,1-5/8-12,HX HEAD |
| 80 | 1 | 1627456103 | SIGHTGLASS, 1-7/8-12 UNC |
| 90 | 3 | 2014700052 | SCREW,LOK,CS,HEX,ZN,M10 X 30 |
| 100 | 1 | 2013100764 | RESERVOIR,A/F,QSI-245I/300I |
| 110 | 1 | 2013100502 | COVER,PRV,QSI-245I-500I |
| 120 | 1 | 2014706480 | VALVE,QTRTURN,BALL,050S, 600WP |
| 130 | 1 | 2014705355 | PLUG,O-RING,1-5/16-12,HX SOCK |
| 140 | 1 | 2010356525 | PLUG,O-RING,3/4-16,HX SOCK |
| 150 | 1 | 2014701342 | FIT P,PLUG-,BRASS 025 HX HEAD |
| 160 | 1 | 2014704212 | U-BOLT,.31NC,ZN,1.50IDX 2.19IL |

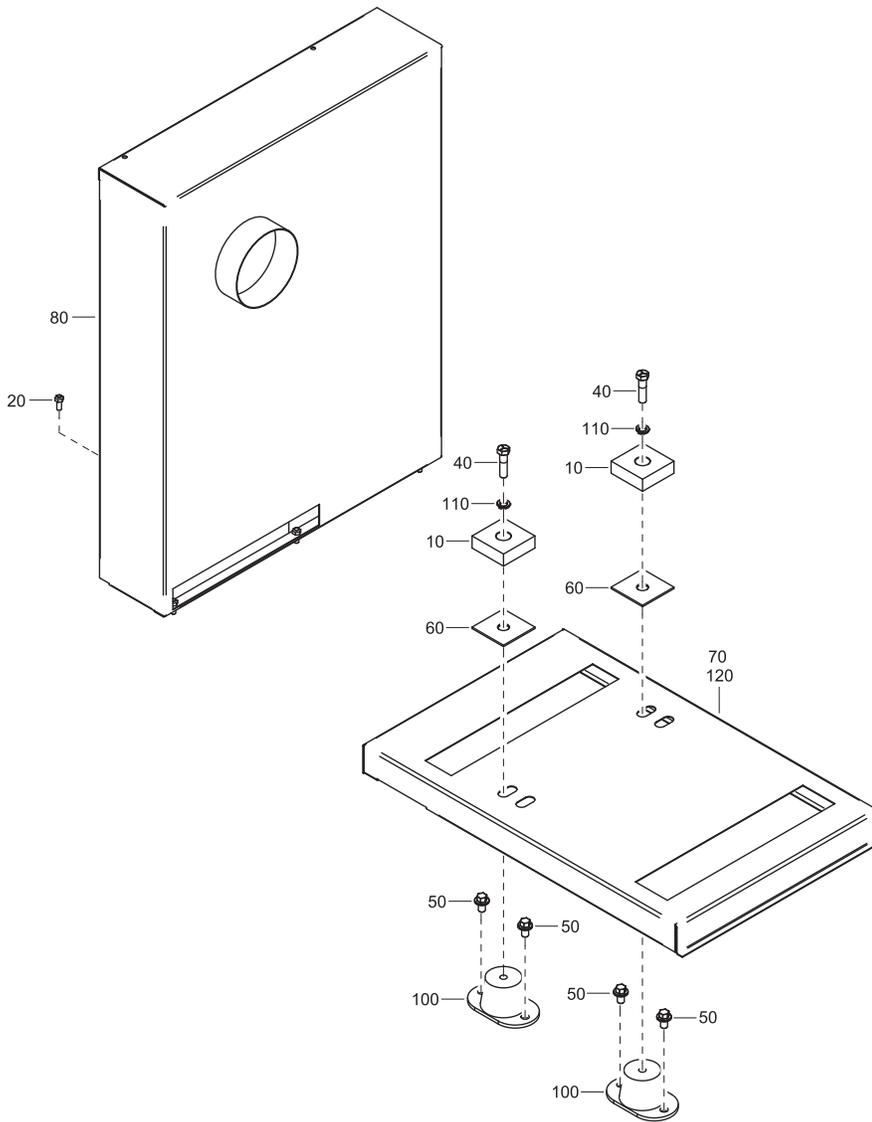
COMPONENT MAINTENANCE PARTS

| | | | |
|---|---|------------|-------------------------------|
| A | 1 | 5533039100 | O-RING,VITON--,0.118W,1.475ID |
| B | 1 | 5534969600 | O-RING,VITON--,0.118W,1.720ID |
| C | 4 | 2010356498 | O-RING,VITON--,0.087W,0.644ID |
| D | 1 | 5533039000 | O-RING,VITON--,0.116W,1.171ID |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

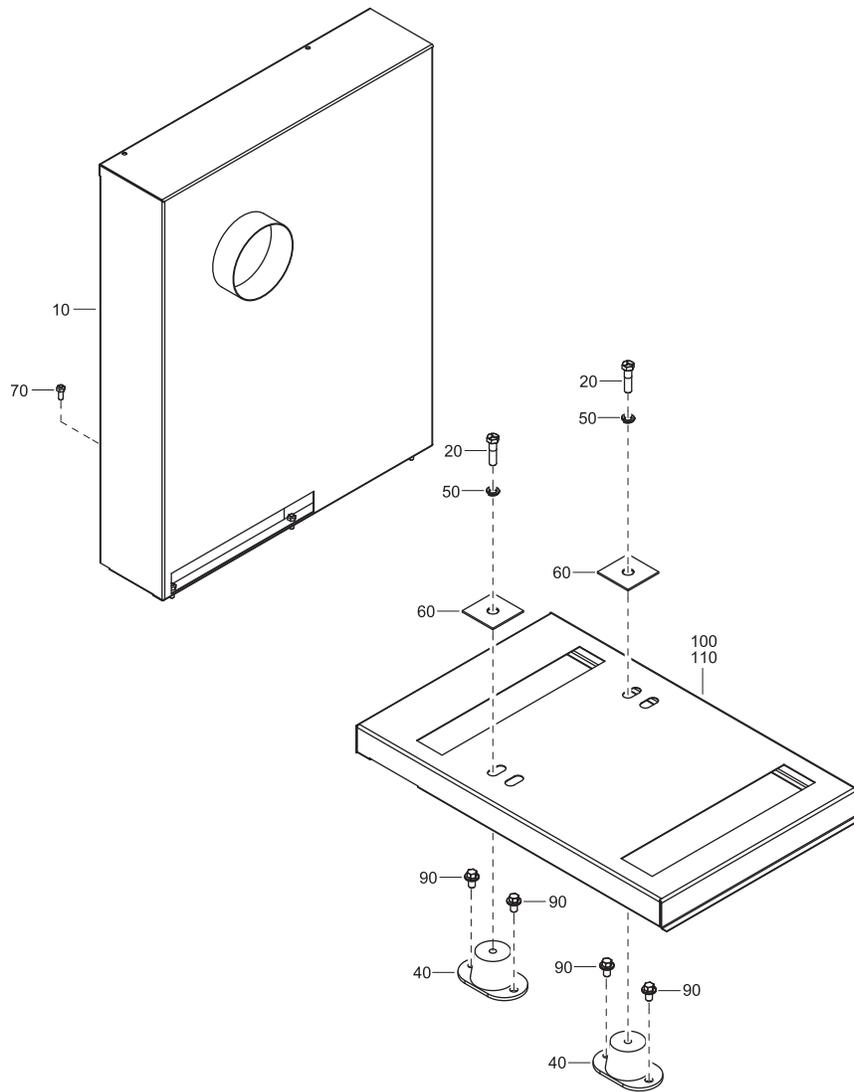
** ITEM 19 (FLUID DRAIN ASSEMBLY) IS NOT SHOWN AND SHIPPED LOOSE.

Motor Mounting - 2011005043



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 2 | 1627456018 | BLOCK,RISER,3.00X3.00X1.00,.75 |
| 20 | 5 | 2010356490 | SCREW,CAP,CS,HEX ,ZN,M08 X 16 |
| 30 | 8 | 2025501573 | WASHER,HLOK.625CRS,ZN,.156 THK |
| 40 | 2 | 2014700090 | SCREW,CAP,CS,HEX, ZN,M12 X 65 |
| 50 | 4 | 2010356608 | SCREW,LOK,CS,HEX,ZN,M12 X 25 |
| 60 | 2 | 2010336172 | WASHER,FLAT .75 CRS,PL.125 THK |
| 70 | 6 | 2013304351 | SEAL-FT,RUBBER,ADH,.50X.25THK |
| 80 | 1 | 2013305507 | PANEL,AIR DAM,ODP |
| 90 | 8 | 2010356550 | SCREW,CAP,CS,HEX ,ZN.62NCX1.75 |
| 100 | 2 | 2013305460 | ISOLATOR,VIBRAT,1100LB,WHT DT |
| 110 | 2 | 2025501571 | WASHER,HLOC.500CRS,ZN,.125 THK |
| 120 | 1 | 2013305583 | PANEL,MTR,PAN,50HP,ODP,326TSC |

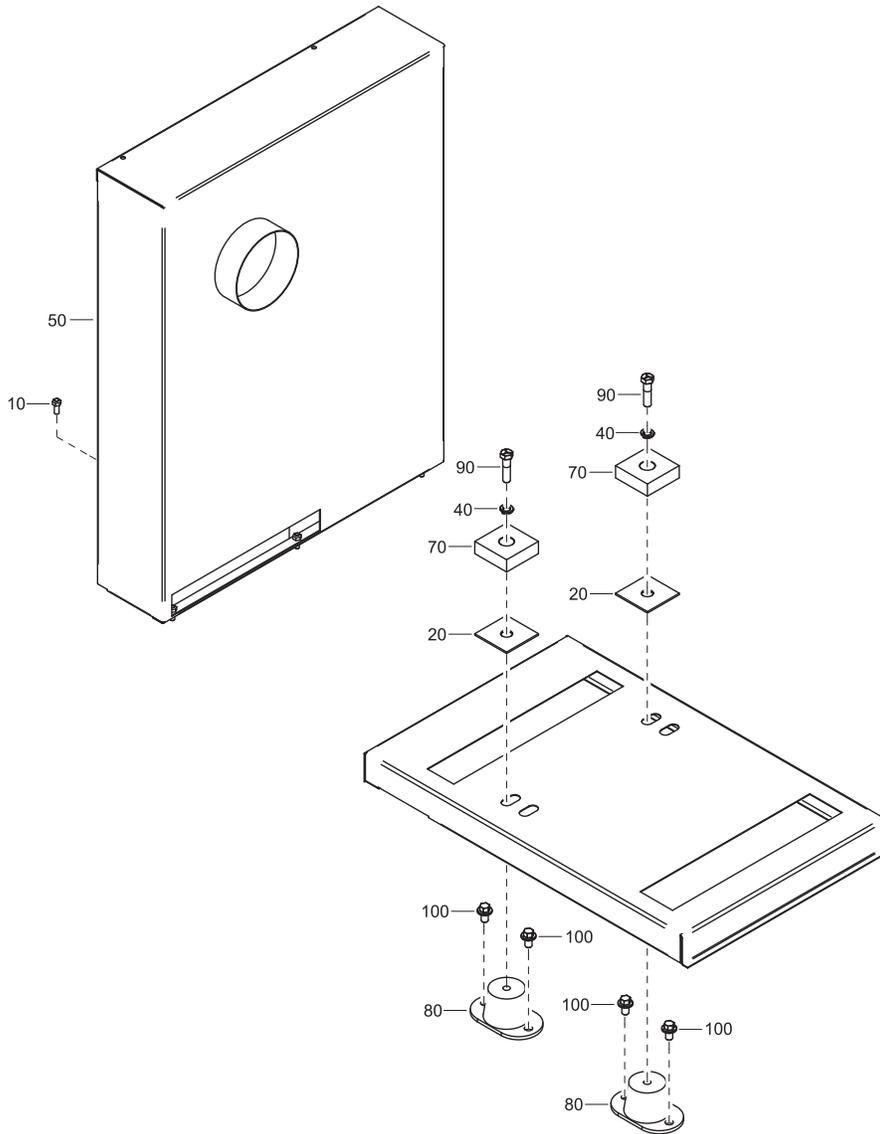
* SEE DRAWING NOTES FOR USAGE SPECIFICATIONS.



| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013305507 | PANEL,AIR DAM,ODP |
| 20 | 2 | 2010356595 | SCREW,CAP,CS,HEX ,ZN,M12 X40 |
| 30 | 8 | 2025501573 | WASHER,HLOK.625CRS,ZN,.156 |
| 40 | 2 | 2013305460 | ISOLATOR,VIBRAT,1100LB,WHT |
| 50 | 2 | 2025501571 | WASHER,HLOC.500CRS,ZN,.125 |
| 60 | 1 | 2010336172 | WASHER,FLAT .75 CRS,PL.125 |
| 70 | 5 | 2010356490 | SCREW,CAP,CS,HEX ,ZN,M08 X16 |
| 80 | 8 | 2010356550 | SCREW,CAP,CS,HEX ,ZN.62NCX1.75 |
| 90 | 4 | 2010356608 | SCREW,LOK,CS,HEX,ZN,M12 X 25 |
| 100 | 6 | 2013304351 | SEAL-FT,RUBBER,ADH,.50X.25THK |
| 110 | 1 | 2013305582 | PANEL,MTR,PAN,60HP,ODP,364TSC |

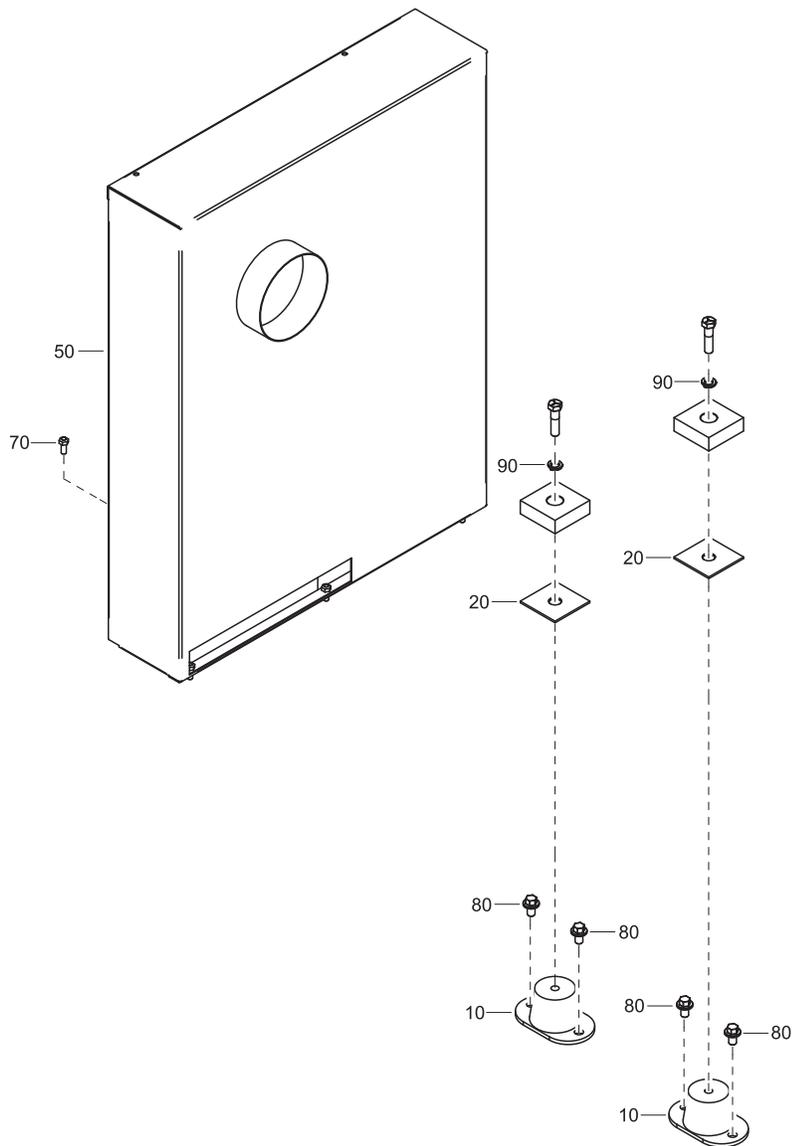
* SEE DRAWING NOTES FOR USAGE SPECIFICATIONS.

Motor Mounting - 2011005045



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 5 | 2010356490 | SCREW,CAP,CS,HEX ,ZN,M08 X 16 |
| 20 | 2 | 2010336172 | WASHER,FLAT .75 CRS,PL.125 THK |
| 30 | 8 | 2025501573 | WASHER,HLOK.625CRS,ZN,.156 THK |
| 40 | 2 | 2025501571 | WASHER,HLOC.500CRS,ZN,.125 THK |
| 50 | 1 | 2013305506 | PANEL,AIR DAM,TEFC |
| 60 | 8 | 2010356550 | SCREW,CAP,CS,HEX ,ZN.62NCX1.75 |
| 70 | 2 | 1627456018 | BLOCK,RISER,3.00X3.00X1.00,.75 |
| 80 | 2 | 2013305460 | ISOLATOR,VIBRAT,1100LB,WHT DT |
| 90 | 2 | 2014700090 | SCREW,CAP,CS,HEX ,ZN,M12 X 65 |
| 100 | 4 | 2010356608 | SCREW,LOK,CS,HEX,ZN,M12 X 25 |

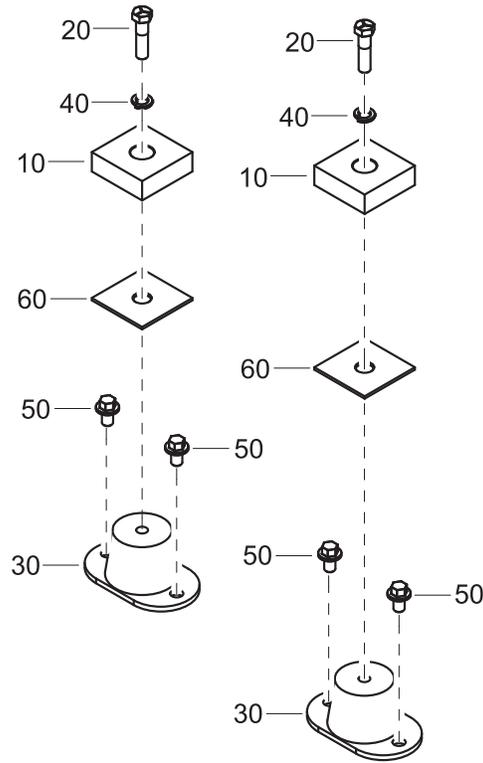
* SEE DRAWING NOTES FOR USAGE SPECIFICATIONS.



| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 2 | 2013305460 | ISOLATOR,VIBRAT,1100LB,WHT DT |
| 20 | 1 | 2010336172 | WASHER,FLAT .75 CRS,PL.125 THK |
| 30 | 8 | 2010356550 | SCREW,CAP,CS,HEX ,ZN.62NCX1.75 |
| 40 | 2 | 2010356595 | SCREW,CAP,CS,HEX ,ZN,M12 X 40 |
| 50 | 1 | 2013305506 | PANEL,AIR DAM,TEFC |
| 60 | 8 | 2025501573 | WASHER,HLOK.625CRS,ZN,.156 THK |
| 70 | 5 | 2010356490 | SCREW,CAP,CS,HEX ,ZN,M08 X 16 |
| 80 | 4 | 2010356608 | SCREW,LOK,CS,HEX,ZN,M12 X 25 |
| 90 | 2 | 2025501571 | WASHER,HLOC.500CRS,ZN,.125 THK |

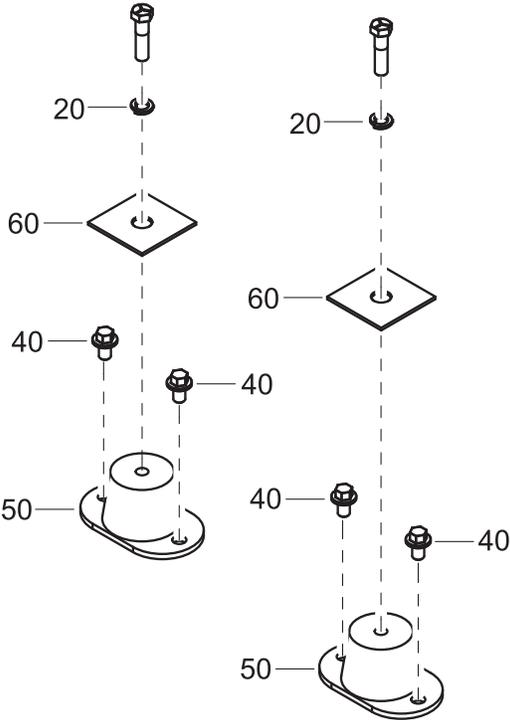
* SEE DRAWING NOTES FOR USAGE SPECIFICATIONS.

Motor Mounting - 2011005047



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 2 | 1627456018 | BLOCK,RISER,3.00X3.00X1.00,.75 |
| 20 | 2 | 2014700090 | SCREW,CAP,CS,HEX,ZN,M12 X 65 |
| 30 | 2 | 2013305460 | ISOLATOR,VIBRAT,1100LB,WHT DT |
| 40 | 2 | 2025501571 | WASHER,HLOC.500CRS,ZN,.125 THK |
| 50 | 4 | 2010356608 | SCREW,LOK,CS,HEX,ZN,M12 X 25 |
| 60 | 2 | 2010336172 | WASHER,FLAT .75 CRS,PL.125 THK |
| 70 | 8 | 2025501573 | WASHER,HLOK.625CRS,ZN,.156 THK |
| 80 | 8 | 2010356550 | SCREW,CAP,CS,HEX,ZN.62NCX1.75 |

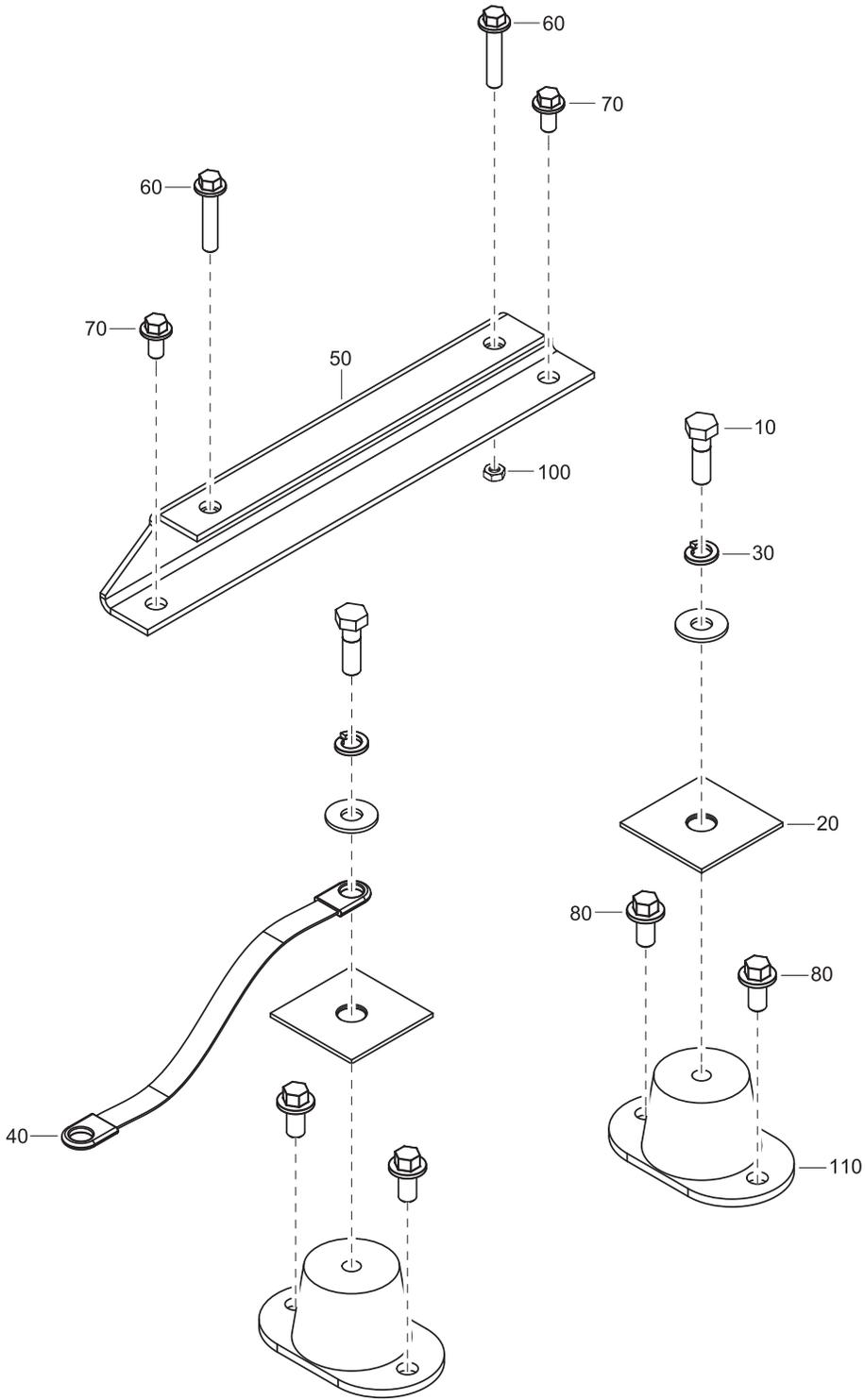
* SEE DRAWING NOTES FOR USAGE SPECIFICATIONS.



| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 8 | 2010356550 | SCREW,CAP,CS,HEX ,ZN.62NCX1.75 |
| 20 | 2 | 2025501571 | WASHER,HLOC.500CRS,ZN,.125 THK |
| 30 | 8 | 2025501573 | WASHER,HLOK.625CRS,ZN,.156 THK |
| 40 | 4 | 2010356608 | SCREW,LOK,CS,HEX,ZN,M12 X 25 |
| 50 | 2 | 2013305460 | ISOLATOR,VIBRAT,1100LB,WHT DT |
| 60 | 1 | 2010336172 | WASHER,FLAT .75 CRS,PL.125 THK |
| 70 | 2 | 2010356595 | SCREW,CAP,CS,HEX ,ZN,M12 X 40 |

* SEE DRAWING NOTES FOR USAGE SPECIFICATIONS.

Airend Mounting - 2011005082

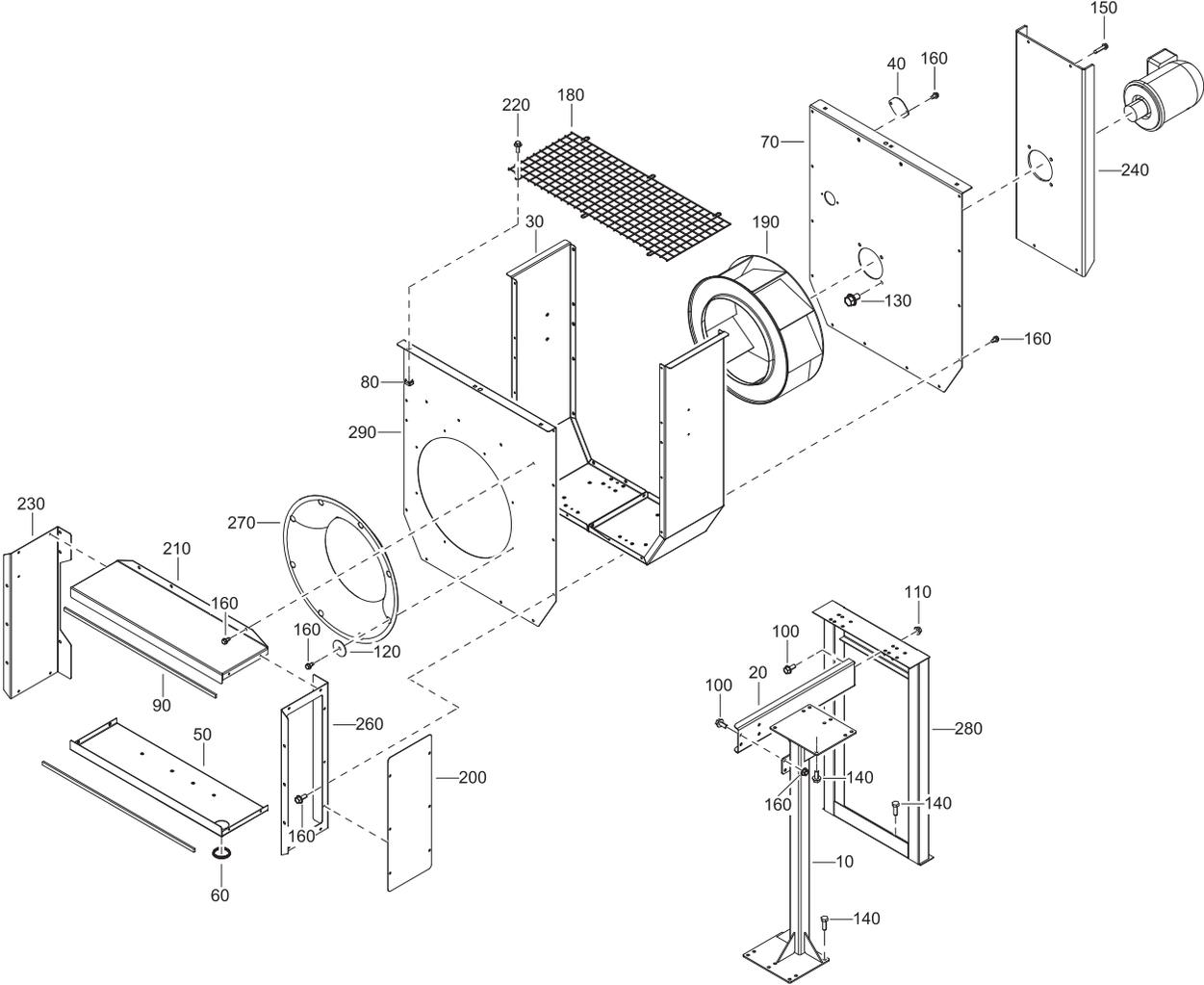


Airend Mounting - 2011005082

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 2 | 2010356595 | SCREW,CAP,CS,HEX ,ZN,M12 X 40 |
| 20 | 2 | 2010336172 | WASHER,FLAT .75 CRS,PL.125 THK |
| 30 | 2 | 2025501571 | WASHER,HLOC.500CRS,ZN,.125 THK |
| 40 | 1 | 2014001383 | STRAP,GROUND,FRAME,13.00LG |
| 50 | 1 | 2013305638 | SUPPORT,AIREND,QSI-245I/300I |
| 60 | 2 | 2014700002 | SCREW,CAP,CS,HEX,ZN,RED,M10X50 |
| 70 | 2 | 2014700001 | SCREW,CAP,CS,HEX,ZN,RED,M10X25 |
| 80 | 4 | 2010356608 | SCREW,LOK,CS,HEX,ZN,M12 X 25 |
| 90 | 2 | 2025501530 | WASHER,FLAT.500HRS,ZN,.109 THK |
| 100 | 2 | 2014700356 | NUT,HEX, 10 N_,_____,ZINC |
| 110 | 2 | 2013305460 | ISOLATOR,VIBRAT,1100LB,WHT DT |

* SEE DRAWING NOTES FOR USAGE SPECIFICATIONS.

Cooler (Air-cooled) - 2011015747

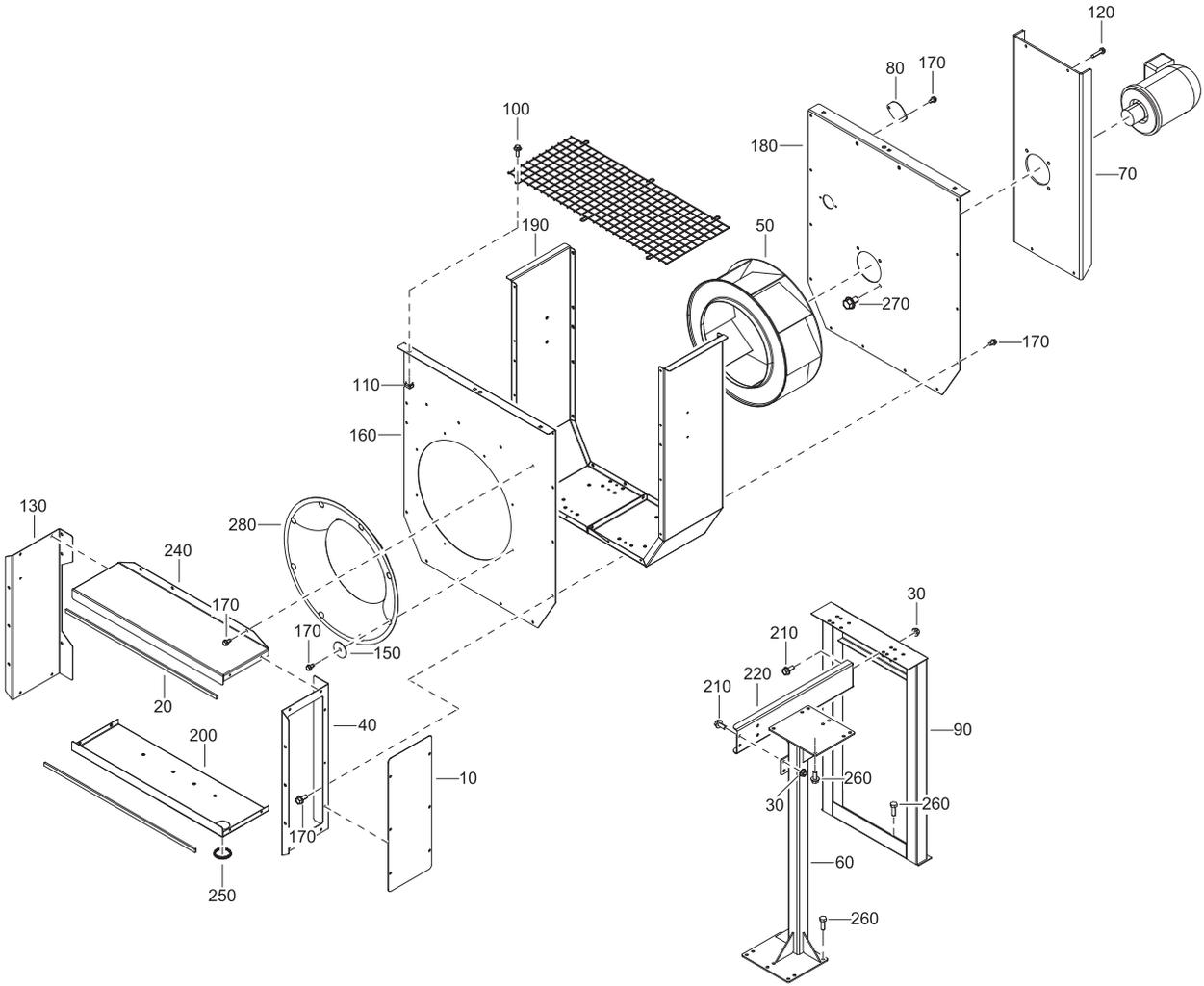


Cooler (Air-cooled) - 2011015747

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013305544 | AY,SUPPORT,COOLER (0.1875 CRS |
| 20 | 1 | 2013305546 | PANEL,BRACE,COOLER(0.1875 CRS |
| 30 | 2 | 2013305606 | PANEL,SIDE,SHROUD,FAN |
| 40 | 1 | 2013305763 | PLATE,COVER,FAN HOUSING |
| 50 | 1 | 2013305816 | PANEL,BOTTOM,SHROUD,COOLER |
| 60 | 1 | 2025500080 | FIT C,BLANK,NEMA-1,150 |
| 70 | 1 | 2013305811 | PANEL,MOTOR,SHROUD,FAN |
| 80 | 6 | 2025500997 | NUT,SPD,.25 NC,STEEL,ZINC,GRIP |
| 90 | 4 | 2013304351 | SEAL-FT,RUBBER,ADH,.50X.25THK |
| 100 | 16 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 110 | 16 | 2025500920 | NUT,FLG,.31 NC,SAE 2,ZINC |
| 120 | 8 | 2014702047 | WASHER,FEND .250 HRS,ZN,062THK |
| 130 | 4 | 2010356477 | SCREW,CAP,WHIZLOCK,1/2-13X1.00 |
| 140 | 18 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 150 | 4 | 2010356478 | SCREW,TAP,CS,WASH,ZN.25NCX1.00 |
| 160 | 50 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 170 | 1 | 2013500724 | COOLER,FLD,QSI-245I/300I |
| 180 | 1 | 2013600278 | GUARD,FAN,QSI-245I/300I |
| 190 | 1 | 2013600287 | WHEEL,FAN,18",100%CW,BC,50/60I |
| 200 | 1 | 2013305588 | PANEL,ACCESS,SHROUD,COOLER |
| 210 | 1 | 2013305815 | PANEL,TOP,SHROUD,COOLER,L/CAB |
| 220 | 6 | 2025501202 | SCREW,CAP,CS,WASH,ZN.25NCX0.75 |
| 230 | 1 | 2013300145 | PANEL,END,SHROUD,COOLER |
| 240 | 1 | 2013305812 | PANEL,MOTOR,STIFFENER,FAN |
| 250 | 1 | 2013500723 | COOLER,AFT,QSI-245I/300I |
| 260 | 1 | 2013305818 | PANEL,SIDE,SHROUD,COOLER |
| 270 | 1 | 2013600268 | CONE,FAN,18",REDU,245I/300I |
| 280 | 1 | 2013305510 | AY,SUPPORT,COOLER (0.1875 CRS) |
| 290 | 1 | 2013305813 | PANEL,VENTURI,SHROUD,FAN |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Cooler (Air-cooled) - 2011015748

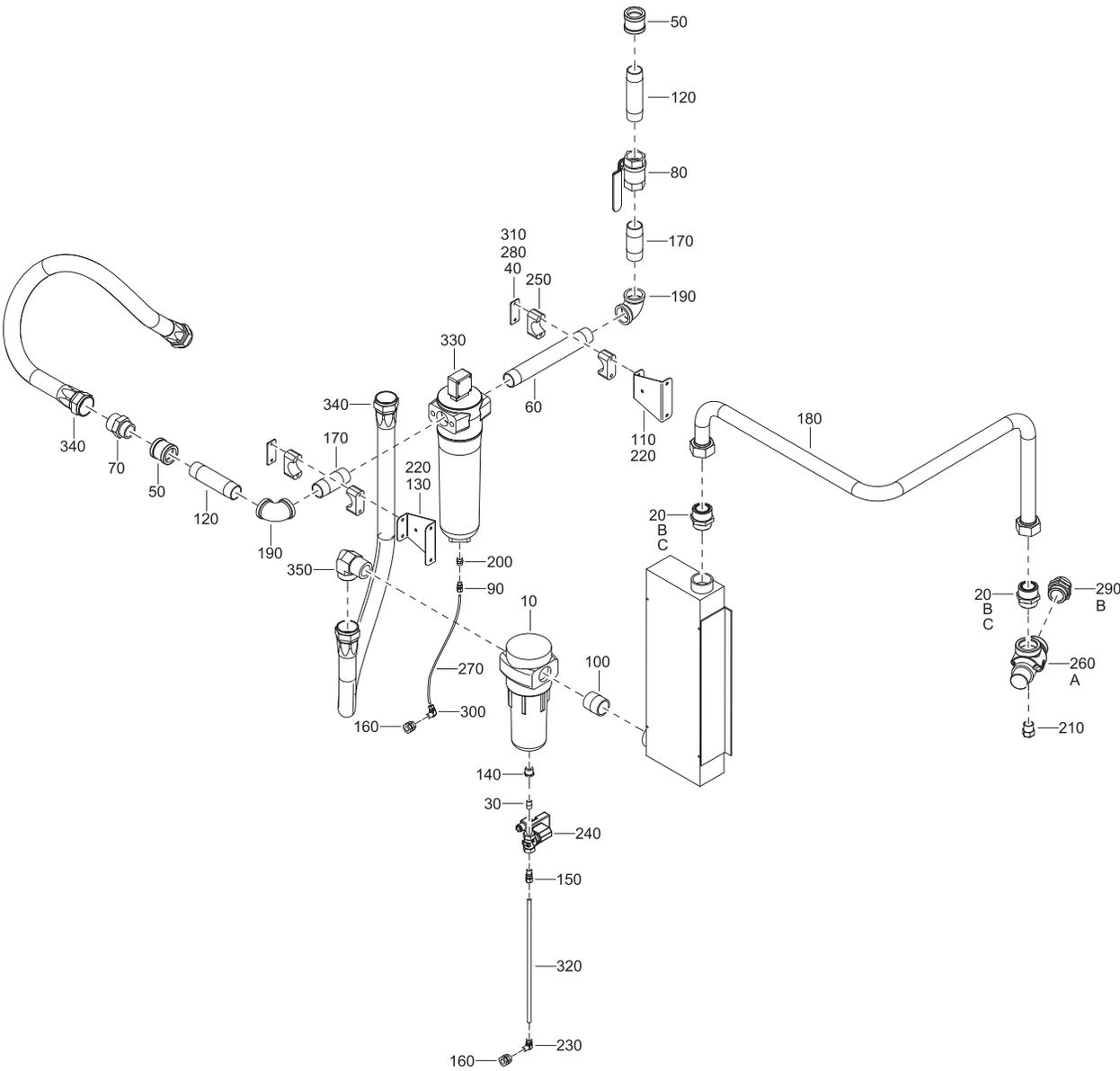


Cooler (Air-cooled) - 2011015748

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013305588 | PANEL,ACCESS,SHROUD,COOLER |
| 20 | 4 | 2013304351 | SEAL-FT,RUBBER,ADH,.50X.25THK |
| 30 | 16 | 2025500920 | NUT,FLG,.31 NC,SAE 2,ZINC |
| 40 | 1 | 2013305818 | PANEL,SIDE,SHROUD,COOLER |
| 50 | 1 | 2013600287 | WHEEL,FAN,18",100%CW,BC,50/60I |
| 60 | 1 | 2013305544 | AY,SUPPORT,COOLER (0.1875 CRS) |
| 70 | 1 | 2013305812 | PANEL,MOTOR,STIFFENER,FAN |
| 80 | 1 | 2013305763 | PLATE,COVER,FAN HOUSING |
| 90 | 1 | 2013305510 | AY,SUPPORT,COOLER (0.1875 CRS) |
| 100 | 6 | 2025501202 | SCREW,CAP,CS,WASH,ZN.25NCX0.75 |
| 110 | 6 | 2025500997 | NUT,SPD,.25 NC,STEEL,ZINC,GRIP |
| 120 | 4 | 2010356478 | SCREW,TAP,CS,WASH,ZN.25NCX1.00 |
| 130 | 1 | 2013300145 | PANEL,END,SHROUD,COOLER |
| 140 | 1 | 2013500723 | COOLER,AFT,QSI-245I/300I |
| 150 | 8 | 2014702047 | WASHER,FEND .250 HRS,ZN,062THK |
| 160 | 1 | 2013305813 | PANEL,VENTURI,SHROUD,FAN |
| 170 | 50 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 180 | 1 | 2013305811 | PANEL,MOTOR,SHROUD,FAN |
| 190 | 2 | 2013305606 | PANEL,SIDE,SHROUD,FAN |
| 200 | 1 | 2013305816 | PANEL,BOTTOM,SHROUD,COOLER |
| 210 | 16 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 220 | 1 | 2013305546 | PANEL,BRACE,COOLER(0.1875 CRS) |
| 230 | 1 | 2013500724 | COOLER,FLD,QSI-245I/300I |
| 240 | 1 | 2013305817 | PANEL,TOP,SHROUD,COOLER,W/CAB |
| 250 | 1 | 2025500080 | FIT C,BLANK,NEMA-1,150 |
| 260 | 18 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 270 | 4 | 2010356477 | SCREW,CAP,WHIZLOCK,1/2-13X1.00 |
| 280 | 1 | 2013600268 | CONE,FAN,18",REDU,245I/300I |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Air Piping (Air-cooled, with dryer) - 2011014795



Air Piping (Air-cooled, with dryer) - 2011014795

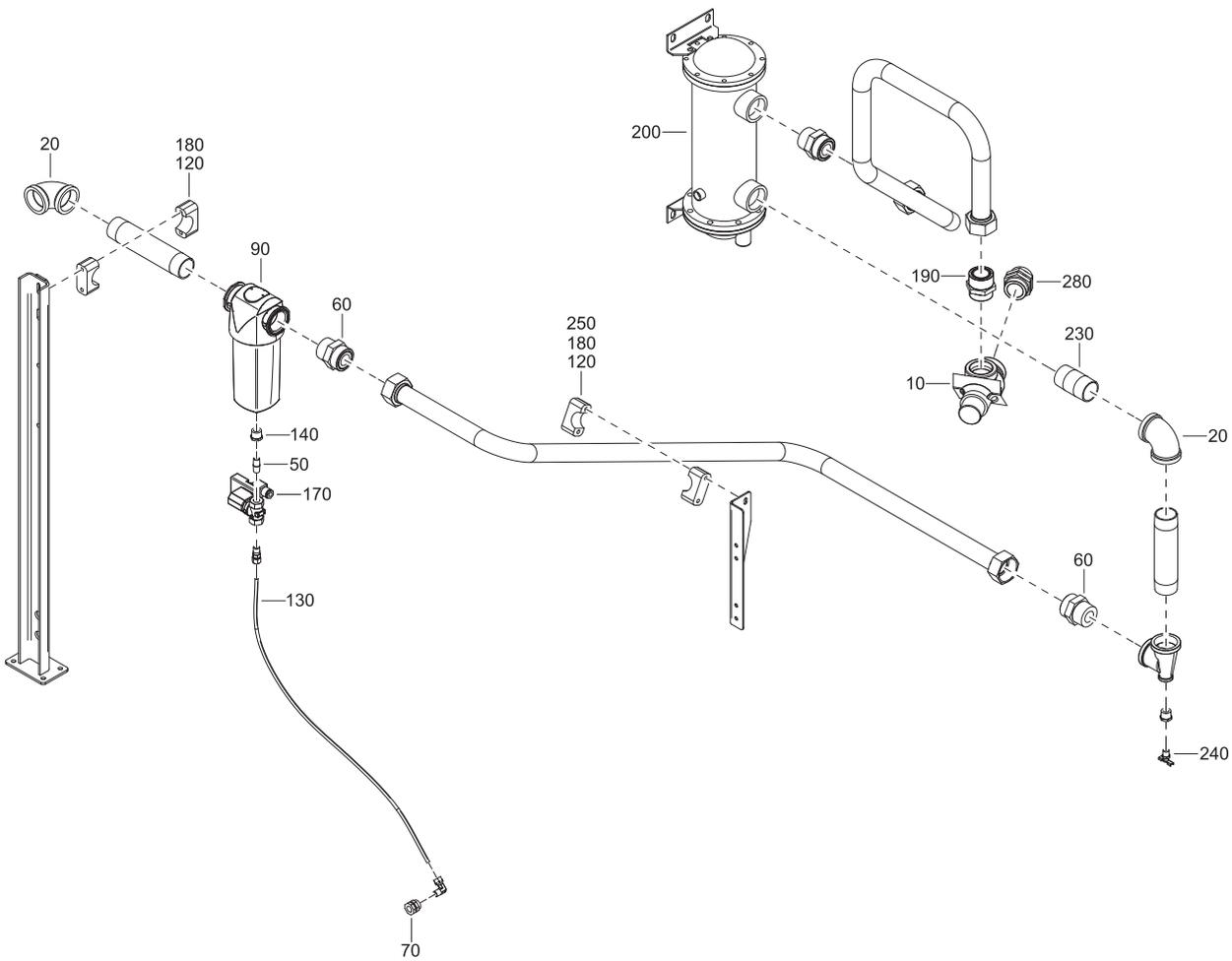
| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013800430 | TRAP,MOISTURE,1-1/2"NPT,EVOLUT |
| 20 | 2 | 2014701863 | FIT T,CONEC,PRFL,150ST,O-RING |
| 30 | 1 | 2014702234 | NIPPLE,BRASS,TBE, XS,025X01.25 |
| 40 | 4 | 2014700381 | NUT,HEXFLG,.25 NC,SAE 2,ZINC |
| 50 | 2 | 2025500367 | FIT P,CPLG,150GLV 125X125 |
| 60 | 1 | 2014702295 | NIPPLE,SCH40,TBE,GLV 125X11.50 |
| 70 | 1 | 2014701445 | FIT T,CONEC,37FL,150STX125MP |
| 80 | 1 | 2023912906 | VALVE,QTRTURN,BALL,125P, 600WP |
| 90 | 1 | 2014701752 | FIT P,CPLG,BRASS, 012X012 |
| 100 | 1 | 2014702207 | NIPPLE,SCH80,TBE,SST,150X02.00 |
| 110 | 1 | 2013305616 | BRACKET,PIPE,AIR |
| 120 | 2 | 2014702286 | NIPPLE,SCH40,TBE,GLV 125X06.00 |
| 130 | 1 | 2013305615 | BRACKET,PIPE,AIR |
| 140 | 1 | 2014701271 | FIT P,BUSHG,BRASS, 050X025 HEX |
| 150 | 1 | 2014701913 | FIT T,CONEC,FLLS,038NTX025MP |
| 160 | 2 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 170 | 2 | 2014702281 | NIPPLE,SCH40,TBE,GLV 125X04.00 |
| 180 | 1 | 2013201901 | AY,TUBE,3B,PRFLG,1.50 |
| 190 | 2 | 2014701259 | FIT P,ELBOW,150GLV 125X125X90 |
| 200 | 1 | 2014701904 | FIT T,CONEC,FLLS,025NTX012MP |
| 210 | 1 | 2014701004 | FIT P,BUSHG,BRASS,075X050HEX |
| 220 | 4 | 2025501119 | SCREW,TAP,CS,WASH,ZN.25NCX0.75 |
| 230 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 240 | 1 | 2013900027 | VALVE,DRAIN,025P,24VAC,50/60 |
| 250 | 4 | 2013200834 | CLAMP,TUBE,1.66ID |
| 260 | 1 | 2013900223 | VALVE,CHK,MIN PRS,1.88S,60,160 |
| 270 | 5 | 2014704993 | TUBE-FT,1/4 NYLON,CLEAR |
| 280 | 4 | 2014700108 | SCREW,CAP,CS,HEX ,ZN.25NCX3.00 |
| 290 | 1 | 2014701152 | FIT P,UNION,ORNG,PLN,M188X188 |
| 300 | 1 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 310 | 2 | 2013200844 | PLATE,COVER,CLAMP,TUBE,1.38ID |
| 320 | 5 | 2014704994 | TUBE-FT,3/8 NYLON,CLEAR |
| 330 | 1 | 1624505821 | AY,FLTR,COALSEC,STD,01.25NPT |
| 340 | 2 | 1627431011 | AY,HOSEF1.50 45.00 500WP |
| 350 | 1 | 2014701451 | FIT T,ELBOW,37FL,150STX150MPX9 |
| 360 | 1 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 1627456072 | KT,REPAIR,FOR 128691-001 |
| B | 4 | 5534969600 | O-RING,VITON--,0.118W,1.720ID |
| C | 4 | 2010356512 | O-RING,VITON--,0.07W,1.49ID,PF |
| D | 1 | 2010345125 | ELEMENT,FLTR,COALS,STD,00300 |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Air Piping (water-cooled, less dryer) - 2011014802



Air Piping (water-cooled, less dryer) - 2011014802

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013900223 | VALVE,CHK,MIN PRS,1.88S,60,160 |
| 20 | 2 | 2014701007 | FIT P,ELBOW,150GLV 150X150X90 |
| 30 | 2 | 2013200844 | PLATE,COVER,CLAMP,TUBE,1.38ID |
| 40 | 1 | 2014701004 | FIT P,BUSHG,BRASS, 075X050 HEX |
| 50 | 1 | 2014702234 | NIPPLE,BRASS,TBE, XS,025X01.25 |
| 60 | 3 | 2014701847 | FIT T,CONEC,PRFL,150ST,150NPTF |
| 70 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 80 | 1 | 2013305311 | SUPPORT,PIPING,QSI-I/QGV,WC |
| 90 | 1 | 2013800430 | TRAP,MOISTURE,1-1/2"NPT,EVOLUT |
| 100 | 4 | 2014700047 | SCREW,LOK,CS,HEX,ZN,M08 X 20 |
| 110 | 1 | 2013201261 | AY,TUBE,2B,SELOC,1.50,23X37X11 |
| 120 | 4 | 2014700108 | SCREW,CAP,CS,HEX ,ZN.25NCX3.00 |
| 130 | 1 | 2013201902 | AY,TUBE,3B,PRFLG,1.50 |
| 140 | 1 | 2014701271 | FIT P,BUSHG,BRASS, 050X025 HEX |
| 150 | 1 | 2013305309 | AY,SUPPORT,PIPING,QSI-I/QGV |
| 160 | 1 | 2014702327 | NIPPLE,SCH40,TBE,GLV,150X07.50 |
| 170 | 1 | 2013900027 | VALVE,DRAIN,025P,24VAC,50/60 |
| 180 | 4 | 2014700381 | NUT,HEXFLG,.25 NC,SAE 2,ZINC |
| 190 | 1 | 2014701863 | FIT T,CONEC,PRFL,150ST,O-RING |
| 200 | 1 | 2013500503 | HEATXCHNGR,AFTCLR,WC |
| 210 | 1 | 2025500326 | FIT P,TEE--,150GLV 150X050X150 |
| 220 | 1 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 230 | 1 | 2014702684 | NIPPLE,SCH40,TBE,GLV,150X03.25 |
| 240 | 1 | 2023907900 | DRAIN,MANUAL,8-80GAL.1/4 NPT |
| 250 | 2 | 2013200832 | CLAMP,TUBE,1.38ID |
| 260 | 1 | 2014701945 | FIT T,CONEC,FLLS,025NTX025MP |
| 270 | 5 | 2014705166 | TUBE-FT,1/4 NYLON 11,BLACK |
| 280 | 1 | 2014701152 | FIT P,UNION,ORNG,PLN,M188X188 |
| 290 | 1 | 2014702328 | NIPPLE,SCH40,TBE,GLV,150X08.25 |
| 300 | 1 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |

COMPONENT MAINTENANCE PARTS

2013500503 AFTERCOOLER:

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 2013500507 | BONNET,IN/OUT END |
| B | 1 | 2013306164 | GASKET,IN/OUT END |
| C | 1 | 2013500508 | BONNET,RETURN END |
| D | 1 | 2013306154 | GASKET,IN/OUT END 2P,RETURN 4P |

124061-001 & 127267-2 AFTERCOOLER:

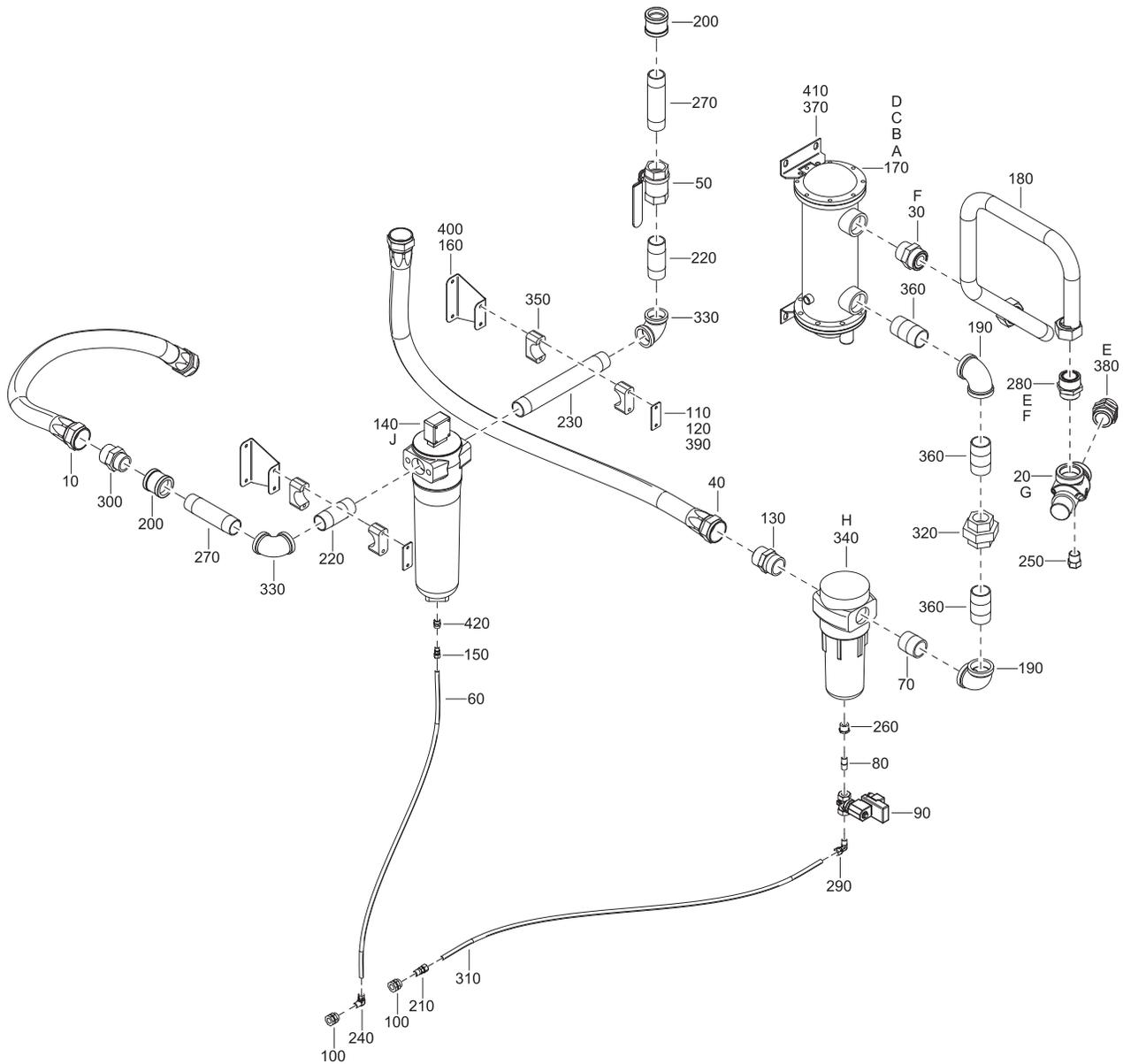
| | | | |
|---|---|------------|-------------------|
| A | 1 | 2013301417 | BONNET,IN/OUT END |
| B | 1 | 2013306162 | GASKET,IN/OUT END |
| C | 1 | 2013301418 | BONNET,RETURN END |
| D | 1 | 2013306163 | GASKET,RETURN |

OTHER COMPONENTS:

| | | | |
|---|---|------------|--------------------------------|
| E | 3 | 5534969600 | O-RING,VITON--,0.118W,1.720ID |
| F | 4 | 2010356512 | O-RING,VITON--,0.07W,1.49ID,PF |
| G | 1 | 2014700609 | O-RING,MOISTURE TRAP |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Air Piping (water-cooled, with drye) - 2011014803



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 1627431011 | AY,HOSEF1.50 45.00 500WP |
| 20 | 1 | 2013900223 | VALVE,CHK,MIN PRS,1.88S,60,160 |
| 30 | 1 | 2014701847 | FIT T,CONEC,PRFL,150ST,150NPTF |
| 40 | 1 | 1627431007 | AY,HOSEF1.50 63.75 500WP |
| 50 | 1 | 2023912906 | VALVE,QTRTURN,BALL,125P, 600WP |
| 60 | | 2014704993 | TUBE-FT,1/4 NYLON,CLEAR |
| 70 | 1 | 2014702315 | NIPPLE,SCH40,TBE,GLV,150X02.00 |
| 80 | 2 | 2014702234 | NIPPLE,BRASS,TBE, XS,025X01.25 |
| 90 | 1 | 2013900027 | VALVE,DRAIN,025P,24VAC,50/60 |
| 100 | 2 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 110 | 2 | 2013200844 | PLATE,COVER,CLAMP,TUBE,1.38ID |

Air Piping (water-cooled, with drye) - 2011014803

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 120 | 4 | 2014700108 | SCREW,CAP,CS,HEX ,ZN.25NCX3.00 |
| 130 | 1 | 2014701444 | FIT T,CONEC,37FL,150STX150MP |
| 140 | 1 | 1624505821 | AY,FLTR,COALSEC,STD,01.25NPT |
| 150 | 1 | 2014701904 | FIT T,CONEC,FLLS,025NTX012MP |
| 160 | 2 | 2013305617 | BRACKET,PIPE,AIR |
| 170 | 1 | 2013500503 | HEATXCHNGR,AFTCLR,WC |
| 180 | 1 | 2013201902 | AY,TUBE,3B,PRFLG,1.50 |
| 190 | 2 | 2014701007 | FIT P,ELBOW,150GLV 150X150X90 |
| 200 | 2 | 2025500367 | FIT P,CPLG,150GLV 125X125 |
| 210 | 1 | 2014701913 | FIT T,CONEC,FLLS,038NTX025MP |
| 220 | 2 | 2014702281 | NIPPLE,SCH40,TBE,GLV 125X04.00 |
| 230 | 1 | 2014702295 | NIPPLE,SCH40,TBE,GLV 125X11.50 |
| 240 | 1 | 2014701663 | FIT T,ELBOW,FLLS,025NTX025MPX9 |
| 250 | 1 | 2014701004 | FIT P,BUSHG,BRASS, 075X050 HEX |
| 260 | 1 | 2014701271 | FIT P,BUSHG,BRASS, 050X025 HEX |
| 270 | 2 | 2014702286 | NIPPLE,SCH40,TBE,GLV 125X06.00 |
| 280 | 1 | 2014701863 | FIT T,CONEC,PRFL,150ST,O-RING |
| 290 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 300 | 1 | 2014701445 | FIT T,CONEC,37FL,150STX125MP |
| 310 | 5 | 2014704994 | TUBE-FT,3/8 NYLON,CLEAR |
| 320 | 1 | 2010338110 | FIT P,UNION,150GLV 150X150 |
| 330 | 2 | 2014701259 | FIT P,ELBOW,150GLV 125X125X90 |
| 340 | 1 | 2013800430 | TRAP,MOISTURE,1-1/2"NPT,EVOLUT |
| 350 | 4 | 2013200834 | CLAMP,TUBE,1.66ID |
| 360 | 3 | 2014702684 | NIPPLE,SCH40,TBE,GLV,150X03.25 |
| 370 | 4 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 380 | 1 | 2014701152 | FIT P,UNION,ORNG,PLN,M188X188 |
| 390 | 4 | 2014700381 | NUT,HEXFLG,.25 NC,SAE 2,ZINC |
| 400 | 4 | 2025501119 | SCREW,TAP,CS,WASH,ZN.25NCX0.75 |
| 410 | 4 | 2025500920 | NUT,FLG, .31 NC,SAE 2,ZINC |
| 420 | 1 | 2014701752 | FIT P,CPLG,BRASS, 012X012 |
| 430 | 1 | 1627441144 | AY,CABLE,DIN CONN.,7 METER |

COMPONENT MAINTENANCE PARTS

2013500503 AFTERCOOLER:

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 2013500507 | BONNET,IN/OUT END |
| B | 1 | 2013306164 | GASKET,IN/OUT END |
| C | 1 | 2013500508 | BONNET,RETURN END |
| D | 1 | 2013306154 | GASKET,IN/OUT END 2P,RETURN 4P |

124061-001 & 127267-2 AFTERCOOLER:

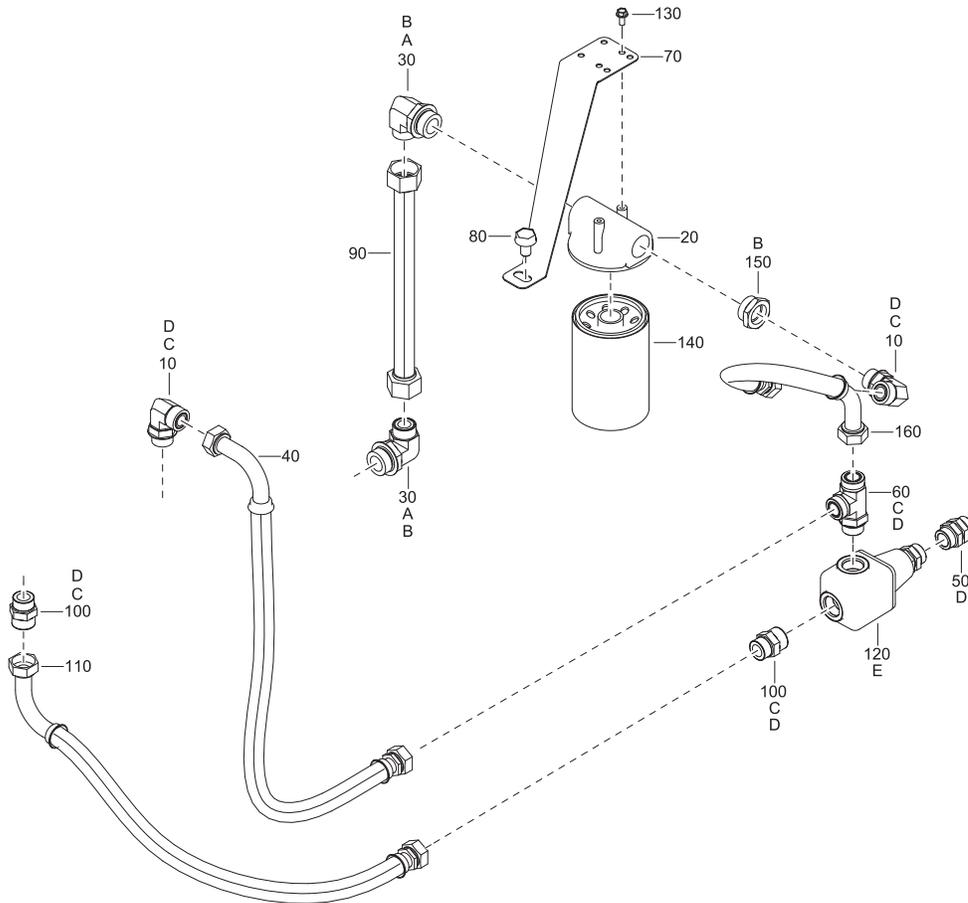
| | | | |
|---|---|------------|-------------------|
| A | 1 | 2013301417 | BONNET,IN/OUT END |
| B | 1 | 2013306162 | GASKET,IN/OUT END |
| C | 1 | 2013301418 | BONNET,RETURN END |
| D | 1 | 2013306163 | GASKET,RETURN END |

OTHER COMPONENTS:

| | | | |
|---|---|------------|--------------------------------|
| E | 3 | 5534969600 | O-RING,VITON--,0.118W,1.720ID |
| F | 4 | 2010356512 | O-RING,VITON--,0.07W,1.49ID,PF |
| G | 1 | 2014700609 | O-RING,MOISTURE TRAP |
| H | 1 | 2014700609 | O-RING,VITON |
| J | 1 | CSN E00300 | FILTER ELEMENT |

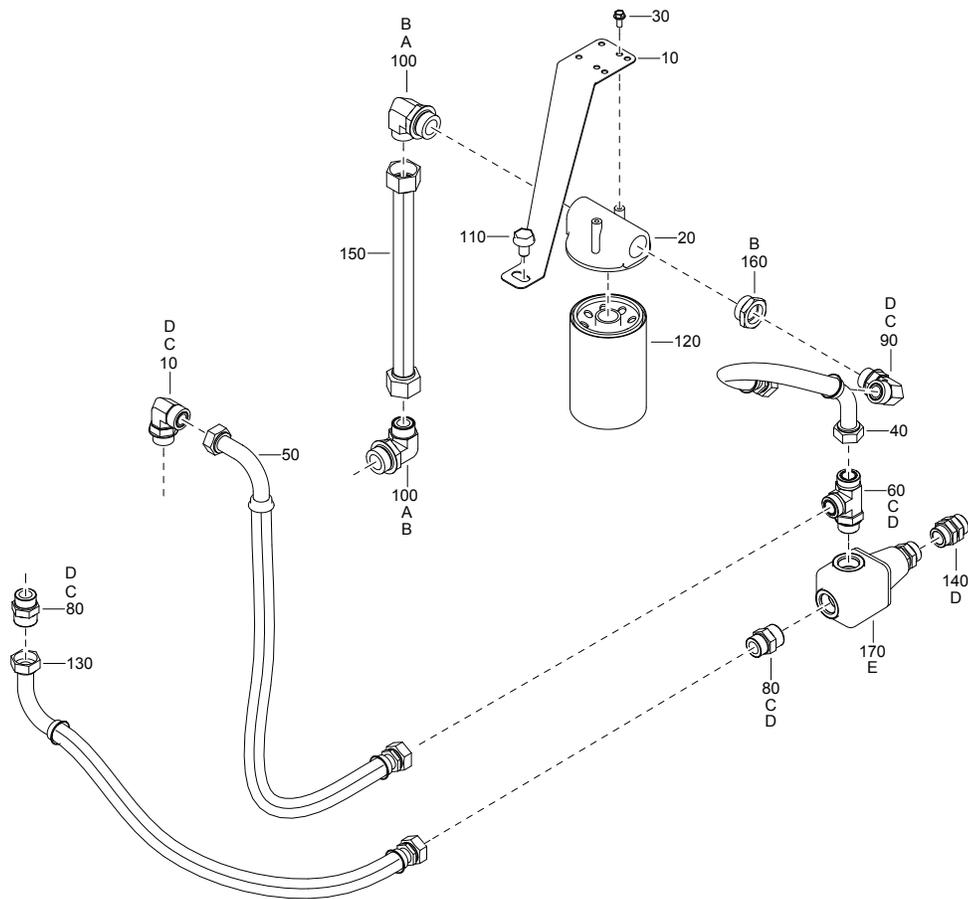
@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Fluid Piping (air-cooled, less fluid pump) - 2011014792



| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|------------------------------------|------|-------------|--------------------------------|
| 10 | 2 | 2014701795 | FIT T,ELBOW,PRFL,100ST O-RING |
| 20 | 1 | 1627410022 | HEAD,FILTER,FLD,162SAE,REM-IND |
| 30 | 2 | 2014701798 | FIT T,ELBOW,PRFL,125ST O-RING |
| 40 | 1 | 2013201271 | AY,HOSE,0.88X49,STR X 90 |
| 50 | 1 | 2014701150 | FIT P,UNION,ORNG,PLN,M131X131 |
| 60 | 1 | 2014701936 | FIT T,TEE,RN,PRFL,100ST,O-RING |
| 70 | 1 | 2013305796 | SUPPORT,FILTER,FLUID |
| 80 | 1 | 2014700073 | SCREW,CAP,WHIZLOCK,5/8-11X1.00 |
| 90 | 1 | 2013201247 | AY,TUBE,0B,PRFLG,1.25,15 |
| 100 | 2 | 2014701858 | FIT T,CONEC,PRFL,100ST,O-RING |
| 110 | 1 | 2013201270 | AY,HOSE,0.88X34,STR X 90 |
| 120 | 1 | 2013900132 | VALVE,THERMO,131S,190F,150WP |
| 130 | 2 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 140 | 1 | 2013400282 | ELEM,FLTR,FLD,B12 |
| 150 | 1 | 2014701317 | FIT,ADAPTER,O-RING,131FX162M |
| 160 | 1 | 2013201274 | AY,HOSE,0.88X25,STR X 45 |
| COMPONENT MAINTENANCE PARTS | | | |
| A | 2 | 2014700526 | O-RING,VITON--,0.07W,1.18ID,PF |
| B | 3 | 5533039100 | O-RING,VITON--,0.118W,1.475ID |
| C | 5 | 2014700526 | O-RING,VITON--,0.07W,0.93ID,PF |
| D | 8 | 5533039000 | O-RING,VITON--,0.116W,1.171ID |
| E | 1 | 1627456034 | KT,VALVE,THERMO,190F |
| | 1 | 2013900139 | ELEMENT,VALVE,THERMO,190F |
| | 1 | 2013900135 | SEAL,VALVE,THERMO |
| | 1 | 1627413017 | GASKET/O-RING,VALVE,THERMO |

Fluid Piping (air-cooled, less fluid pump) - 2011014793

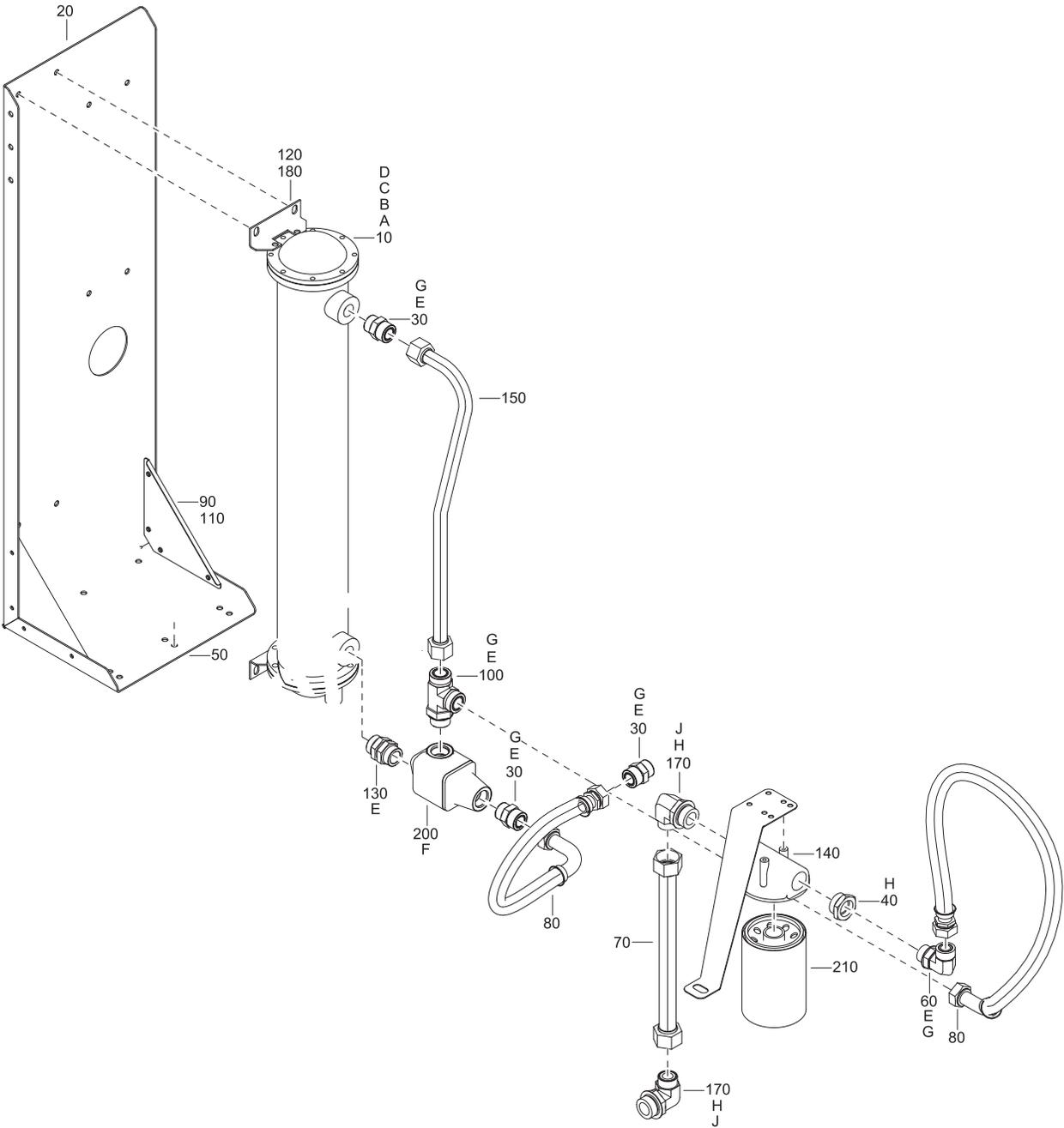


| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|-------------------------------------|
| 10 | 1 | 2013305796 | SUPPORT, FILTER, FLUID |
| 20 | 1 | 1627410022 | HEAD, FILTER, FLD, 162SAE, REM-IND |
| 30 | 2 | 2014700069 | SCREW, CAP, WHIZLOCK, 5/16-18X.75 |
| 40 | 1 | 2013201274 | AY, HOSE, 0.88X25, STR X 45 |
| 50 | 1 | 2013201271 | AY, HOSE, 0.88X49, STR X 90 |
| 60 | 1 | 2014701936 | FIT T, TEE, RN, PRFL, 100ST, O-RING |
| 70 | 1 | 2013201193 | AY, HOSE, 1.00X16, STR X STR |
| 80 | 4 | 2014701858 | FIT T, CONEC, PRFL, 100ST, O-RING |
| 90 | 2 | 2014701795 | FIT T, ELBOW, PRFL, 100ST O-RING |
| 100 | 2 | 2014701798 | FIT T, ELBOW, PRFL, 125ST O-RING |
| 110 | 1 | 2014700073 | SCREW, CAP, WHIZLOCK, 5/8-11X1.00 |
| 120 | 1 | 2013400282 | ELEM, FLTR, FLD, B12 |
| 130 | 1 | 2013201270 | AY, HOSE, 0.88X34, STR X 90 |
| 140 | 1 | 2014701150 | FIT P, UNION, ORNG, PLN, M131X131 |
| 150 | 1 | 2013201247 | AY, TUBE, 0B, PRFLG, 1.25, 15 |
| 160 | 3 | 2014701317 | FIT, ADAPTER, O-RING, 131FX162M |
| 170 | 1 | 2013900132 | VALVE, THERMO, 131S, 190F, 150WP |

COMPONENT MAINTENANCE PARTS

| | | | |
|---|---|------------|------------------------------------|
| A | 2 | 2014700526 | O-RING, VITON--, 0.07W, 1.18ID, PF |
| B | 3 | 5533039100 | O-RING, VITON--, 0.118W, 1.475ID |
| C | 5 | 2014700526 | O-RING, VITON--, 0.07W, 0.93ID, PF |
| D | 8 | 5533039000 | O-RING, VITON--, 0.116W, 1.171ID |
| E | 1 | 1627456034 | KT, VALVE, THERMO, 190F |
| | 1 | 2013900139 | ELEMENT, VALVE, THERMO, 190F |
| | 1 | 2013900135 | SEAL, VALVE, THERMO |
| | 1 | 1627413017 | GASKET/O-RING, VALVE, THERMO |

Fluid Piping (water-cooled, less fluid pump) - 2011014810



Fluid Piping (water-cooled,less fluid pump) - 2011014810

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013500475 | HEATXCHNGR,FLDCLR,WC |
| 20 | 1 | 2013305493 | SUPPORT,COOLER,FLUID |
| 30 | 3 | 2014701858 | FIT T,CONEC,PRFL,100ST,O-RING |
| 40 | 1 | 2014701317 | FIT,ADAPTER,O-RING,131FX162M |
| 50 | 6 | 2014700052 | SCREW,LOK,CS,HEX,ZN,M10 X 30 |
| 60 | 1 | 2014701795 | FIT T,ELBOW,PRFL,100ST O-RING |
| 70 | 1 | 2013201247 | AY,TUBE,0B,PRFLG,1.25,15 |
| 80 | 2 | 2013201270 | AY,HOSE,0.88X34,STR X 90 |
| 90 | 2 | 2013305144 | BRACKET,SUPPORT,COOLER,FLUID |
| 100 | 1 | 2014701936 | FIT T,TEE,RN,PRFL,100ST,O-RING |
| 110 | 8 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 120 | 4 | 2025500920 | NUT,FLG, .31 NC,SAE 2,ZINC |
| 130 | 1 | 2014701150 | FIT P,UNION,ORNG,PLN,M131X131 |
| 140 | 1 | 1627410022 | HEAD,FILTER,FLD,162SAE,REM-IND |
| 150 | 1 | 2013201251 | AY,TUBE,2B,PRFLG,1.00,5X13X12 |
| 160 | 1 | 2013305796 | SUPPORT,FILTER,FLUID |
| 170 | 2 | 2014701798 | FIT T,ELBOW,PRFL,125ST O-RING |
| 180 | 6 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 190 | 1 | 2014700073 | SCREW,CAP,WHIZLOCK,5/8-11X1.00 |
| 200 | 1 | 2013900132 | VALVE,THERMO,131S,190F,150WP |
| 210 | 1 | 2013400282 | ELEM,FLTR,FLD,B12 |

COMPONENT MAINTENANCE PARTS

2013500475 HEATXCHNGR,FLDCLR,WC:

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 2013500507 | BONNET,IN/OUT END |
| B | 1 | 2013306164 | GASKET,IN/OUT END |
| C | 1 | 2013500508 | BONNET,RETURN END |
| D | 1 | 2013306154 | GASKET,IN/OUT 2P,RETURN END 4P |

2013500087 & 2013500175 HEATXCHNGR,FLDCLR,SEA WTR & HEATXCHNGR,FLDCLR,STN STL :

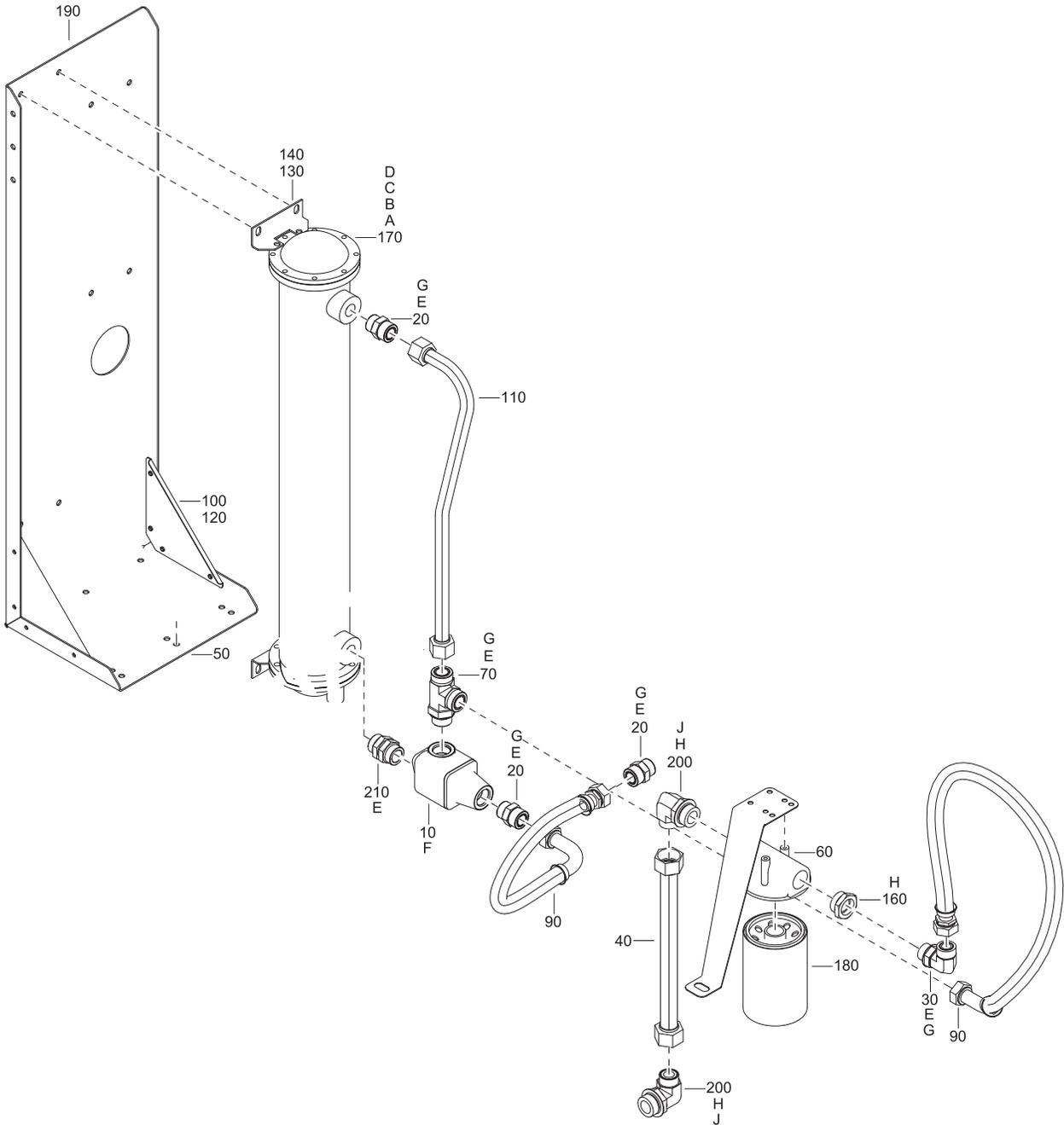
| | | | |
|---|---|--|--------------------------|
| A | 1 | | COOLER BONNET-IN/OUT END |
| B | 1 | | COOLER GASKET-IN/OUT END |
| C | 1 | | COOLER BONNET-RETURN END |
| D | 1 | | COOLER GASKET-RETURN END |

OTHER COMPONENTS:

| | | | |
|---|---|------------|--------------------------------|
| E | 8 | 5533039000 | O-RING,VITON--,0.116W,1.171ID |
| F | 1 | 1627456034 | KT,VALVE,THERMO,190F |
| | | 2013900139 | ELEMENT,VALVE,THERMO,190F |
| | | 2013900135 | SEAL,VALVE,THERMO |
| | | 1627413017 | GASKET/O-RING,VALVE,THERMO |
| G | 5 | 2014700526 | O-RING,VITON--,0.07W,0.93ID,PF |
| H | 3 | 5533039100 | O-RING,VITON--,0.118W,1.475ID |
| J | 2 | 2014700526 | O-RING,VITON--,0.07W,1.18ID,PF |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Fluid Piping (water-cooled, less fluid pump) - 2011014812



Fluid Piping (water-cooled,less fluid pump) - 2011014812

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013900132 | VALVE,THERMO,131S,190F,150WP |
| 20 | 3 | 2014701858 | FIT T,CONEC,PRFL,100ST,O-RING |
| 30 | 1 | 2014701795 | FIT T,ELBOW,PRFL,100ST O-RING |
| 40 | 1 | 2013201247 | AY,TUBE,0B,PRFLG,1.25,15 |
| 50 | 6 | 2014700052 | SCREW,LOK,CS,HEX,ZN,M10 X 30 |
| 60 | 1 | 1627410022 | HEAD,FILTER,FLD,162SAE,REM-IND |
| 70 | 1 | 2014701936 | FIT T,TEE,RN,PRFL,100ST,O-RING |
| 80 | 1 | 2013305796 | SUPPORT,FILTER,FLUID |
| 90 | 2 | 2013201270 | AY,HOSE,0.88X34,STR X 90 |
| 100 | 2 | 2013305144 | BRACKET,SUPPORT,COOLER,FLUID |
| 110 | 1 | 2013201251 | AY,TUBE,2B,PRFLG,1.00,5X13X12 |
| 120 | 8 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 130 | 6 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 140 | 4 | 2025500920 | NUT,FLG,-.31 NC,SAE 2,ZINC |
| 150 | 1 | 2014700073 | SCREW,CAP,WHIZLOCK,5/8-11X1.00 |
| 160 | 1 | 2014701317 | FIT,ADAPTER,O-RING,131FX162M |
| 170 | 1 | 2013500087 | HEATXCHNGR,FLDCLR,SEA WTR |
| 180 | 1 | 2013400282 | ELEM,FLTR,FLD,B12 |
| 190 | 1 | 2013305493 | SUPPORT,COOLER,FLUID |
| 200 | 2 | 2014701798 | FIT T,ELBOW,PRFL,125ST O-RING |
| 210 | 1 | 2014701150 | FIT P,UNION,ORNG,PLN,M131X131 |

COMPONENT MAINTENANCE PARTS

2013500475 HEATXCHNGR,FLDCLR,WC:

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 2013500507 | BONNET,IN/OUT END |
| B | 1 | 2013306164 | GASKET,IN/OUT END |
| C | 1 | 2013500508 | BONNET,RETURN END |
| D | 1 | 2013306154 | GASKET,IN/OUT 2P,RETURN END 4P |

2013500087 & 2013500175 HEATXCHNGR,FLDCLR,SEA WTR & HEATXCHNGR,FLDCLR,STN STL :

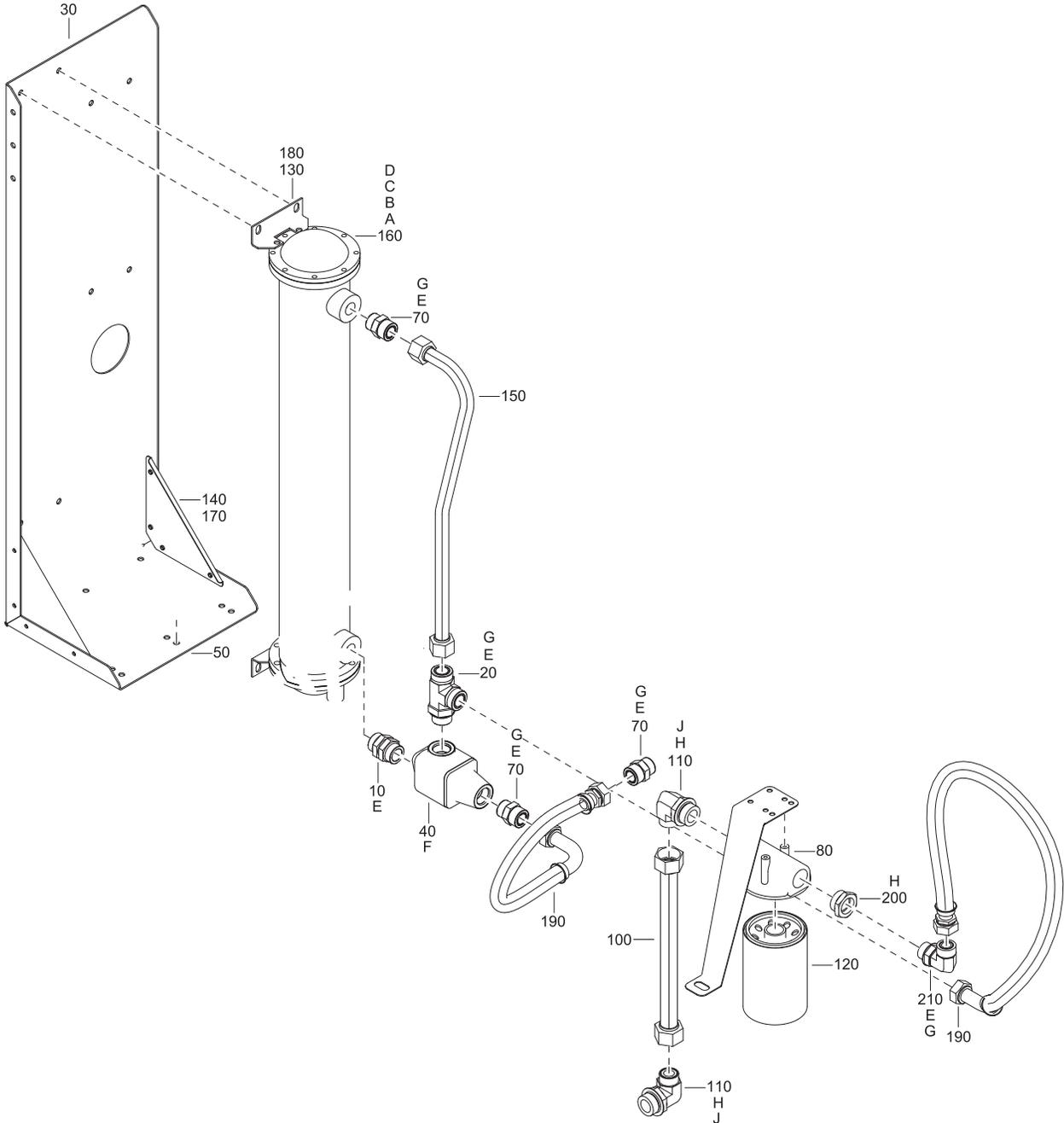
| | | | |
|---|---|--|--------------------------|
| A | 1 | | COOLER BONNET-IN/OUT END |
| B | 1 | | COOLER GASKET-IN/OUT END |
| C | 1 | | COOLER BONNET-RETURN END |
| D | 1 | | COOLER GASKET-RETURN END |

OTHER COMPONENTS:

| | | | |
|---|---|------------|--------------------------------|
| E | 8 | 5533039000 | O-RING,VITON--,0.116W,1.171ID |
| F | 1 | 1627456034 | KT,VALVE,THERMO,190F |
| | | 2013900139 | ELEMENT,VALVE,THERMO,190F |
| | | 2013900135 | SEAL,VALVE,THERMO |
| | | 1627413017 | GASKET/O-RING,VALVE,THERMO |
| G | 5 | 2014700526 | O-RING,VITON--,0.07W,0.93ID,PF |
| H | 3 | 5533039100 | O-RING,VITON--,0.118W,1.475ID |
| J | 2 | 2014700526 | O-RING,VITON--,0.07W,1.18ID,PF |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Fluid Piping (water-cooled, less fluid pump) - 2011014814



Fluid Piping (water-cooled,less fluid pump) - 2011014814

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2014701150 | FIT P,UNION,ORNG,PLN,M131X131 |
| 20 | 1 | 2014701936 | FIT T,TEE,RN,PRFL,100ST,O-RING |
| 30 | 1 | 2013305493 | SUPPORT,COOLER,FLUID |
| 40 | 1 | 2013900132 | VALVE,THERMO,131S,190F,150WP |
| 50 | 6 | 2014700052 | SCREW,LOK,CS,HEX,ZN,M10 X 30 |
| 60 | 1 | 2013305796 | SUPPORT,FILTER,FLUID |
| 70 | 3 | 2014701858 | FIT T,CONEC,PRFL,100ST,O-RING |
| 80 | 1 | 1627410022 | HEAD,FILTER,FLD,162SAE,REM-IND |
| 90 | 1 | 2014700073 | SCREW,CAP,WHIZLOCK,5/8-11X1.00 |
| 100 | 1 | 2013201247 | AY,TUBE,0B,PRFLG,1.25,15 |
| 110 | 2 | 2014701798 | FIT T,ELBOW,PRFL,125ST O-RING |
| 120 | 1 | 2013400282 | ELEM,FLTR,FLD,B12 |
| 130 | 6 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 140 | 2 | 2013305144 | BRACKET,SUPPORT,COOLER,FLUID |
| 150 | 1 | 2013201251 | AY,TUBE,2B,PRFLG,1.00,5X13X12 |
| 160 | 1 | 2013500175 | HEATXCHNGR,FLDCLR,STN STL |
| 170 | 8 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 180 | 4 | 2025500920 | NUT,FLG,.31 NC,SAE 2,ZINC |
| 190 | 2 | 2013201270 | AY,HOSE,0.88X34,STR X 90 |
| 200 | 1 | 2014701317 | FIT,ADAPTER,O-RING,131FX162M |
| 210 | 1 | 2014701795 | FIT T,ELBOW,PRFL,100ST O-RING |

COMPONENT MAINTENANCE PARTS

2013500475 HEATXCHNGR,FLDCLR,WC:

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 2013500507 | BONNET,IN/OUT END |
| B | 1 | 2013306164 | GASKET,IN/OUT END |
| C | 1 | 2013500508 | BONNET,RETURN END |
| D | 1 | 2013306154 | GASKET,IN/OUT 2P,RETURN END 4P |

2013500087 & 2013500175 HEATXCHNGR,FLDCLR,SEA WTR & HEATXCHNGR,FLDCLR,STN STL :

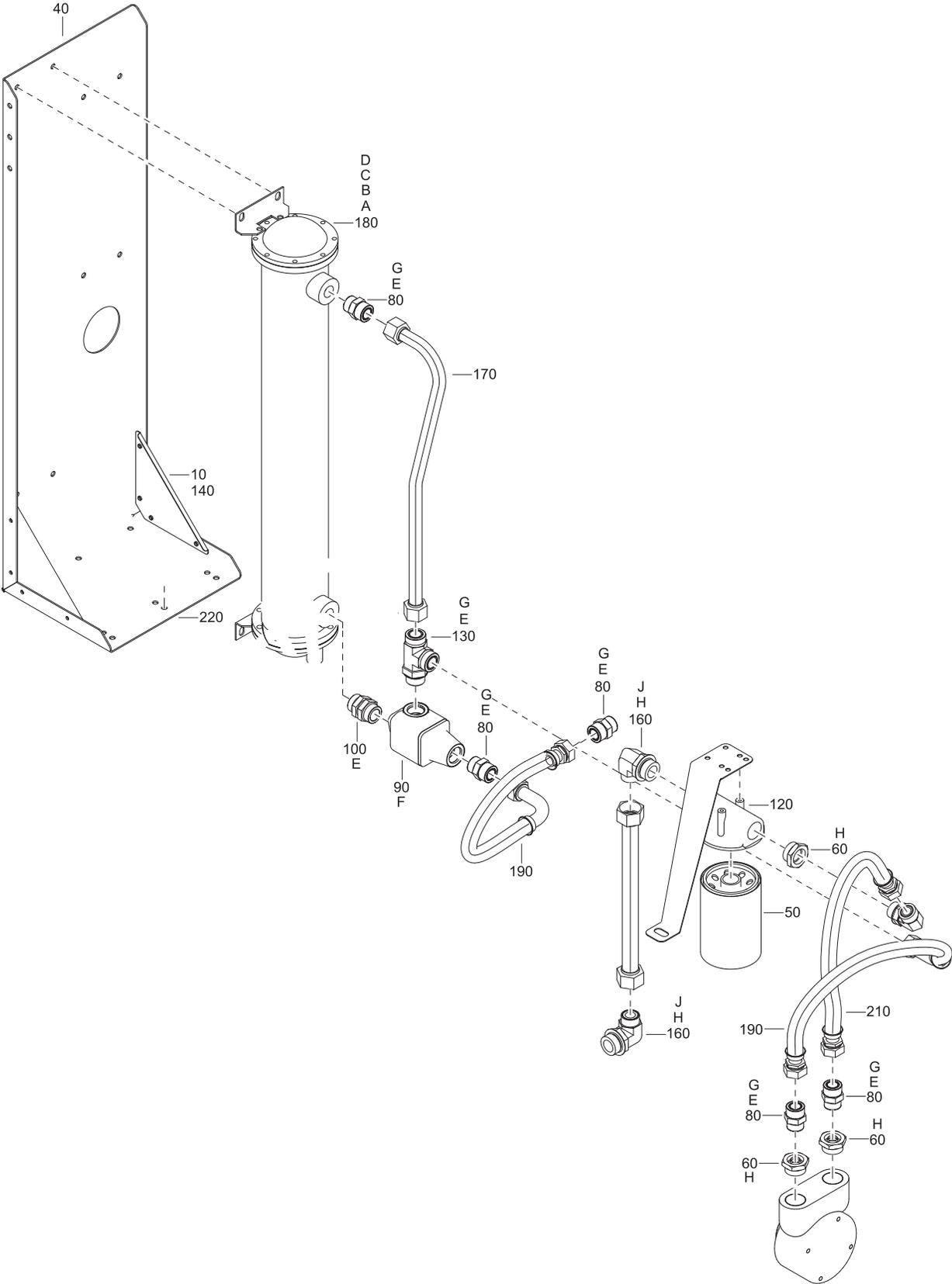
| | | | |
|---|---|--|--------------------------|
| A | 1 | | COOLER BONNET-IN/OUT END |
| B | 1 | | COOLER GASKET-IN/OUT END |
| C | 1 | | COOLER BONNET-RETURN END |
| D | 1 | | COOLER GASKET-RETURN END |

OTHER COMPONENTS:

| | | | |
|---|---|------------|--------------------------------|
| E | 8 | 5533039000 | O-RING,VITON--,0.116W,1.171ID |
| F | 1 | 1627456034 | KT,VALVE,THERMO,190F |
| | | 2013900139 | ELEMENT,VALVE,THERMO,190F |
| | | 2013900135 | SEAL,VALVE,THERMO |
| | | 1627413017 | GASKET/O-RING,VALVE,THERMO |
| G | 5 | 2014700526 | O-RING,VITON--,0.07W,0.93ID,PF |
| H | 3 | 5533039100 | O-RING,VITON--,0.118W,1.475ID |
| J | 2 | 2014700526 | O-RING,VITON--,0.07W,1.18ID,PF |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Fluid Piping (water-cooled, with fluid pump) - 2011014811



Fluid Piping (water-cooled, with fluid pump) - 2011014811

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 2 | 2013305144 | BRACKET,SUPPORT,COOLER,FLUID |
| 20 | 2 | 2014701795 | FIT T,ELBOW,PRFL,100ST O-RING |
| 30 | 1 | 2014700073 | SCREW,CAP,WHIZLOCK,5/8-11X1.00 |
| 40 | 1 | 2013305493 | SUPPORT,COOLER,FLUID |
| 50 | 1 | 2013400282 | ELEM,FLTR,FLD,B12 |
| 60 | 2 | 2014701317 | FIT,ADAPTER,O-RING,131FX162M |
| 70 | 4 | 2025500920 | NUT,FLG, .31 NC,SAE 2,ZINC |
| 80 | 5 | 2014701858 | FIT T,CONEC,PRFL,100ST,O-RING |
| 90 | 1 | 2013900132 | VALVE,THERMO,131S,190F,150WP |
| 100 | 1 | 2014701150 | FIT P,UNION,ORNG,PLN,M131X131 |
| 110 | 1 | 2013201247 | AY,TUBE,0B,PRFLG,1.25,15 |
| 120 | 1 | 1627410022 | HEAD,FILTER,FLD,162SAE,REM-IND |
| 130 | 1 | 2014701936 | FIT T,TEE,RN,PRFL,100ST,O-RING |
| 140 | 8 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 150 | 1 | 2013305796 | SUPPORT,FILTER,FLUID |
| 160 | 2 | 2014701798 | FIT T,ELBOW,PRFL,125ST O-RING |
| 170 | 1 | 2013201251 | AY,TUBE,2B,PRFLG,1.00,5X13X12 |
| 180 | 1 | 2013500475 | HEATXCHNGR,FLDCLR,WC |
| 190 | 2 | 2013201270 | AY,HOSE,0.88X34,STR X 90 |
| 200 | 6 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 210 | 1 | 2013201193 | AY,HOSE,1.00X16,STR X STR |
| 220 | 6 | 2014700052 | SCREW,LOK,CS,HEX,ZN,M10X30 |

COMPONENT MAINTENANCE PARTS

2013500475 HEATXCHNGR,FLDCLR,WC:

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 2013500507 | BONNET,IN/OUT END |
| B | 1 | 2013306164 | GASKET,IN/OUT END |
| C | 1 | 2013500508 | BONNET,RETURN END |
| D | 1 | 2013306154 | GASKET,IN/OUT 2P,RETURN END 4P |

2013500087 & 2013500175 HEATXCHNGR,FLDCLR,SEA WTR & HEATXCHNGR,FLDCLR,STN STL :

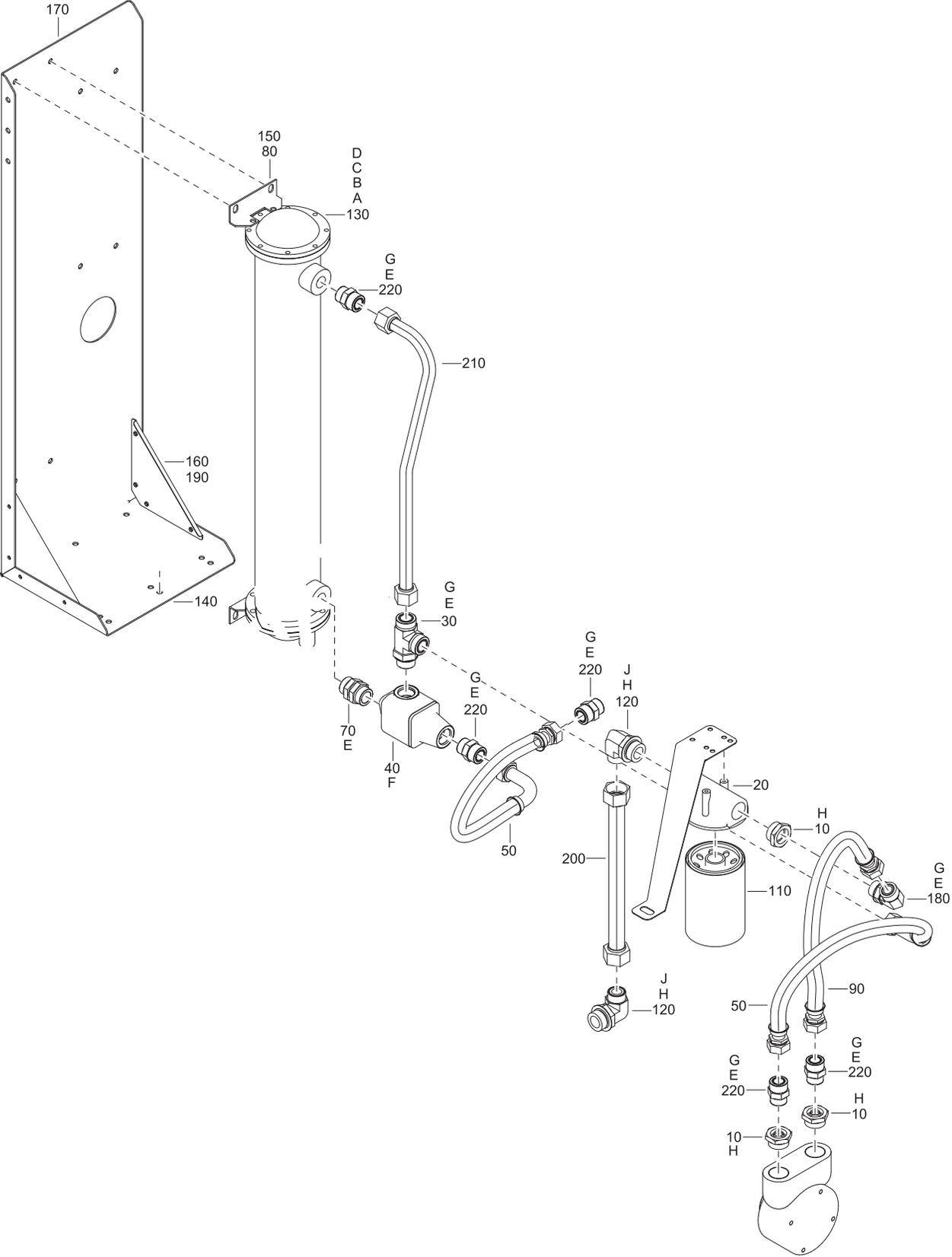
| | | | |
|---|---|--|--------------------------|
| A | 1 | | COOLER BONNET-IN/OUT END |
| B | 1 | | COOLER GASKET-IN/OUT END |
| C | 1 | | COOLER BONNET-RETURN END |
| D | 1 | | COOLER GASKET-RETURN END |

OTHER COMPONENTS:

| | | | |
|---|---|------------|--------------------------------|
| E | 8 | 5533039000 | O-RING,VITON--,0.116W,1.171ID |
| F | 1 | 1627456034 | KT,VALVE,THERMO,190F |
| | | 2013900139 | ELEMENT,VALVE,THERMO,190F |
| | | 2013900135 | SEAL,VALVE,THERMO |
| | | 1627413017 | GASKET/O-RING,VALVE,THERMO |
| G | 5 | 2014700526 | O-RING,VITON--,0.07W,0.93ID,PF |
| H | 3 | 5533039100 | O-RING,VITON--,0.118W,1.475ID |
| J | 2 | 2014700526 | O-RING,VITON--,0.07W,1.18ID,PF |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Fluid Piping (water-cooled, with fluid pump) - 2011014813



Fluid Piping (water-cooled, with fluid pump) - 2011014813

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 2 | 2014701317 | FIT,ADAPTER,O-RING,131FX162M |
| 20 | 1 | 1627410022 | HEAD,FILTER,FLD,162SAE,REM-IND |
| 30 | 1 | 2014701936 | FIT T,TEE,RN,PRFL,100ST,O-RING |
| 40 | 1 | 2013900132 | VALVE,THERMO,131S,190F,150WP |
| 50 | 2 | 2013201270 | AY,HOSE,0.88X34,STR X 90 |
| 60 | 1 | 2013305796 | SUPPORT,FILTER,FLUID |
| 70 | 1 | 2014701150 | FIT P,UNION,ORNG,PLN,M131X131 |
| 80 | 4 | 2025500920 | NUT,FLG, .31 NC,SAE 2,ZINC |
| 90 | 1 | 2013201193 | AY,HOSE,1.00X16,STR X STR |
| 100 | 1 | 2014700073 | SCREW,CAP,WHIZLOCK,5/8-11X1.00 |
| 110 | 1 | 2013400282 | ELEM,FLTR,FLD,B12 |
| 120 | 2 | 2014701798 | FIT T,ELBOW,PRFL,125ST O-RING |
| 130 | 1 | 2013500087 | HEATXCHNGR,FLDCLR,SEA WTR |
| 140 | 6 | 2014700052 | SCREW,LOK,CS,HEX,ZN,M10 X 30 |
| 150 | 6 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 160 | 2 | 2013305144 | BRACKET,SUPPORT,COOLER,FLUID |
| 170 | 1 | 2013305493 | SUPPORT,COOLER,FLUID |
| 180 | 2 | 2014701795 | FIT T,ELBOW,PRFL,100ST O-RING |
| 190 | 8 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 200 | 1 | 2013201247 | AY,TUBE,0B,PRFLG,1.25,15 |
| 210 | 1 | 2013201251 | AY,TUBE,2B,PRFLG,1.00,5X13X12 |
| 220 | 5 | 2014701858 | FIT T,CONEC,PRFL,100ST,O-RING |

COMPONENT MAINTENANCE PARTS

2013500475 HEATXCHNGR,FLDCLR,WC:

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 2013500507 | BONNET,IN/OUT END |
| B | 1 | 2013306164 | GASKET,IN/OUT END |
| C | 1 | 2013500508 | BONNET,RETURN END |
| D | 1 | 2013306154 | GASKET,IN/OUT 2P,RETURN END 4P |

2013500087 & 2013500175 HEATXCHNGR,FLDCLR,SEA WTR & HEATXCHNGR,FLDCLR,STN STL :

| | | | |
|---|---|--|--------------------------|
| A | 1 | | COOLER BONNET-IN/OUT END |
| B | 1 | | COOLER GASKET-IN/OUT END |
| C | 1 | | COOLER BONNET-RETURN END |
| D | 1 | | COOLER GASKET-RETURN END |

OTHER COMPONENTS:

| | | | |
|---|---|------------|--------------------------------|
| E | 8 | 5533039000 | O-RING,VITON--,0.116W,1.171ID |
| F | 1 | 1627456034 | KT,VALVE,THERMO,190F |
| | | 2013900139 | ELEMENT,VALVE,THERMO,190F |
| | | 2013900135 | SEAL,VALVE,THERMO |
| | | 1627413017 | GASKET/O-RING,VALVE,THERMO |
| G | 5 | 2014700526 | O-RING,VITON--,0.07W,0.93ID,PF |
| H | 3 | 5533039100 | O-RING,VITON--,0.118W,1.475ID |
| J | 2 | 2014700526 | O-RING,VITON--,0.07W,1.18ID,PF |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Fluid Piping (water-cooled, with fluid pump) - 2011014815



Fluid Piping (water-cooled, with fluid pump) - 2011014815

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013201247 | AY,TUBE,0B,PRFLG,1.25,15 |
| 20 | 4 | 2025500920 | NUT,FLG,.31 NC,SAE 2,ZINC |
| 30 | 1 | 2014700073 | SCREW,CAP,WHIZLOCK,5/8-11X1.00 |
| 40 | 1 | 2013900132 | VALVE,THERMO,131S,190F,150WP |
| 50 | 5 | 2014701858 | FIT T,CONEC,PRFL,100ST,O-RING |
| 60 | 1 | 2013201251 | AY,TUBE,2B,PRFLG,1.00,5X13X12 |
| 70 | 2 | 2014701795 | FIT T,ELBOW,PRFL,100ST O-RING |
| 80 | 1 | 2014701936 | FIT T,TEE,RN,PRFL,100ST,O-RING |
| 90 | 2 | 2014701317 | FIT,ADAPTER,O-RING,131FX162M |
| 100 | 1 | 1627410022 | HEAD,FILTER,FLD,162SAE,REM-IND |
| 110 | 6 | 2014700052 | SCREW,LOK,CS,HEX,ZN,M10 X 30 |
| 120 | 1 | 2013201193 | AY,HOSE,1.00X16,STR X STR |
| 130 | 6 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 140 | 2 | 2014701798 | FIT T,ELBOW,PRFL,125ST O-RING |
| 150 | 2 | 2013305144 | BRACKET,SUPPORT,COOLER,FLUID |
| 160 | 1 | 2013305493 | SUPPORT,COOLER,FLUID |
| 170 | 1 | 2013400282 | ELEM,FLTR,FLD,B12 |
| 180 | 2 | 2013201270 | AY,HOSE,0.88X34,STR X 90 |
| 190 | 8 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 200 | 1 | 2014701150 | FIT P,UNION,ORNG,PLN,M131X131 |
| 210 | 1 | 2013305796 | SUPPORT,FILTER,FLUID |
| 220 | 1 | 2013500175 | HEATXCHNGR,FLDCLR,STN STL |

COMPONENT MAINTENANCE PARTS

2013500475 HEATXCHNGR,FLDCLR,WC:

| | | | |
|---|---|------------|--------------------------------|
| A | 1 | 2013500507 | BONNET,IN/OUT END |
| B | 1 | 2013306164 | GASKET,IN/OUT END |
| C | 1 | 2013500508 | BONNET,RETURN END |
| D | 1 | 2013306154 | GASKET,IN/OUT 2P,RETURN END 4P |

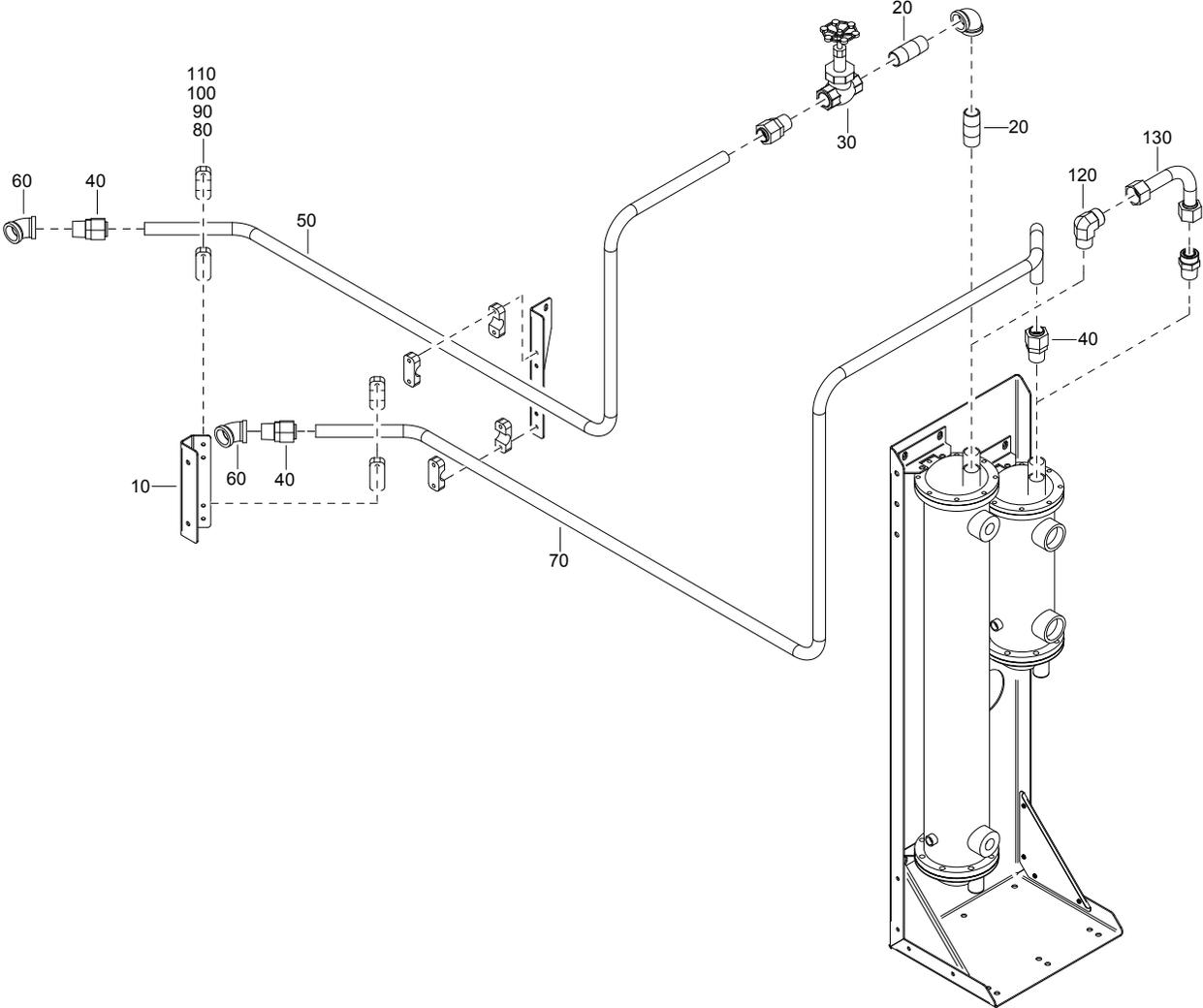
2013500087 & 2013500175 HEATXCHNGR,FLDCLR,SEA WTR & HEATXCHNGR,FLDCLR,STN STL :

| | | | |
|---|---|--|--------------------------|
| A | 1 | | COOLER BONNET-IN/OUT END |
| B | 1 | | COOLER GASKET-IN/OUT END |
| C | 1 | | COOLER BONNET-RETURN END |
| D | 1 | | COOLER GASKET-RETURN END |

OTHER COMPONENTS:

| | | | |
|---|---|------------|--------------------------------|
| E | 8 | 5533039000 | O-RING,VITON--,0.116W,1.171ID |
| F | 1 | 1627456034 | KT,VALVE,THERMO,190F |
| | | 2013900139 | ELEMENT,VALVE,THERMO,190F |
| | | 2013900135 | SEAL,VALVE,THERMO |
| | | 1627413017 | GASKET/O-RING,VALVE,THERMO |
| G | 5 | 2014700526 | O-RING,VITON--,0.07W,0.93ID,PF |
| H | 3 | 5533039100 | O-RING,VITON--,0.118W,1.475ID |
| J | 2 | 2014700526 | O-RING,VITON--,0.07W,1.18ID,PF |

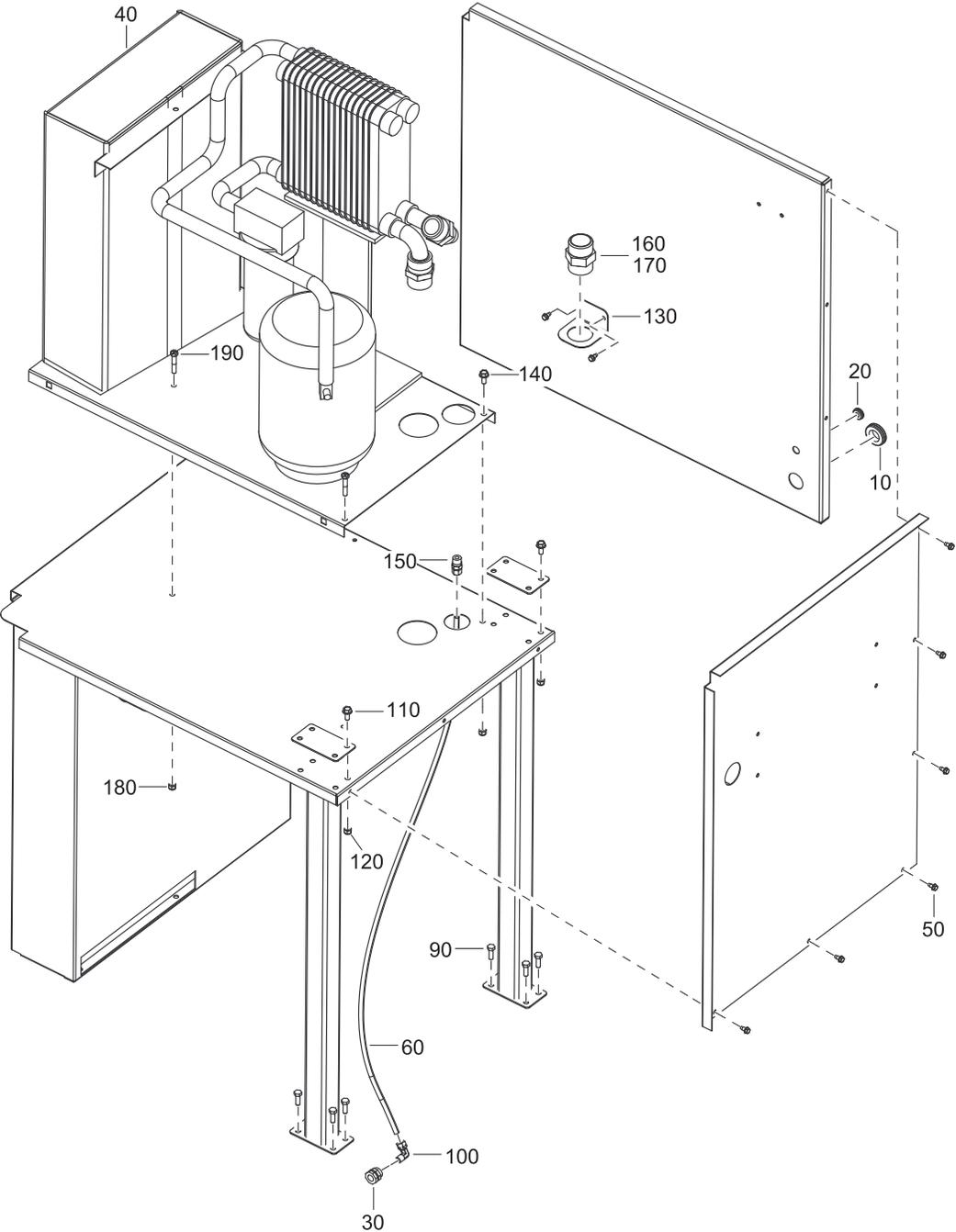
@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).



Water Piping - 2011019820

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|---|
| 10 | 2 | 2013305625 | PIPING SUPPORT BRACKET |
| 20 | 2 | 2014702539 | PIPE NIPPLE-GALVANIZED, 1.00 NPT X 4.00 |
| 30 | 2 | 2013900694 | GLOBE VALVE |
| 40 | 1 | 2014701844 | CONNECTOR-1.00 NPTF X 1.00 TUBE (O-RING) |
| 50 | 1 | 2013201256 | FORMED TUBE ASSEMBLY-PAR-FLANGED, 1.00 O.D. (FRESH WATER) |
| | 1 | 2013201257 | FORMED TUBE ASSEMBLY-PAR-FLANGED, 1.00 O.D., STAINLESS STEEL (SEA WATER) |
| 60 | 2 | 2014701017 | PIPE COUPLING-GALVANIZED, 1.00 NPT |
| | 2 | 2014700816 | PIPE COUPLING-STAINLESS STEEL, 1.00 NPT (SEA WATER) |
| 70 | 1 | 2013201254 | FORMED TUBE ASSEMBLY-PAR-FLANGED, 1.00 O.D. (FRESH WATER) |
| | 1 | 2013201255 | FORMED TUBE ASSEMBLY-PAR-FLANGED, 1.00 O.D., STAINLESS STEEL (SEA WATER) |
| 80 | 4 | 2013200829 | TUBE CLAMP-0.98 I.D. |
| 90 | 2 | 2013200843 | TUBE CLAMP COVER PLATE-0.98 I.D. |
| 100 | 4 | 2014700108 | CAP SCREW-ZINC, 1/4-20 UNC X 3.00, GRADE 5 (@ 6 FT-LBS) |
| 110 | 4 | 2014700381 | SELF-LOCKING HEX NUT-ZINC, 1/4-20 UNC |
| 120 | 1 | 2014701778 | ELBOW-1.00 TUBE X 1.00-11.5 NPTF (O-RING) |
| 130 | 1 | 2013201249 | FORMED TUBE ASSEMBLY-PAR-FLANGED, 1.00 O.D. (FRESH WATER) |
| | 1 | 2013201250 | FORMED TUBE ASSEMBLY-PAR-FLANGED, 1.00 O.D., STAINLESS STEEL (SEA WATER) |
| 140 | 3 | 5536215800 | CAP SCREW-3/8-16 UNC X 0.75, GRADE 5 (@ 23 FT-LBS) |
| 150 | 3 | 5531068600 | SELF-LOCKING HEX NUT-ZINC, 3/8-16 UNC |
| 160 | 1 | 2013305145 | CLAMP SPACER |

Dryer (optional) - 2011014313



Dryer (optional) - 2011014313

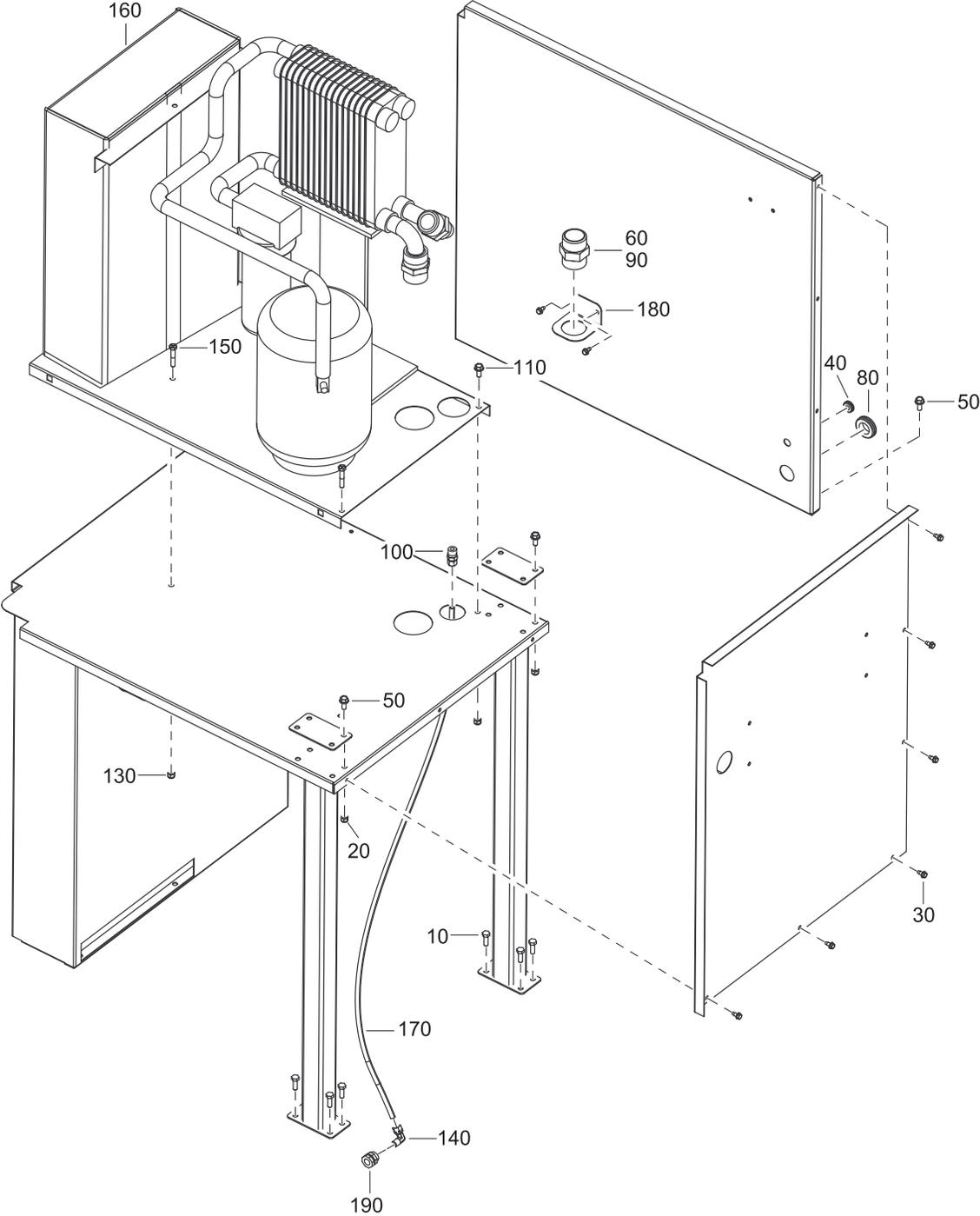
| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013304187 | GROMMET,RUBBER,1.00ID,1.38GD |
| 20 | 1 | 2013304186 | GROMMET,RUBBER,0.38ID,0.63GD |
| 30 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 40 | 1 | 2013800374 | DRYER,50HP,20/23V,3PH,60HZ |
| 50 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 60 | 3 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 70 | 1 | 2011015109 | GR,ELE,DRY,200/230V,QSI-50 HP |
| 80 | 1 | 2012102115 | KT,DRYER SHELF,QSI-245I/300I |
| 90 | 8 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 100 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 110 | 8 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 120 | 10 | 2014700430 | NUT,LOK, .31 NC,SAE 2,NONE |
| 130 | 1 | 2013305620 | BRACKET,UNION |
| 140 | 2 | 2025501345 | SCREW,CAP,CS,HEX ,ZN.31NCX1.75 |
| 150 | 1 | 2014701934 | FIT T,CONEC,FLLS,038NTX038MP |
| 160 | 1 | 2013305996 | TIE,CABLE,SELF LOCK,BLACK,14.5 |
| 170 | 1 | 2014700828 | FIT H,UNION,37DEG,188X188 |
| 180 | 1 | 2025500973 | NUT,LOK, .25 NC,SAE 2,NONE |
| 190 | 1 | 2010356493 | SCREW,CAP,CS,HEX ,ZN.25NCX1.50 |

DRYER ELECTRICAL CONTROL (NOT SHOWN) - LOCATED IN THE ELECTRICAL ENCLOSURE:

| | | |
|---|------------|--|
| 1 | 2014703676 | RELAY,SOCKET,15AMP/24VAC,DPDT |
| 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 1 | 1089941524 | CONTACTOR,120V |
| 1 | 1089941547 | CONTACTOR,120V (50 HP, 380/415/460/575 VOLT & 60 HP, 200/230/460/575 VOLT) |
| 3 | 2014702982 | FUSE,600/12.0TD,0.41DIAX1.50LG |
| 3 | 1089916851 | FUSE,600/7.50TD,0.41DIAX1.50LG |
| 3 | 2014703052 | FUSE,600/5.60TD,0.41DIAX1.50LG |
| 3 | 2014703055 | FUSE,600/20.0TD,0.41DIAX1.50LG |
| 3 | 2014703054 | FUSE,600/9.00TD,0.41DIAX1.50LG |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Dryer (optional) - 2011014314



Dryer (optional) - 2011014314

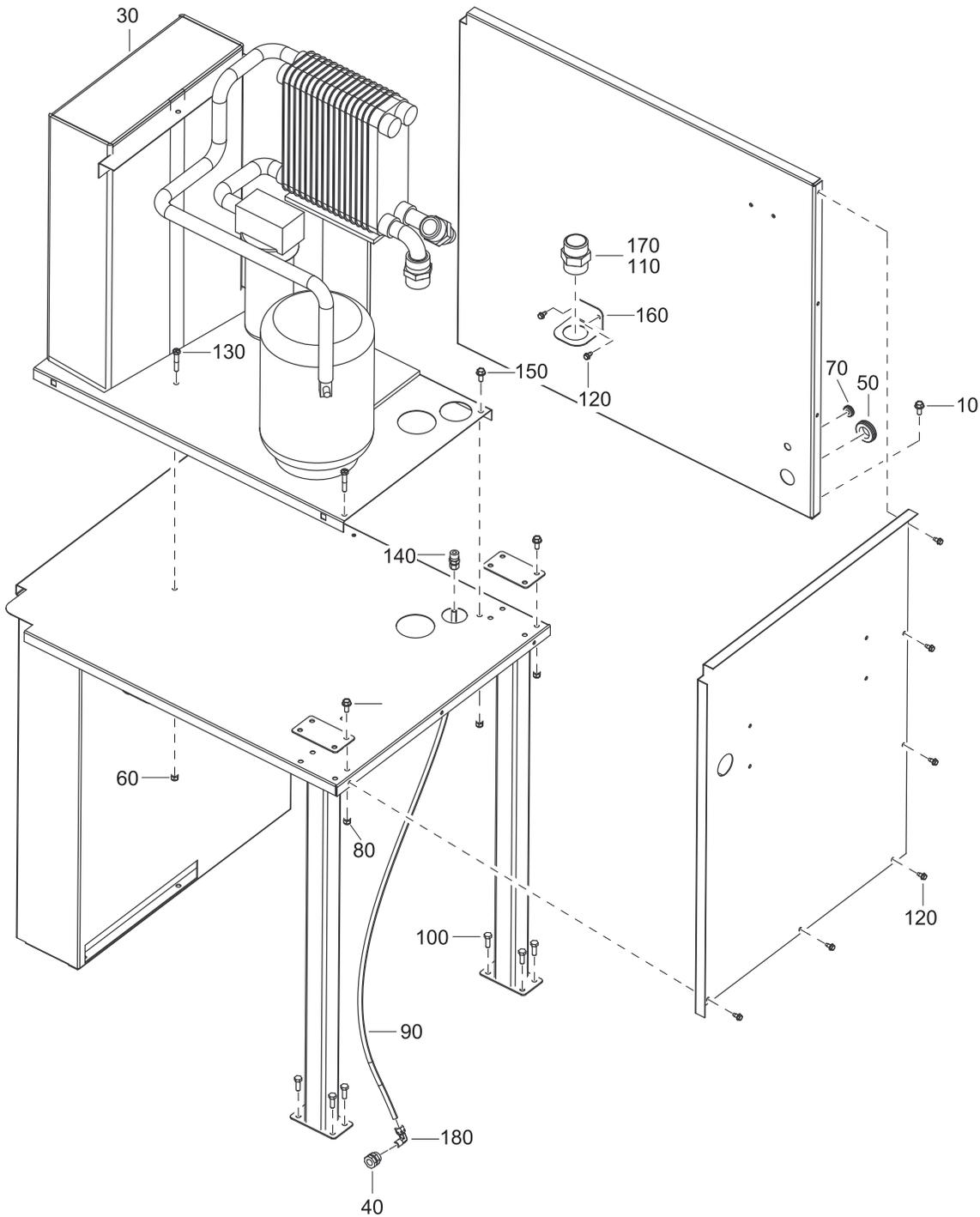
| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013304187 | GROMMET,RUBBER,1.00ID,1.38GD |
| 20 | 1 | 2013304186 | GROMMET,RUBBER,0.38ID,0.63GD |
| 30 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 40 | 1 | 2013800374 | DRYER,50HP,20/23V,3PH,60HZ |
| 50 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 60 | 3 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 70 | 1 | 2011015109 | GR,ELE,DRY,200/230V,QSI-50 HP |
| 80 | 1 | 2012102115 | KT,DRYER SHELF,QSI-245I/300I |
| 90 | 8 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 100 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 110 | 8 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 120 | 10 | 2014700430 | NUT,LOK,.31 NC,SAE 2,NONE |
| 130 | 1 | 2013305620 | BRACKET,UNION |
| 140 | 2 | 2025501345 | SCREW,CAP,CS,HEX ,ZN.31NCX1.75 |
| 150 | 1 | 2014701934 | FIT T,CONEC,FLLS,038NTX038MP |
| 160 | 1 | 2013305996 | TIE,CABLE,SELF LOCK,BLACK,14.5 |
| 170 | 1 | 2014700828 | FIT H,UNION,37DEG,188X188 |
| 180 | 1 | 2025500973 | NUT,LOK,.25 NC,SAE 2,NONE |
| 190 | 1 | 2010356493 | SCREW,CAP,CS,HEX ,ZN.25NCX1.50 |

DRYER ELECTRICAL CONTROL (NOT SHOWN) - LOCATED IN THE ELECTRICAL ENCLOSURE:

| | | |
|---|------------|--|
| 1 | 2014703676 | RELAY,SOCKET,15AMP/24VAC,DPDT |
| 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 1 | 1089941524 | CONTACTOR,120V |
| 1 | 1089941547 | CONTACTOR,120V (50 HP, 380/415/460/575 VOLT & 60 HP, 200/230/460/575 VOLT) |
| 3 | 2014702982 | FUSE,600/12.0TD,0.41DIAX1.50LG |
| 3 | 1089916851 | FUSE,600/7.50TD,0.41DIAX1.50LG |
| 3 | 2014703052 | FUSE,600/5.60TD,0.41DIAX1.50LG |
| 3 | 2014703055 | FUSE,600/20.0TD,0.41DIAX1.50LG |
| 3 | 2014703054 | FUSE,600/9.00TD,0.41DIAX1.50LG |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Dryer (optional) - 2011014315



Dryer (optional) - 2011014315

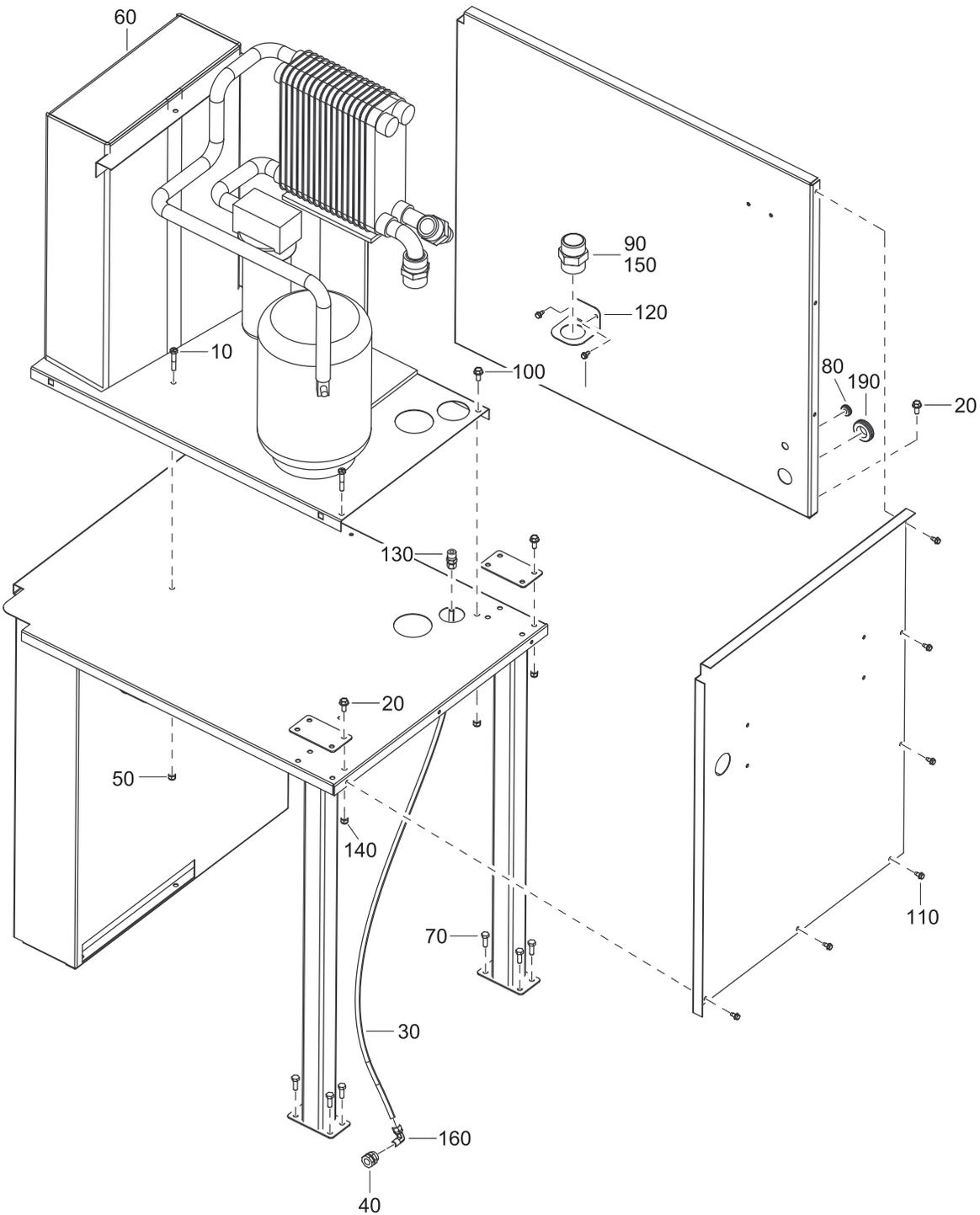
| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 8 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 20 | 1 | 2012102115 | KT,DRYER SHELF,QSI-245I/300I |
| 30 | 1 | 2013800357 | DRYER,40HP,575V,3PH,60HZ |
| 40 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 50 | 1 | 2013304187 | GROMMET,RUBBER,1.00ID,1.38GD |
| 60 | 1 | 2025500973 | NUT,LOK, .25 NC,SAE 2,NONE |
| 70 | 1 | 2013304186 | GROMMET,RUBBER,0.38ID,0.63GD |
| 80 | 10 | 2014700430 | NUT,LOK, .31 NC,SAE 2,NONE |
| 90 | 3 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 100 | 8 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 110 | 1 | 2014700828 | FIT H,UNION,37DEG,188X188 |
| 120 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 130 | 1 | 2010356493 | SCREW,CAP,CS,HEX ,ZN.25NCX1.50 |
| 140 | 1 | 2014701934 | FIT T,CONEC,FLLS,038NTX038MP |
| 150 | 2 | 2025501345 | SCREW,CAP,CS,HEX ,ZN.31NCX1.75 |
| 160 | 1 | 2013305620 | BRACKET,UNION |
| 170 | 1 | 2013305996 | TIE,CABLE,SELF LOCK,BLACK,14.5 |
| 180 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 190 | 1 | 2011015112 | GR,ELE,DRY, 575 V,QSI-50 HP |

DRYER ELECTRICAL CONTROL (NOT SHOWN) - LOCATED IN THE ELECTRICAL ENCLOSURE:

| | | |
|---|------------|--|
| 1 | 2014703676 | RELAY,SOCKET,15AMP/24VAC,DPDT |
| 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 1 | 1089941524 | CONTACTOR,120V |
| 1 | 1089941547 | CONTACTOR,120V (50 HP, 380/415/460/575 VOLT & 60 HP, 200/230/460/575 VOLT) |
| 3 | 2014702982 | FUSE,600/12.0TD,0.41DIAX1.50LG |
| 3 | 1089916851 | FUSE,600/7.50TD,0.41DIAX1.50LG |
| 3 | 2014703052 | FUSE,600/5.60TD,0.41DIAX1.50LG |
| 3 | 2014703055 | FUSE,600/20.0TD,0.41DIAX1.50LG |
| 3 | 2014703054 | FUSE,600/9.00TD,0.41DIAX1.50LG |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Dryer (optional) - 2011014316

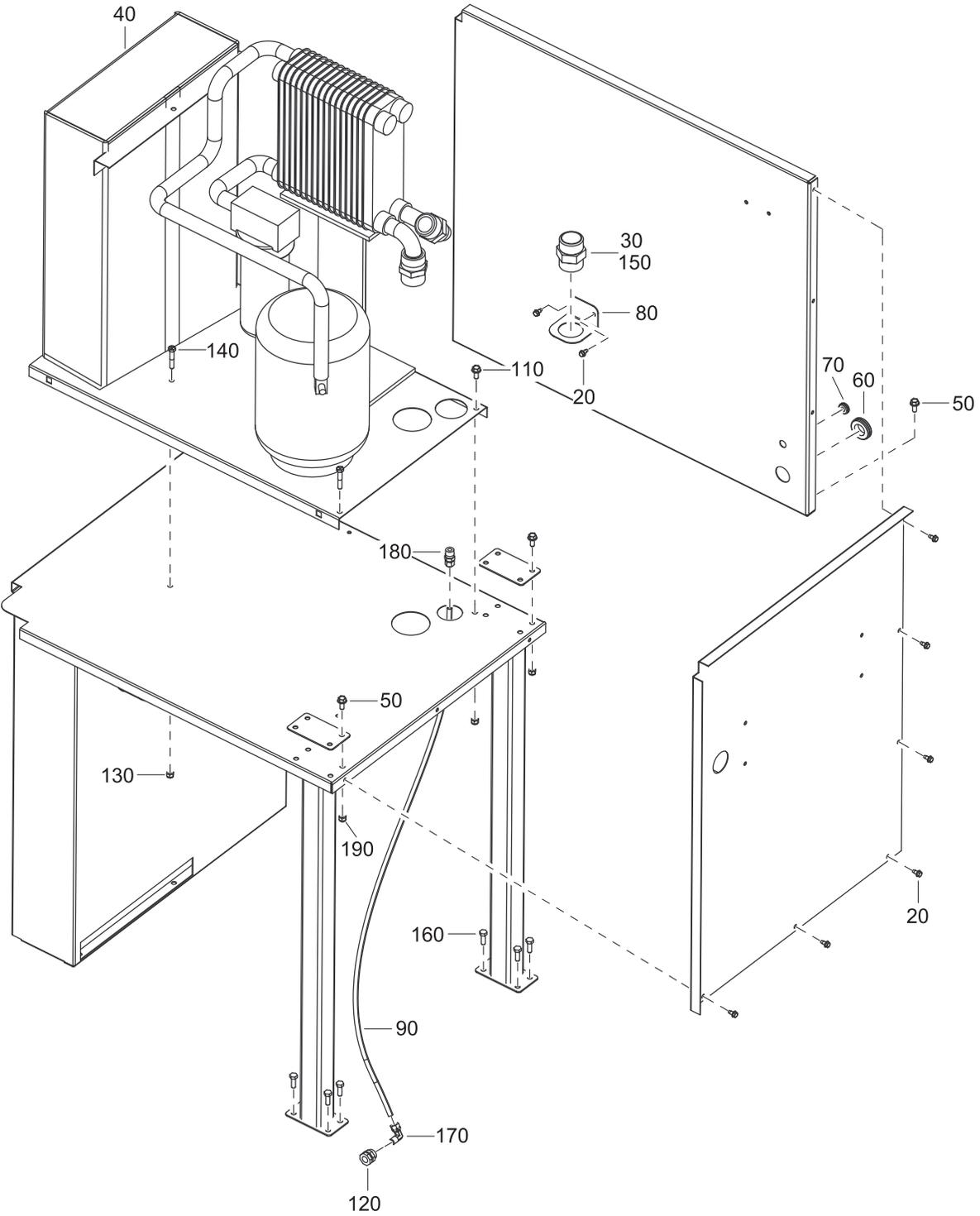


Dryer (optional) - 2011014316

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|---|------|-------------|--|
| 10 | 1 | 2010356493 | SCREW,CAP,CS,HEX ,ZN.25NCX1.50 |
| 20 | 8 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 30 | 3 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 40 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 50 | 1 | 2025500973 | NUT,LOK, .25 NC,SAE 2,NONE |
| 60 | 1 | 2013800375 | DRYER,50HP,38/41V,3PH,50HZ |
| 70 | 8 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 80 | 1 | 2013304186 | GROMMET,RUBBER,0.38ID,0.63GD |
| 90 | 1 | 2013305996 | TIE,CABLE,SELF LOCK,BLACK,14.5 |
| 100 | 2 | 2025501345 | SCREW,CAP,CS,HEX ,ZN.31NCX1.75 |
| 110 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 120 | 1 | 2013305620 | BRACKET,UNION |
| 130 | 1 | 2014701934 | FIT T,CONEC,FLLS,038NTX038MP |
| 140 | 10 | 2014700430 | NUT,LOK, .31 NC,SAE 2,NONE |
| 150 | 1 | 2014700828 | FIT H,UNION,37DEG,188X188 |
| 160 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 170 | 1 | 2011015110 | GR,ELE,DRY,380/415V,QSI-50 HP |
| 180 | 1 | 2012102115 | KT,DRYER SHELF,QSI-245I/300I |
| 190 | 1 | 2013304187 | GROMMET,RUBBER,1.00ID,1.38GD |
| DRYER ELECTRICAL CONTROL (NOT SHOWN) - LOCATED IN THE ELECTRICAL ENCLOSURE: | | | |
| | 1 | 2014703676 | RELAY,SOCKET,15AMP/24VAC,DPDT |
| | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| | 1 | 1089941524 | CONTACTOR,120V |
| | 1 | 1089941547 | CONTACTOR,120V (50 HP, 380/415/460/575 VOLT & 60 HP, 200/230/460/575 VOLT) |
| | 3 | 2014702982 | FUSE,600/12.0TD,0.41DIAX1.50LG |
| | 3 | 1089916851 | FUSE,600/7.50TD,0.41DIAX1.50LG |
| | 3 | 2014703052 | FUSE,600/5.60TD,0.41DIAX1.50LG |
| | 3 | 2014703055 | FUSE,600/20.0TD,0.41DIAX1.50LG |
| | 3 | 2014703054 | FUSE,600/9.00TD,0.41DIAX1.50LG |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Dryer (optional) - 2011014317

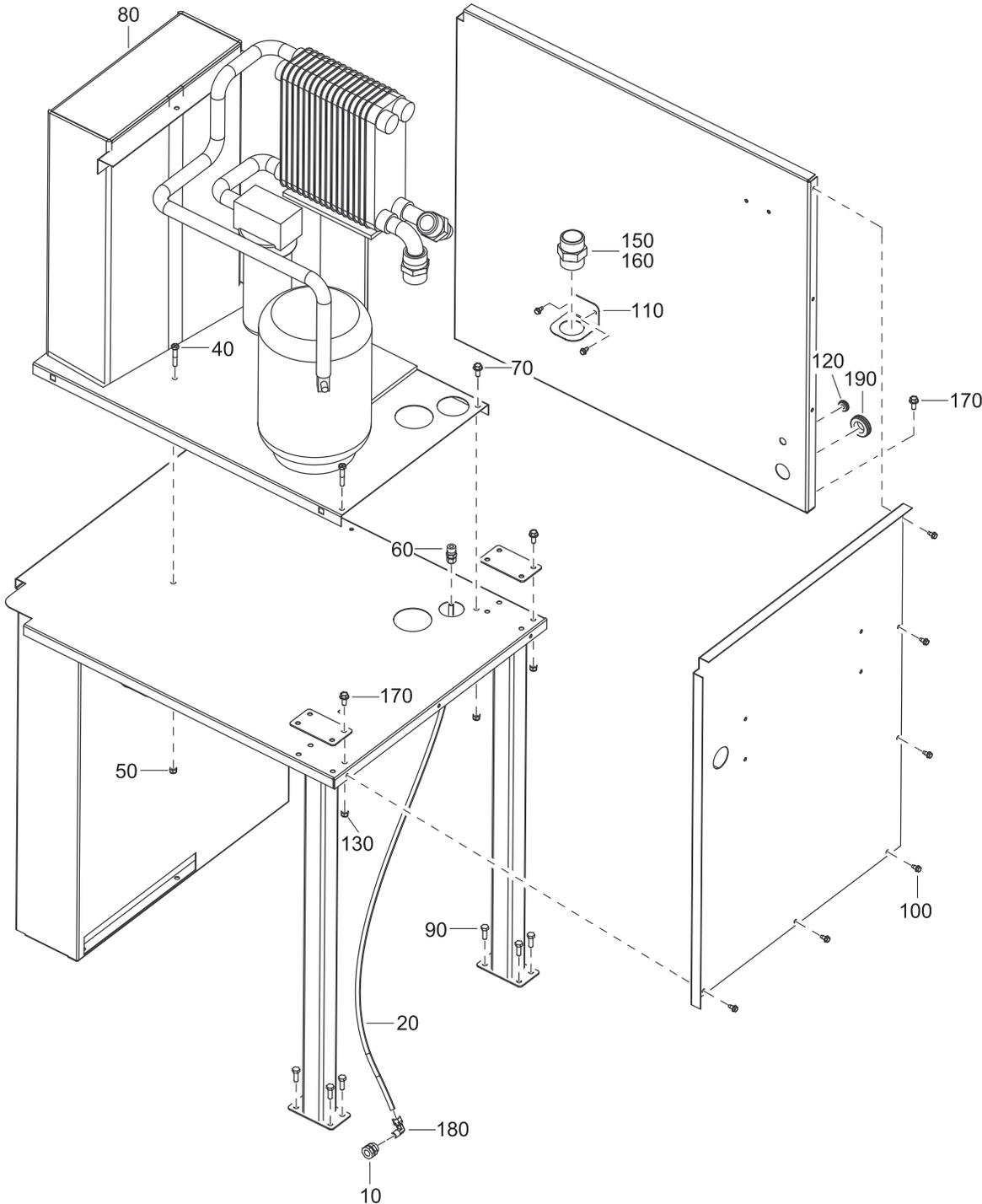


Dryer (optional) - 2011014317

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|---|------|-------------|--|
| 10 | 1 | 2012102115 | KT,DRYER SHELF,QSI-245I/300I |
| 20 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 30 | 1 | 2013305996 | TIE,CABLE,SELF LOCK,BLACK,14.5 |
| 40 | 1 | 2013800383 | DRYER,60HP,20/23V,3PH,60HZ |
| 50 | 8 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 60 | 1 | 2013304187 | GROMMET,RUBBER,1.00ID,1.38GD |
| 70 | 1 | 2013304186 | GROMMET,RUBBER,0.38ID,0.63GD |
| 80 | 1 | 2013305620 | BRACKET,UNION |
| 90 | 3 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 100 | 1 | 2011015113 | GR,ELE,DRY,200/230V,QSI-60 HP |
| 110 | 2 | 2025501345 | SCREW,CAP,CS,HEX ,ZN.31NCX1.75 |
| 120 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 130 | 1 | 2025500973 | NUT,LOK, .25 NC,SAE 2,NONE |
| 140 | 1 | 2010356493 | SCREW,CAP,CS,HEX ,ZN.25NCX1.50 |
| 150 | 1 | 2014700828 | FIT H,UNION,37DEG,188X188 |
| 160 | 8 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 170 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 180 | 1 | 2014701934 | FIT T,CONEC,FLLS,038NTX038MP |
| 190 | 10 | 2014700430 | NUT,LOK,.31 NC,SAE 2,NONE |
| DRYER ELECTRICAL CONTROL (NOT SHOWN) - LOCATED IN THE ELECTRICAL ENCLOSURE: | | | |
| | 1 | 2014703676 | RELAY,SOCKET,15AMP/24VAC,DPDT |
| | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| | 1 | 1089941524 | CONTACTOR,120V |
| | 1 | 1089941547 | CONTACTOR,120V (50 HP, 380/415/460/575 VOLT & 60 HP, 200/230/460/575 VOLT) |
| | 3 | 2014702982 | FUSE,600/12.0TD,0.41DIAX1.50LG |
| | 3 | 1089916851 | FUSE,600/7.50TD,0.41DIAX1.50LG |
| | 3 | 2014703052 | FUSE,600/5.60TD,0.41DIAX1.50LG |
| | 3 | 2014703055 | FUSE,600/20.0TD,0.41DIAX1.50LG |
| | 3 | 2014703054 | FUSE,600/9.00TD,0.41DIAX1.50LG |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Dryer (optional) - 2011014318

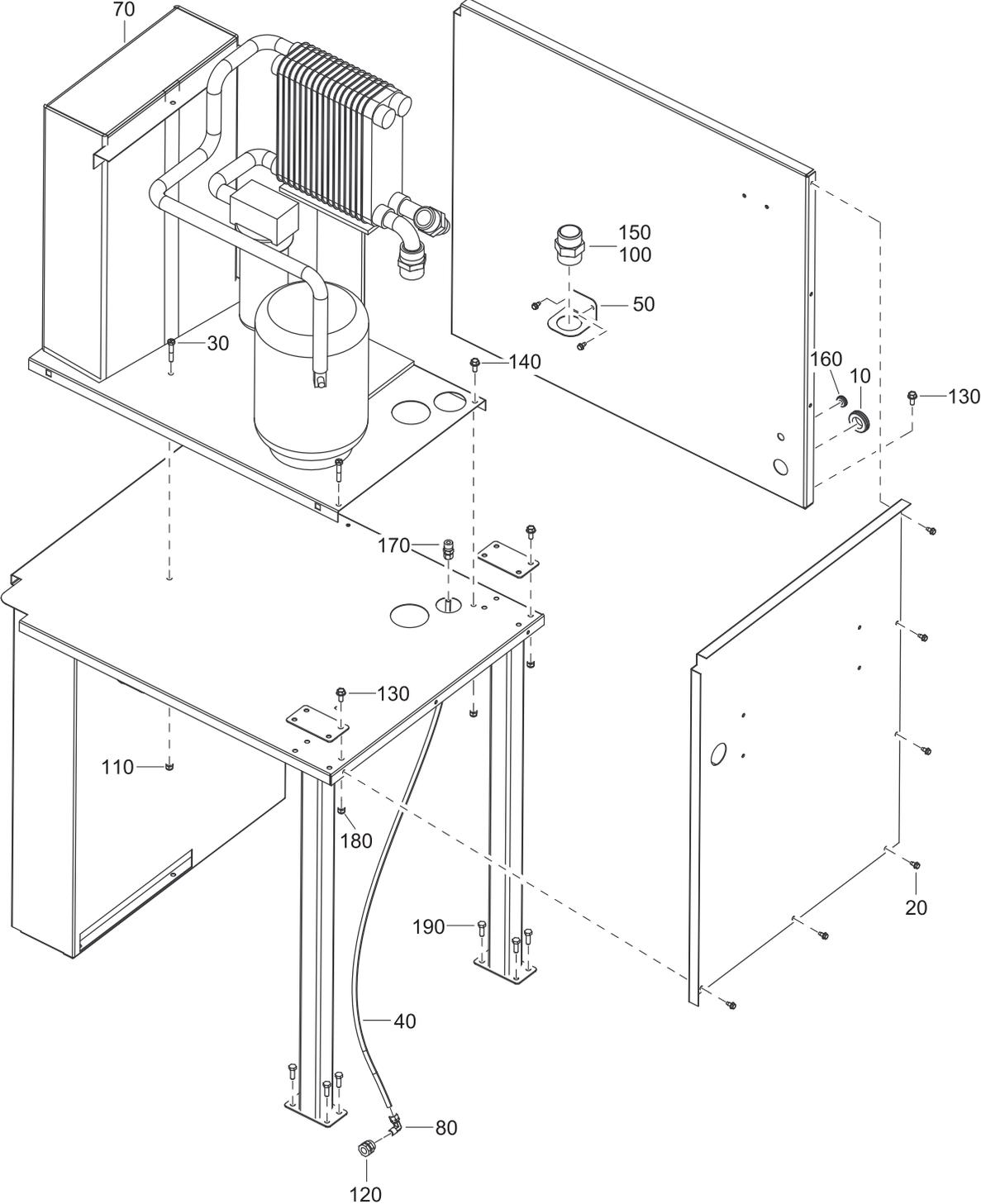


Dryer (optional) - 2011014318

| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|---|------|-------------|--|
| 10 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 20 | 3 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 30 | 1 | 2011015115 | GR,ELE,DRY, 460 V,QSI-60 HP |
| 40 | 1 | 2010356493 | SCREW,CAP,CS,HEX ,ZN.25NCX1.50 |
| 50 | 1 | 2025500973 | NUT,LOK, .25 NC,SAE 2,NONE |
| 60 | 1 | 2014701934 | FIT T,CONEC,FLLS,038NTX038MP |
| 70 | 2 | 2025501345 | SCREW,CAP,CS,HEX ,ZN.31NCX1.75 |
| 80 | 1 | 2013800385 | DRYER,60HP,460V,3PH,60HZ |
| 90 | 8 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 100 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 110 | 1 | 2013305620 | BRACKET,UNION |
| 120 | 1 | 2013304186 | GROMMET,RUBBER,0.38ID,0.63GD |
| 130 | 10 | 2014700430 | NUT,LOK, .31 NC,SAE 2,NONE |
| 140 | 1 | 2012102115 | KT,DRYER SHELF,QSI-245I/300I |
| 150 | 1 | 2013305996 | TIE,CABLE,SELF LOCK,BLACK,14.5 |
| 160 | 1 | 2014700828 | FIT H,UNION,37DEG,188X188 |
| 170 | 8 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 180 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 190 | 1 | 2013304187 | GROMMET,RUBBER,1.00ID,1.38GD |
| DRYER ELECTRICAL CONTROL (NOT SHOWN) - LOCATED IN THE ELECTRICAL ENCLOSURE: | | | |
| | 1 | 2014703676 | RELAY,SOCKET,15AMP/24VAC,DPDT |
| | 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| | 1 | 1089941524 | CONTACTOR,120V |
| | 1 | 1089941547 | CONTACTOR,120V (50 HP, 380/415/460/575 VOLT & 60 HP, 200/230/460/575 VOLT) |
| | 3 | 2014702982 | FUSE,600/12.0TD,0.41DIAX1.50LG |
| | 3 | 1089916851 | FUSE,600/7.50TD,0.41DIAX1.50LG |
| | 3 | 2014703052 | FUSE,600/5.60TD,0.41DIAX1.50LG |
| | 3 | 2014703055 | FUSE,600/20.0TD,0.41DIAX1.50LG |
| | 3 | 2014703054 | FUSE,600/9.00TD,0.41DIAX1.50LG |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Dryer (optional) - 2011014319



Dryer (optional) - 2011014319

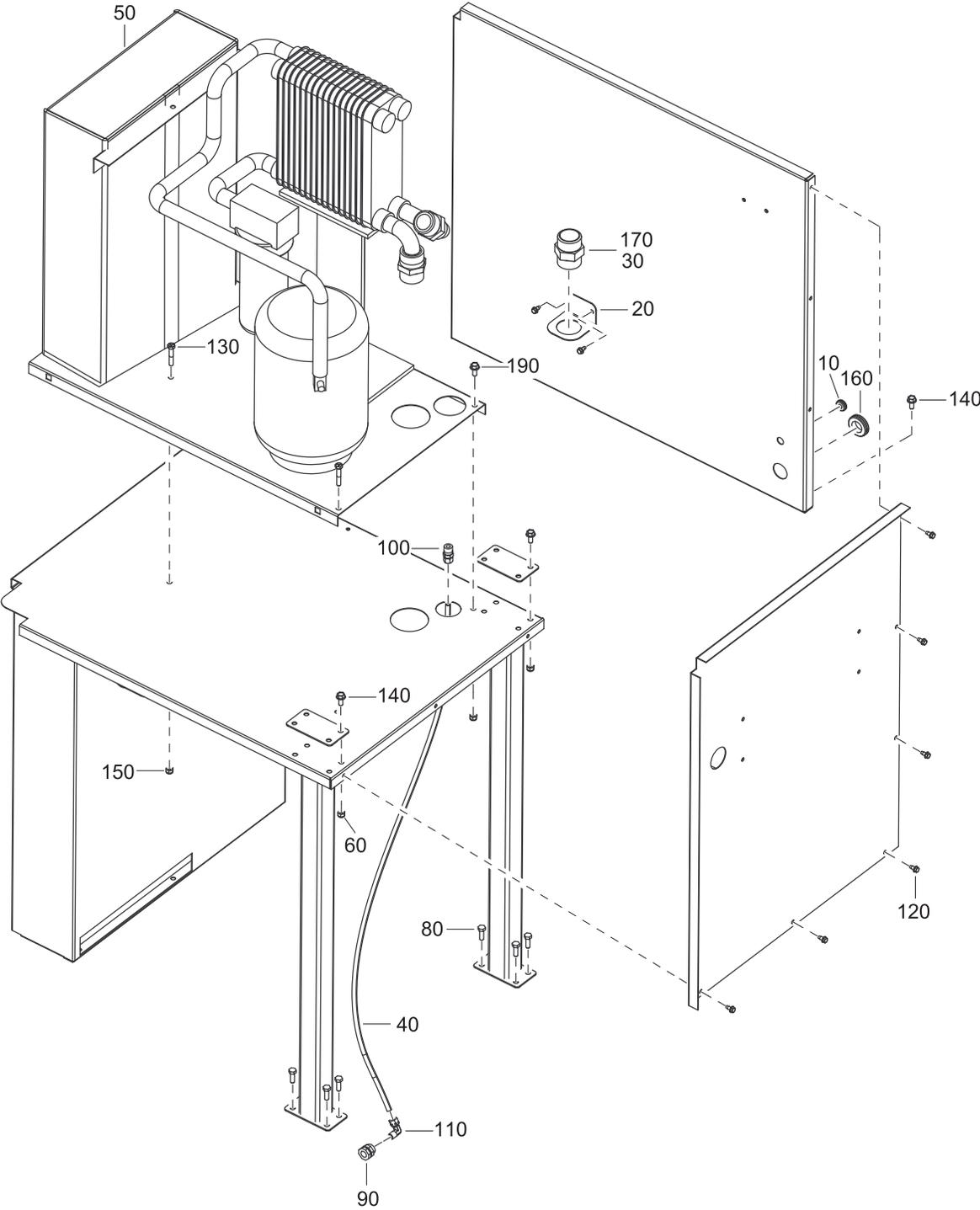
| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013304187 | GROMMET,RUBBER,1.00ID,1.38GD |
| 20 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 30 | 1 | 2010356493 | SCREW,CAP,CS,HEX ,ZN.25NCX1.50 |
| 40 | 3 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 50 | 1 | 2013305620 | BRACKET,UNION |
| 60 | 1 | 2012102115 | KT,DRYER SHELF,QSI-245I/300I |
| 70 | 1 | 2013800386 | DRYER,60HP,575V,3PH,60HZ |
| 80 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 90 | 1 | 2011015116 | GR,ELE,DRY, 575 V,QSI-60 HP |
| 100 | 1 | 2013305996 | TIE,CABLE,SELF LOCK,BLACK,14.5 |
| 110 | 1 | 2025500973 | NUT,LOK,.25 NC,SAE 2,NONE |
| 120 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 130 | 8 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 140 | 2 | 2025501345 | SCREW,CAP,CS,HEX ,ZN.31NCX1.75 |
| 150 | 1 | 2014700828 | FIT H,UNION,37DEG,188X188 |
| 160 | 1 | 2013304186 | GROMMET,RUBBER,0.38ID,0.63GD |
| 170 | 1 | 2014701934 | FIT T,CONEC,FLLS,038NTX038MP |
| 180 | 10 | 2014700430 | NUT,LOK,.31 NC,SAE 2,NONE |
| 190 | 8 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |

DRYER ELECTRICAL CONTROL (NOT SHOWN) - LOCATED IN THE ELECTRICAL ENCLOSURE:

| | | |
|---|------------|--|
| 1 | 2014703676 | RELAY,SOCKET,15AMP/24VAC,DPDT |
| 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 1 | 1089941524 | CONTACTOR,120V |
| 1 | 1089941547 | CONTACTOR,120V (50 HP, 380/415/460/575 VOLT & 60 HP, 200/230/460/575 VOLT) |
| 3 | 2014702982 | FUSE,600/12.0TD,0.41DIAX1.50LG |
| 3 | 1089916851 | FUSE,600/7.50TD,0.41DIAX1.50LG |
| 3 | 2014703052 | FUSE,600/5.60TD,0.41DIAX1.50LG |
| 3 | 2014703055 | FUSE,600/20.0TD,0.41DIAX1.50LG |
| 3 | 2014703054 | FUSE,600/9.00TD,0.41DIAX1.50LG |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Dryer (optional) - 2011014320



Dryer (optional) - 2011014320

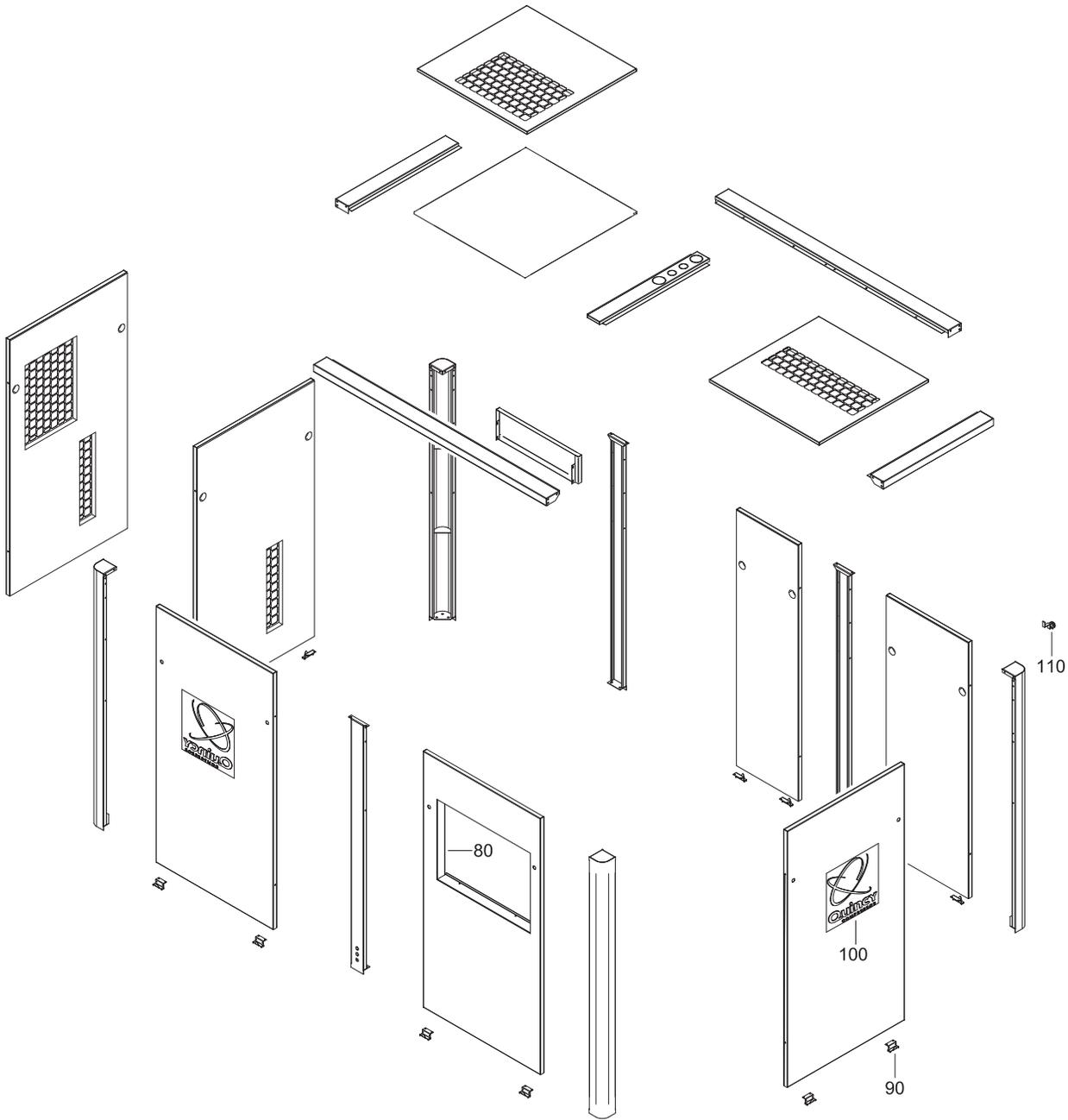
| ITEM No. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2013304186 | GROMMET,RUBBER,0.38ID,0.63GD |
| 20 | 1 | 2013305620 | BRACKET,UNION |
| 30 | 1 | 2013305996 | TIE,CABLE,SELF LOCK,BLACK,14.5 |
| 40 | 3 | 2014705167 | TUBE-FT,3/8 NYLON 11,BLACK |
| 50 | 1 | 2013800384 | DRYER,60HP,38/41V,3PH,50HZ |
| 60 | 10 | 2014700430 | NUT,LOK, .31 NC,SAE 2,NONE |
| 70 | 1 | 2012102115 | KT,DRYER SHELF,QSI-245I/300I |
| 80 | 8 | 2010356492 | SCREW,CAP,CS,HEX ,ZN,M08 X 25 |
| 90 | 1 | 2014701305 | FIT P,CPLG,BRASS,025X025BLKHD |
| 100 | 1 | 2014701934 | FIT T,CONEC,FLLS,038NTX038MP |
| 110 | 1 | 2014701665 | FIT T,ELBOW,FLLS,038NTX025MPX9 |
| 120 | 12 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 130 | 1 | 2010356493 | SCREW,CAP,CS,HEX ,ZN.25NCX1.50 |
| 140 | 8 | 2014700069 | SCREW,CAP,WHIZLOCK,5/16-18X.75 |
| 150 | 1 | 2025500973 | NUT,LOK, .25 NC,SAE 2,NONE |
| 160 | 1 | 2013304187 | GROMMET,RUBBER,1.00ID,1.38GD |
| 170 | 1 | 2014700828 | FIT H,UNION,37DEG,188X188 |
| 180 | 1 | 2011015114 | GR,ELE,DRY,380/415V,QSI-60 HP |
| 190 | 2 | 2025501345 | SCREW,CAP,CS,HEX ,ZN.31NCX1.75 |

DRYER ELECTRICAL CONTROL (NOT SHOWN) - LOCATED IN THE ELECTRICAL ENCLOSURE:

| | | |
|---|------------|--|
| 1 | 2014703676 | RELAY,SOCKET,15AMP/24VAC,DPDT |
| 1 | 2014000805 | HOLDER,FUSE,30A,L/IND,CL CC,3P |
| 1 | 1089941524 | CONTACTOR,120V |
| 1 | 1089941547 | CONTACTOR,120V (50 HP, 380/415/460/575 VOLT & 60 HP, 200/230/460/575 VOLT) |
| 3 | 2014702982 | FUSE,600/12.0TD,0.41DIAX1.50LG |
| 3 | 1089916851 | FUSE,600/7.50TD,0.41DIAX1.50LG |
| 3 | 2014703052 | FUSE,600/5.60TD,0.41DIAX1.50LG |
| 3 | 2014703055 | FUSE,600/20.0TD,0.41DIAX1.50LG |
| 3 | 2014703054 | FUSE,600/9.00TD,0.41DIAX1.50LG |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Cabinet (air-cooled) - 2011015007

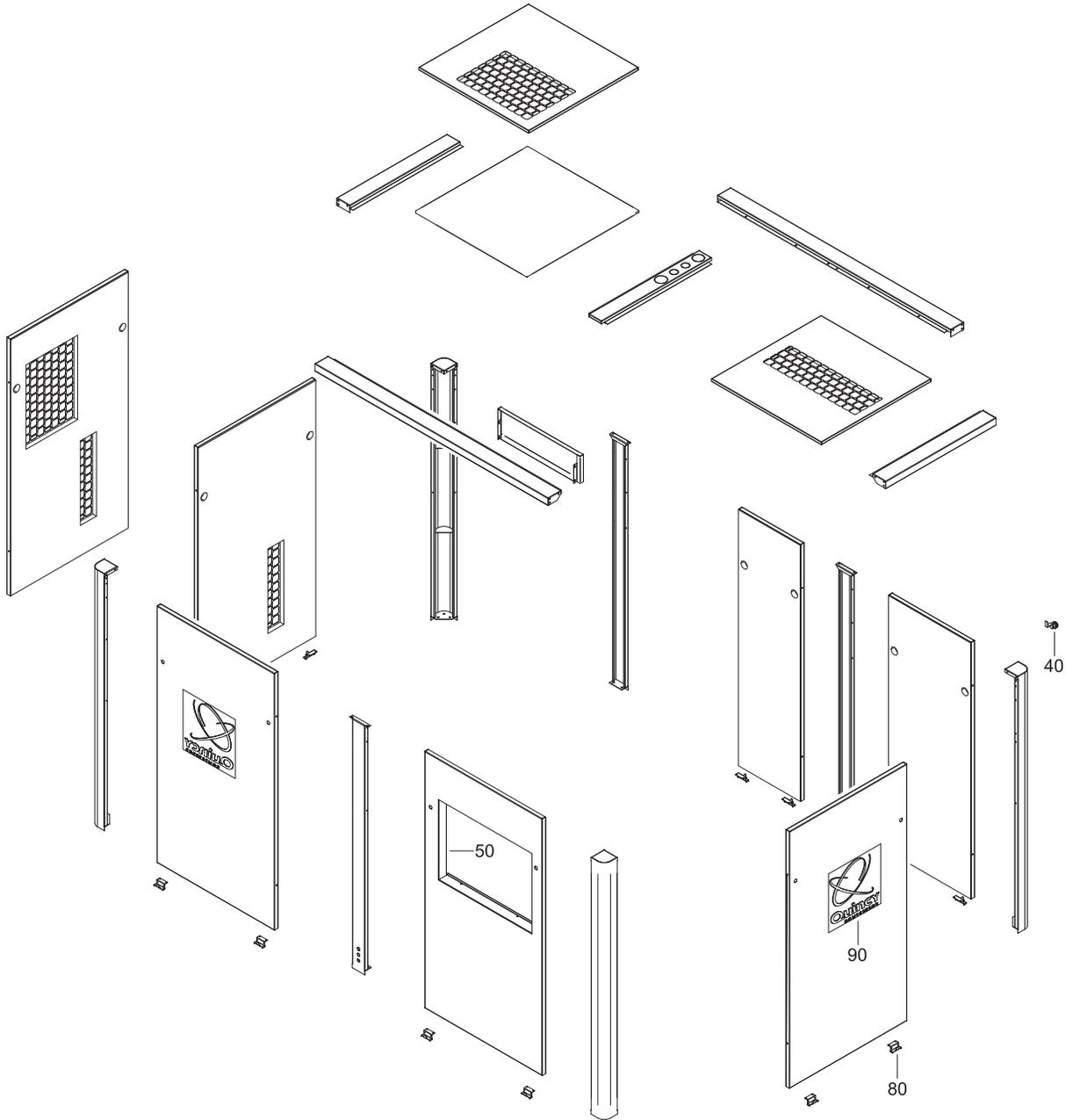


Cabinet (air-cooled) - 2011015007

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2011015015 | KT,CAB,QSI-245/300I,AC,L/DRY |
| 20 | 24 | 2013305609 | RIVET,CLOSED-END,.157DX.414L |
| 30 | | 2013305820 | ADHESIVE,INSTANT,1 OZ TUBE |
| 40 | 1 | 2011015013 | KT,CAB,QSI-245I/300I,CORE |
| 50 | 40 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 60 | 24 | 2013305799 | TRIM,DOOR,QSI-I/QGV-I |
| 70 | 18 | 2014700047 | SCREW,LOK,CS,HEX,ZN,M08 X 20 |
| 80 | 8 | 2013304349 | TRIM-FT,FLEXIBLE,.438D |
| 90 | 12 | 2013305549 | SUPPORT,DOOR |
| 100 | 3 | 2014100771 | DECAL,Q/QUINCY,15.00X13.66,WH |
| 110 | 10 | 2013303178 | LATCH,1/4 TURN,55MM |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Cabinet (air-cooled) - 2011015008

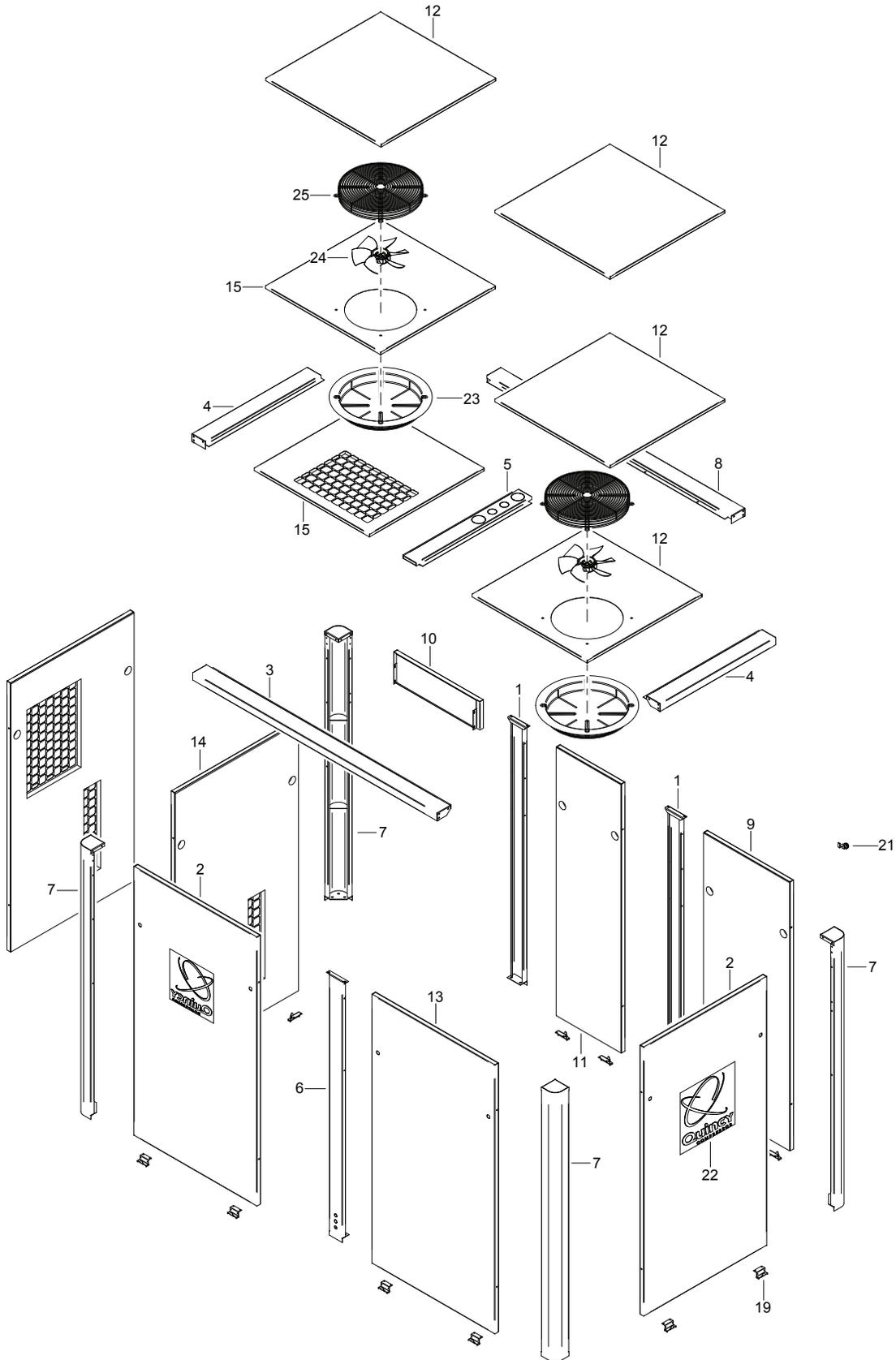


Cabinet (air-cooled) - 2011015008

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--------------------------------|
| 10 | 1 | 2011015013 | KT,CAB,QSI-245I/300I,CORE |
| 20 | 24 | 2013305609 | RIVET,CLOSED-END,.157DX.414L |
| 30 | 40 | 2010356474 | SCREW,TAP,CS,WASH,ZN.25NCX0.50 |
| 40 | 10 | 2013303178 | LATCH,1/4 TURN,55MM |
| 50 | 8 | 2013304349 | TRIM-FT,FLEXIBLE,.438D |
| 60 | 18 | 2014700047 | SCREW,LOK,CS,HEX,ZN,M08 X 20 |
| 70 | 1 | 2011015017 | KT,CAB,QSI-245/300I,AC,W/DRY |
| 80 | 12 | 2013305549 | SUPPORT,DOOR |
| 90 | 3 | 2014100771 | DECAL,Q/QUINCY,15.00X13.66,WH |

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

Cabinet (water-cooled) - 2011015009

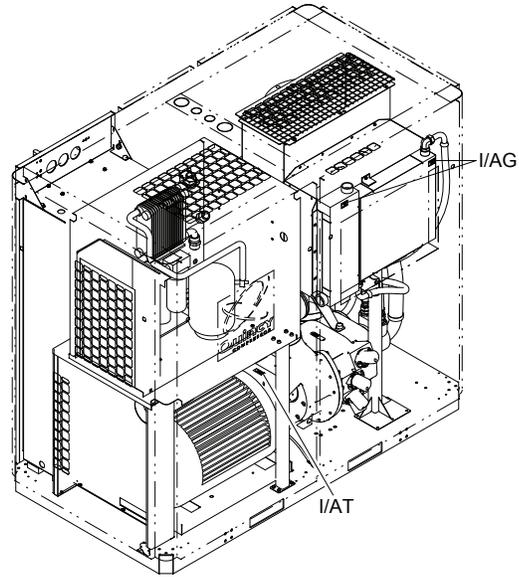
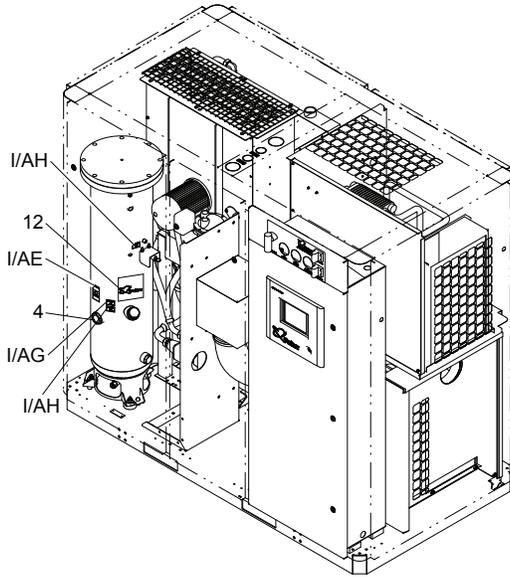
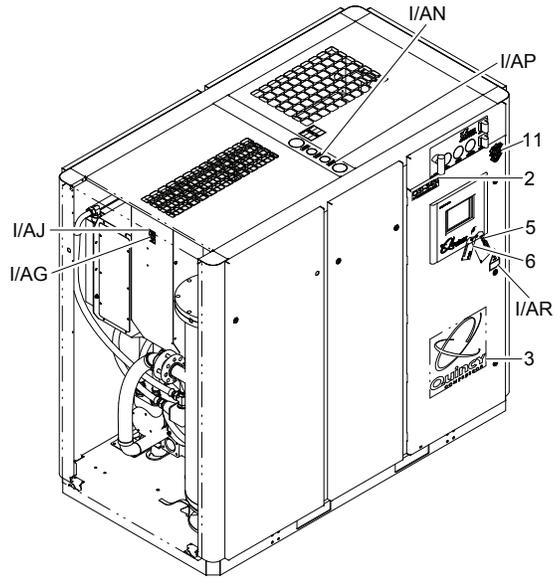
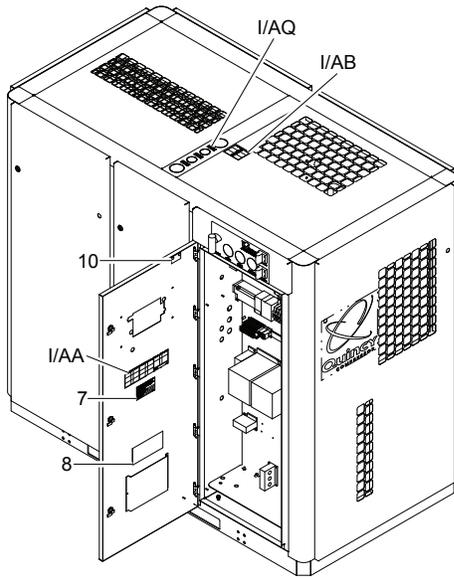


Cabinet (water-cooled) - 2011015009

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|--------|-------------|---|
| 1 | 2 | 2013305550 | CABINET POST PANEL |
| 2 | 2 | 2013305551 | DOOR PANEL |
| 3 | 1 | 2013305563 | ROOF SUPPORT PANEL |
| 4 | 2 | 2013305553 | ROOF SUPPORT PANEL |
| 5 | 1 | 2013305554 | CENTER ROOF SUPPORT PANEL |
| 6 | 1 | 2013305566 | CABINET POST PANEL |
| 7 | 4 | 2013305556 | CORNER POST PANEL |
| 8 | 1 | 2013305557 | ROOF SUPPORT PANEL |
| 9 | 1 | 2013305558 | DOOR PANEL |
| 10 | 1 | 2013305561 | COVER PANEL |
| 11 | 1 | 2013305562 | DOOR PANEL |
| 12 | 1 | 2013305565 | TOP PANEL (LESS DRYER OR WITH DRYER, TEFC) |
| | 1 | 2013305570 | TOP PANEL (WITH DRYER, ODP) |
| 13 | 1 | 2013305551 | DOOR PANEL |
| 14 | 1 | 2013305564 | VENTED DOOR PANEL (LESS DRYER) |
| | 1 | 2013305559 | VENTED DOOR PANEL (WITH DRYER) |
| 15 | 1 | 2013305570 | TOP PANEL (LESS DRYER, ODP) |
| | 1 | 2013305560 | TOP PANEL (WITH DRYER, ODP) |
| | 1 | 2013305565 | TOP PANEL (LESS DRYER, TEFC) |
| | 1 | 2013305560 | TOP PANEL (WITH DRYER, TEFC) |
| 16 | 18 | 2014700047 | CAP SCREW-ZINC, 8 MM X 20 MM |
| 17 | 40 | 2010356474 | HEX HEAD SCREW-ZINC, 1/4-20 UNC X 0.50 |
| 18 | 8.0 FT | 2013304349 | PAN EL TRIM |
| 19 | 12 | 2013305549 | DOOR SUPPORT |
| 20 | 24 | 2013305609 | RIVET |
| 21 | 10 | 2013303178 | QUARTER TURN DOOR LATCH |
| 22 | 3 | 2014100771 | DECAL-Q/QUINCY, WHITE (15 INCH) |
| 23* | 1 | 2013600231 | FAN GUARD |
| 24* | 1 | 2013600280 | FAN -6 BLADE, 15.0 O.D. |
| 25* | 1 | 2013600245 | FAN GUARD |
| 26* | 8 | 2025501527 | FLAT WASHER-0.31 |
| 27* | 4 | 2025500920 | SELF-LOCKING HEX NUT-ZINC, 5/16-18 UNC |
| 28* | 4 | 2025501349 | CAP SCREW-ZINC, 3/8-16 UNC X 1.00, GRAD E 5 (@ 23 FT-LBS) |
| 29* | 4 | 2025501528 | FLAT WASHER-0.38 |
| 30* | 4 | 2025501568 | LOCKWASHER-ZINC, 0.38 |
| 31* | 4 | 2025501343 | CAP SCREW-ZINC, 5/16-18 UNC X 1.25, GRAD E 5 (@ 13 FT-LBS) |

* REFERENCE DRAWING NOTE.

@ INDICATES TORQUE VALUE IN FOOT POUNDS (LUBRICATED THREADS).

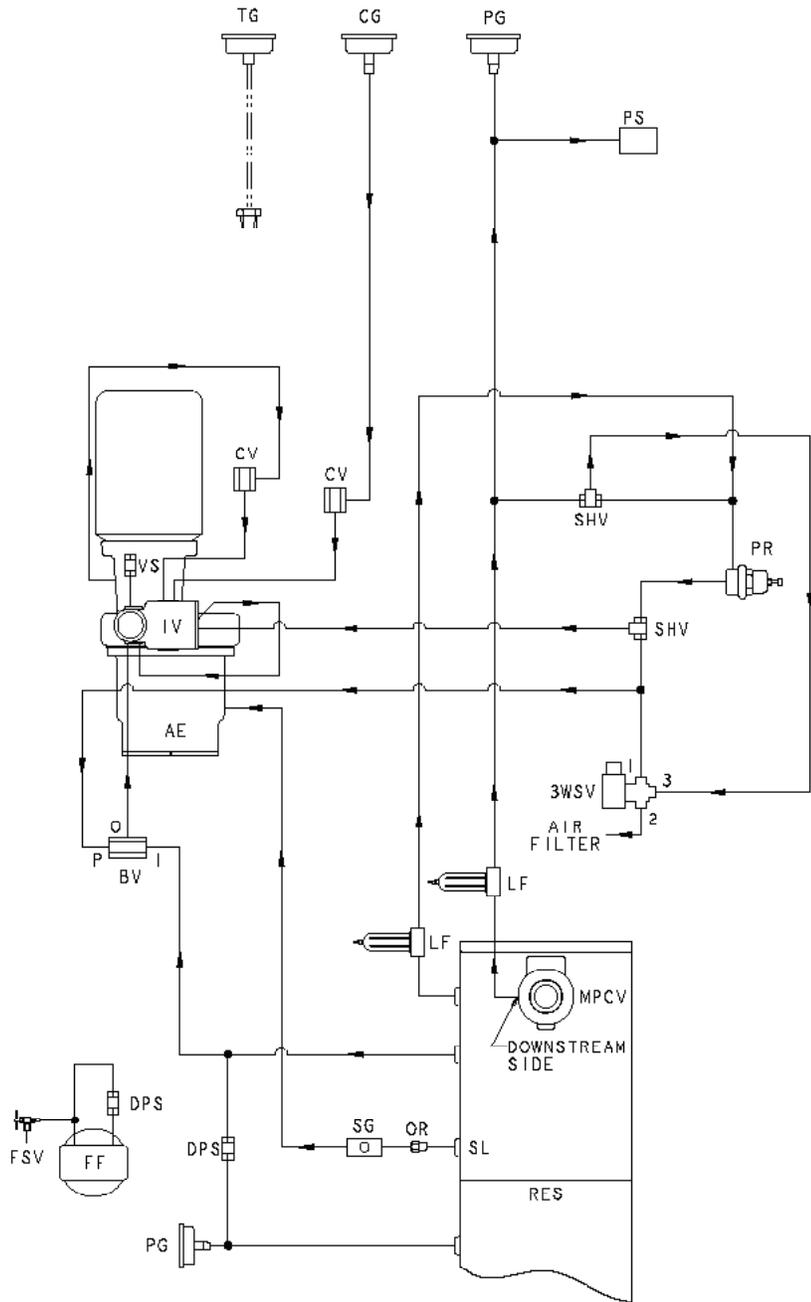


Decals - 2011004155 - 220i/245i/250i/300i

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION |
|----------|------|-------------|--|
| 1 | 1 | 1627456231 | SAFETY DECAL SHEET |
| 2 | 1 | 2014100687 | DECAL-QSI-220I |
| | 1 | 2014100689 | DECAL-QSI-245I |
| | 1 | 2014100691 | DECAL-QSI-250I |
| | 1 | 2014100693 | DECAL-QSI-300I |
| 3 | 1 | 2014100771 | DECAL-Q/QUINCY, WHITE (15 INCH) |
| 4 | 1 | 2014100526 | FLUID LEVEL DECAL |
| 5 | 1 | 1627409012 | CAUTION TAG-JOG MOTOR |
| 6 | 1 | 1627409076 | TAG -FLUID TYPE SHIPPED WITH UNIT |
| 7 | 1 | 2010356485 | GENUINE QUINCY COMPONENTS LABEL |
| 8 | 1 | 1627456001 | P LASTIC ENVELOPE |
| 9 | 1 | 1627409013 | TAG -PLUGS REMOVED... (USED ON W/C ONLY, NOT SHOWN) |
| 10 | 1 | 2024102600 | DECAL-CONTROL PANEL, UL LISTED |
| 11 | 1 | 2014100783 | DECAL-ROYAL BLUE WARRANTY |
| 12 | 1 | 1627409049 | DECAL-THIS MACHINE PROTECTED WITH QUINSYN PG™ |
| | 1 | 1627409050 | DECAL-THIS MACHINE PROTECTED WITH QUINSYN PLUS |
| | 1 | 2014100428 | DECAL-THIS MACHINE PROTECTED WITH QUINSYN XP® |
| | 1 | 1627409006 | DECAL-THIS MACHINE PROTECTED WITH QUINSYN-F® |

Control Schematic (standard PLC control)

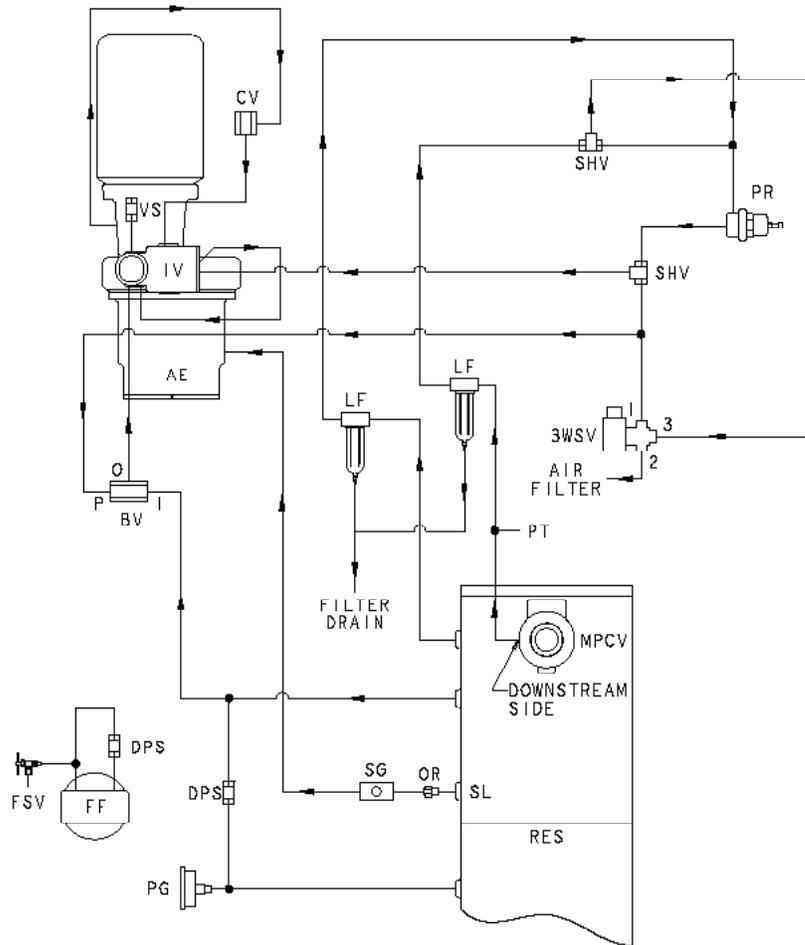
147245-1



- | | | | |
|------|------------------------------|------|----------------------|
| AE | AIREND | PG | PRESSURE GAUGE |
| BV | BLOWDOWN VALVE | PS | PRESSURE SWITCH |
| CG | CAPACITY GAUGE | RES | RESERVOIR |
| CV | CAPACITY VALVE | SG | SIGHTGLASS |
| DPS | DIFFERENTIAL PRESSURE SWITCH | SHV | SHUTTLE VALVE |
| FF | FLUID FILTER | SL | SCAVENGE LINE |
| FSV | FLUID SAMPLE VALVE | TG | TEMPERATURE GAUGE |
| IV | INLET VALVE | VS | VACUUM SWITCH |
| LF | LINE FILTER | 3WSV | 3-WAY SOLENOID VALVE |
| MPCV | MINIMUM PRESSURE CHECK VALVE | | |
| OR | ORIFICE | | |

Control Schematic (electronic control)

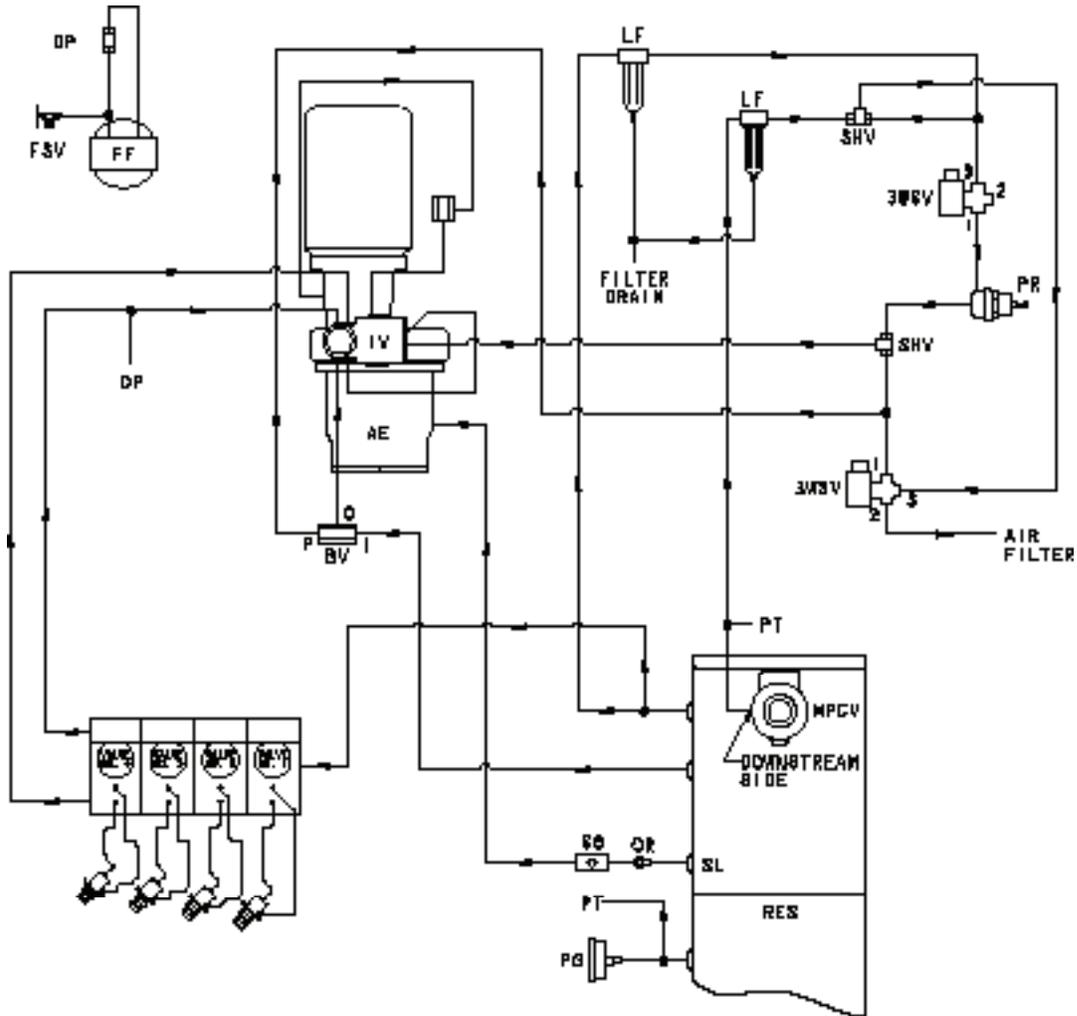
146572-1



- | | | | |
|------|------------------------------|------|----------------------|
| AE | AIREND | PG | PRESSURE GAUGE |
| BV | BLOWDOWN VALVE | PT | PRESSURE TRANSDUCER |
| CV | CAPACITY VALVE | RES | RESERVOIR |
| DPS | DIFFERENTIAL PRESSURE SWITCH | SG | SIGHTGLASS |
| FF | FLUID FILTER | SHV | SHUTTLE VALVE |
| FSV | FLUID SAMPLE VALVE | SL | SCAVENGE LINE |
| IV | INLET VALVE | VS | VACUUM SWITCH |
| MPCV | MINIMUM PRESSURE CHECK VALVE | 3WSV | 3-WAY SOLENOID VALVE |
| OR | ORIFICE | | |

Control Schematic (PowerSync control)

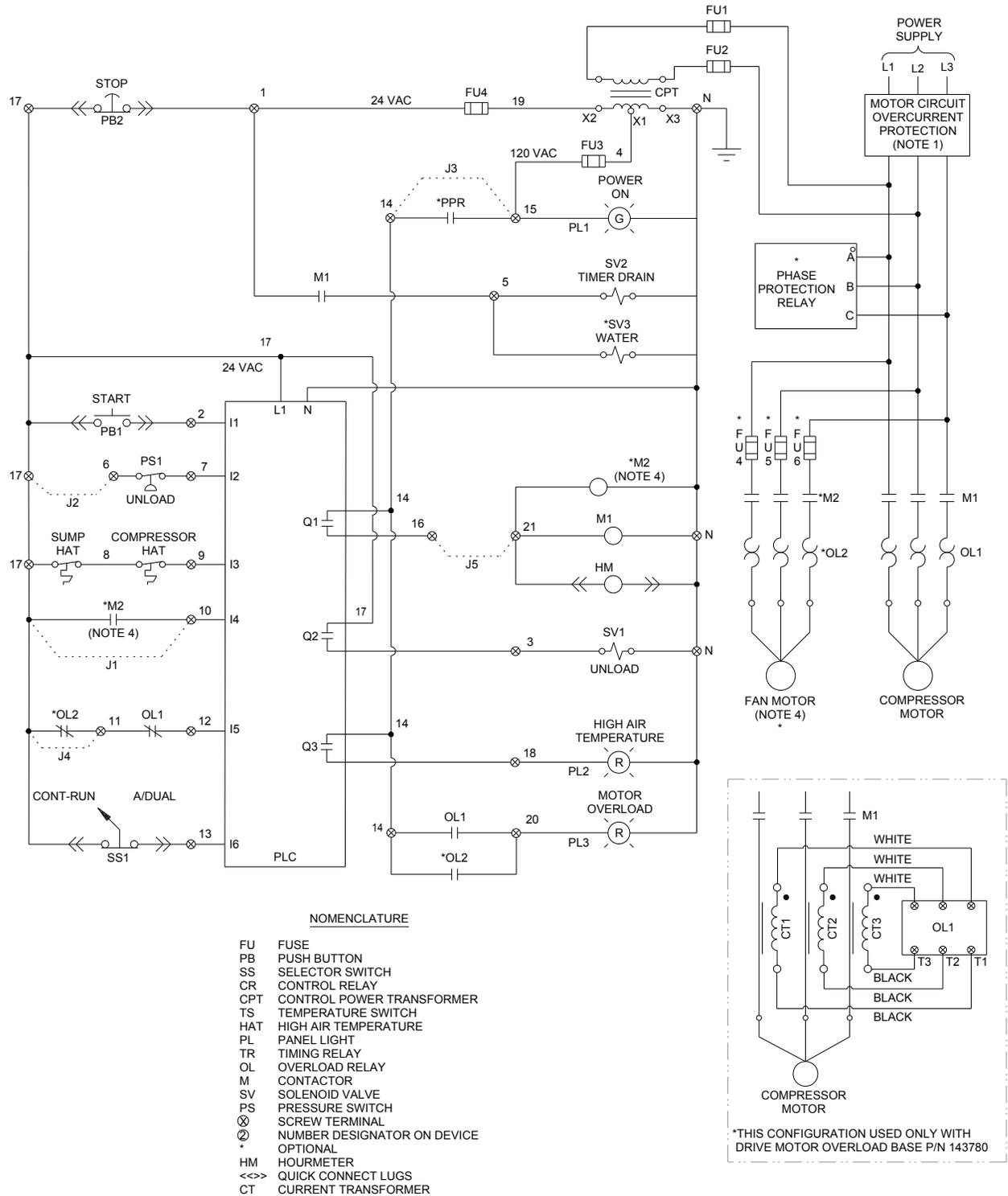
146573-1



- AE AIR END
- BV BLOWDOWN VALVE
- CV CAPACITY VALVE
- DP DIFFERENTIAL PRESSURE SWITCH
- FF FLUID FILTER
- FBV FLUID SAMPLE VALVE
- IV INLET VALVE
- LF LINE FILTER
- MPCV MINIMUM PRESSURE CHECK VALVE
- OR ORIFICE
- PG PRESSURE GAUGE
- PR PRESSURE REGULATOR
- RES RESERVOIR
- SHV SHUTTLE VALVE
- SL SCAVENGE LINE
- 3WSV 3-WAY SOLENOID VALVE

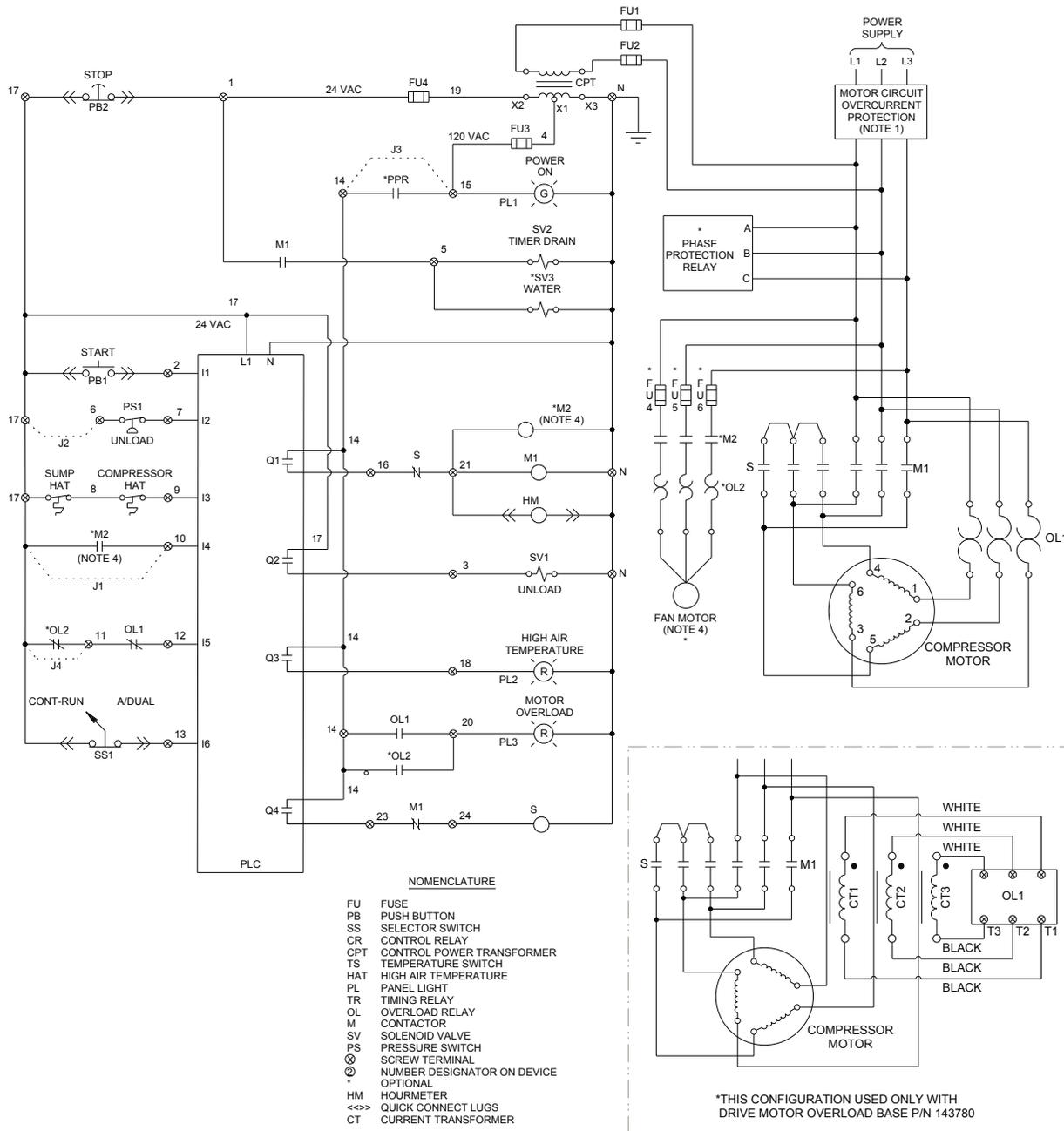
Electrical Control Diagram (PLC, auto dual, full voltage)

WP2060A



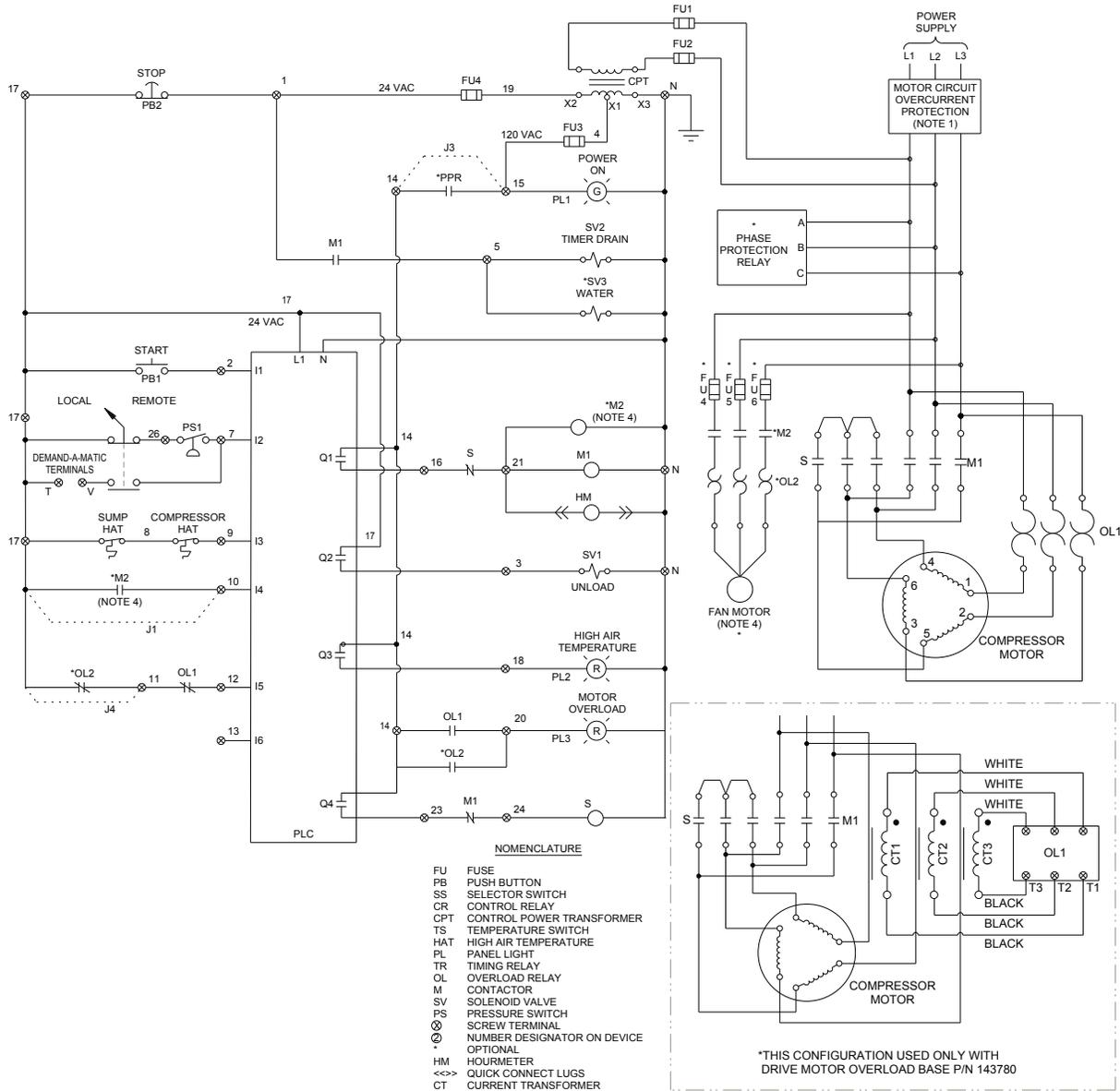
Electrical Control Diagram (PLC, auto dual, wye-delta)

WP2060A1



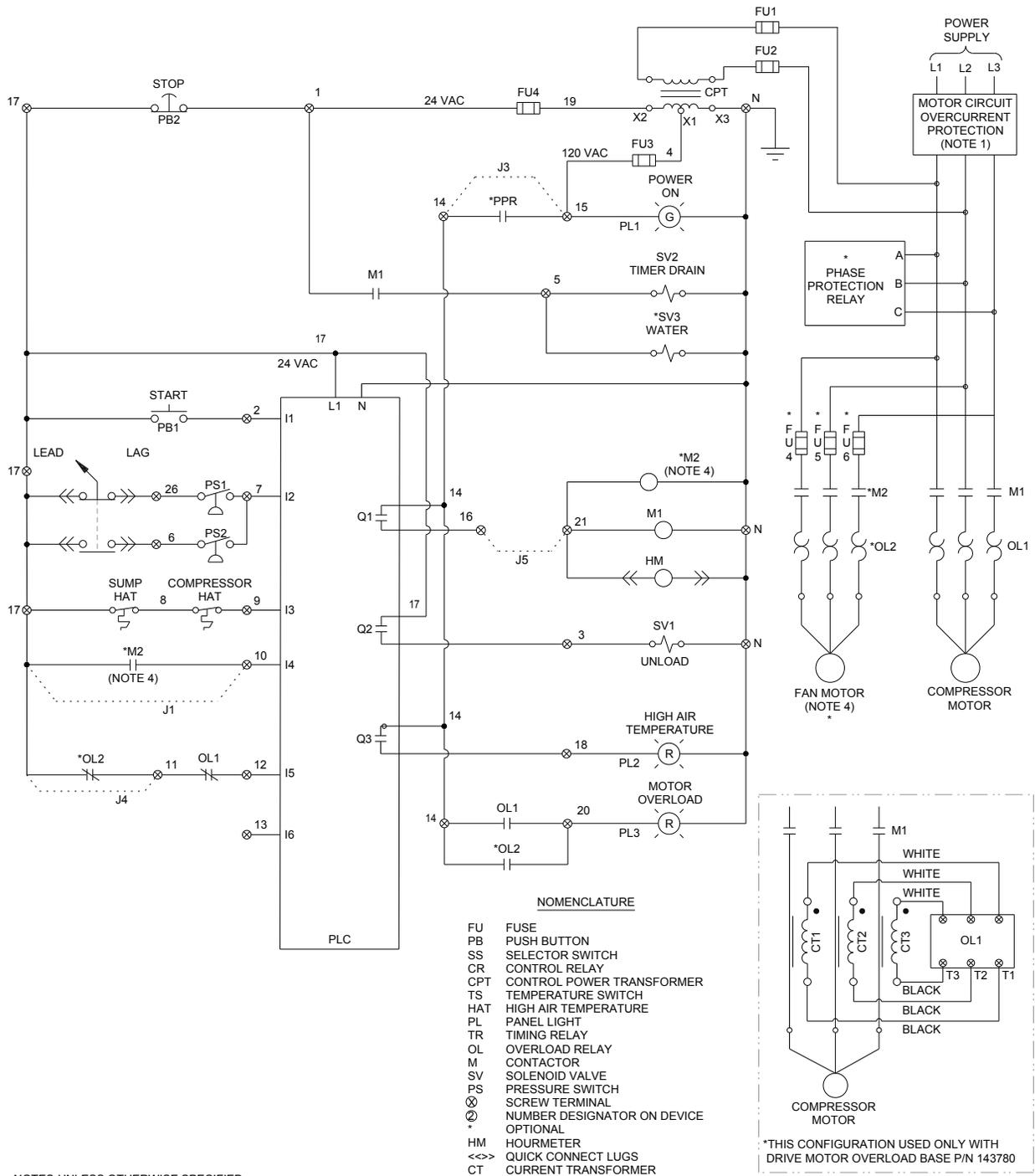
Electrical Control Diagram (PLC, auto demand, wye-delta)

WP2060B1



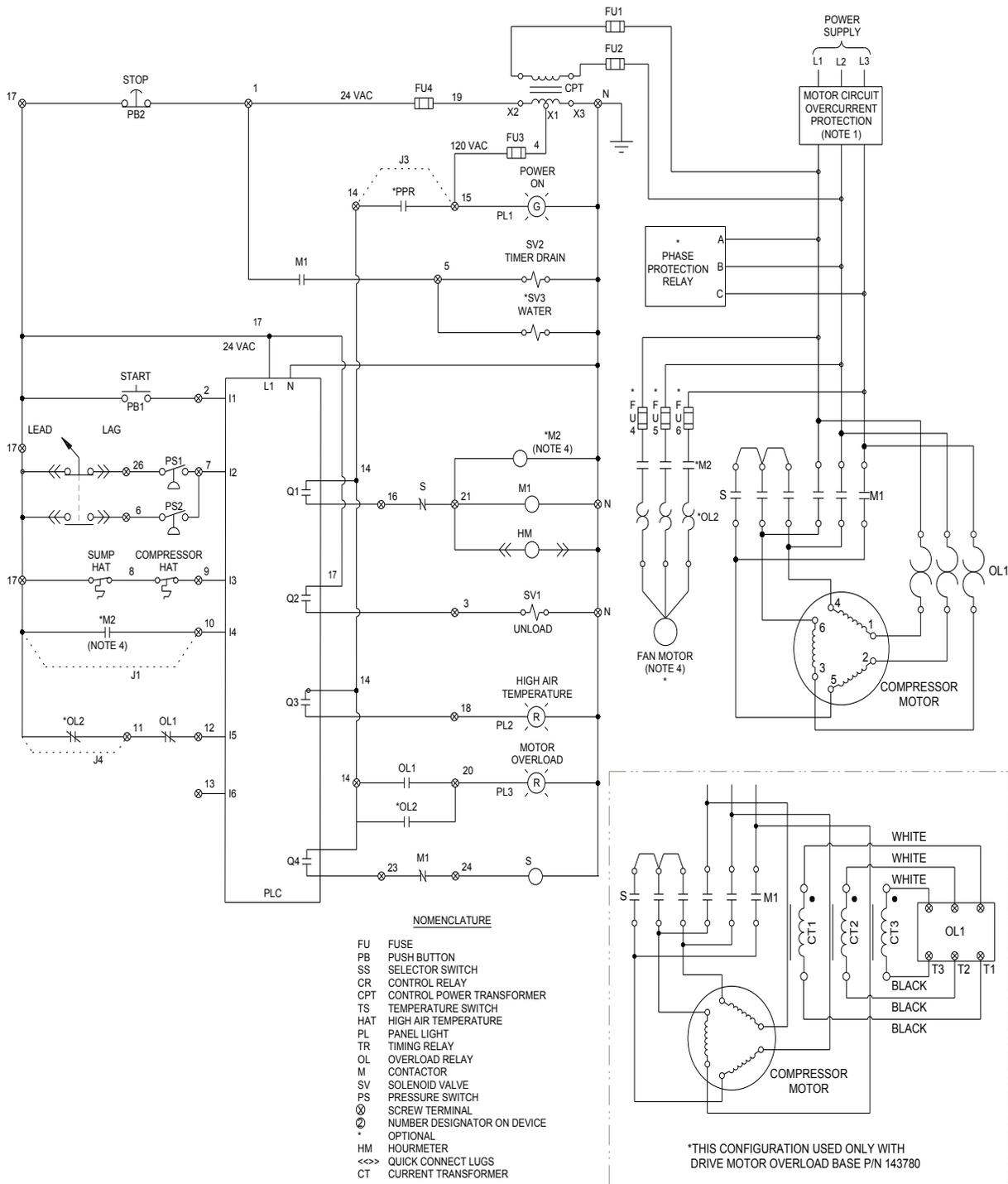
Electrical Control Diagram (PLC, lead/lag, full voltage)

WP2060D



Electrical Control Diagram (PLC, lead/lag, wye-delta)

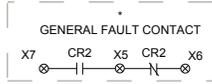
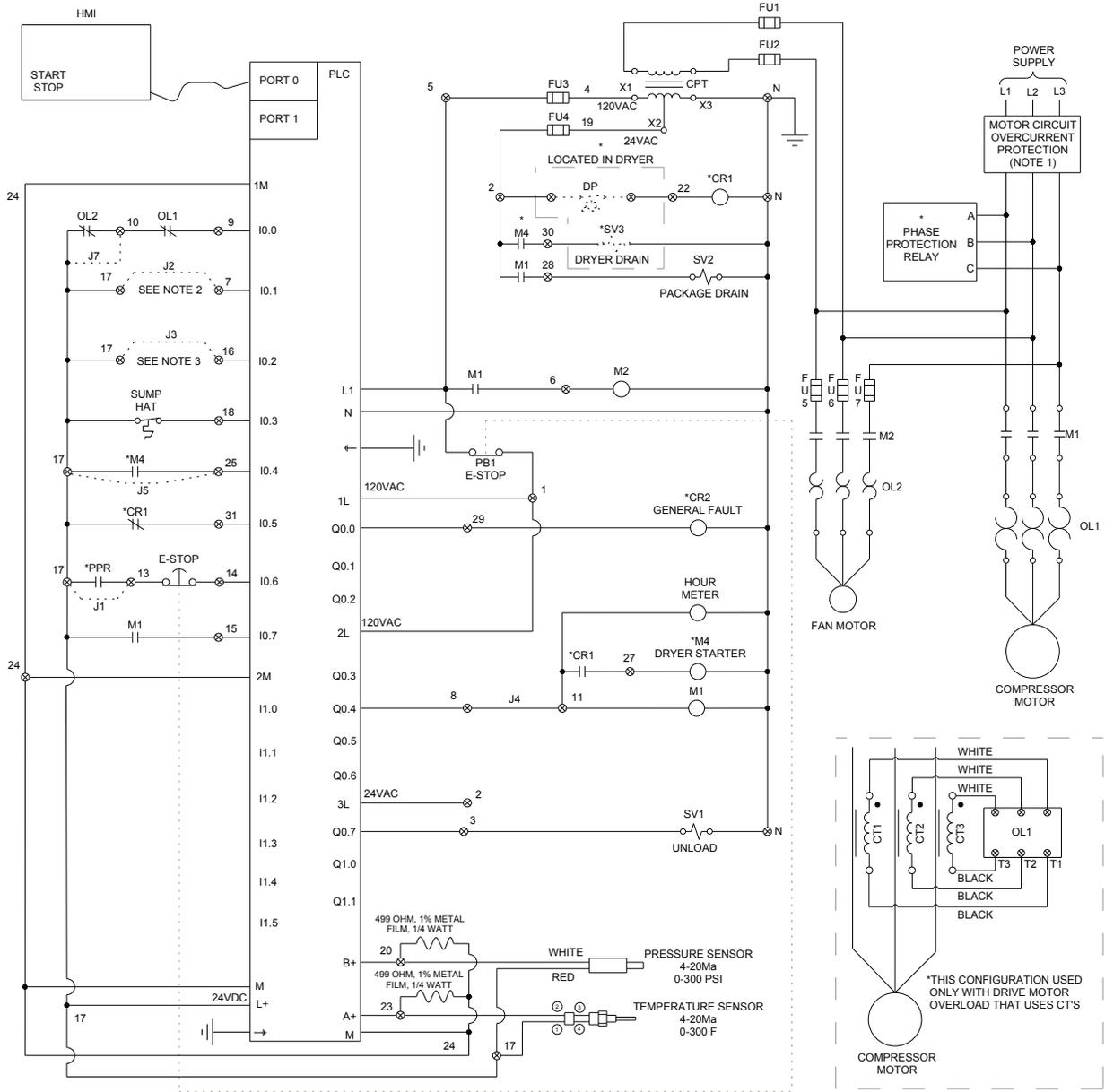
WP2060D1



- NOTES-UNLESS OTHERWISE SPECIFIED:
- 1) AT INSTALLATION, CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERLOAD PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
 - 2) ALL WIRES ARE RED WITH THE FOLLOWING EXCEPTIONS: "N" WIRES ARE WHITE AND "G" WIRES ARE GREEN.
 - 3) ALL PUSH BUTTONS, SELECTOR SWITCHES, HOURLY METER & INDICATOR LIGHTS ARE LOCATED IN THE ANNUNCIATOR PANEL.
 - 4) FAN MOTOR USED ON ALL AIR-COOLED UNITS AND ON WATER-COOLED UNITS WITH CABINET VENT FAN.
 - 5) PS1 MUST NOT BE ADJUSTED TO CAUSE MOTOR LOAD TO EXCEED MOTOR NAMEPLATE. PS2 IS SET 5 PSIG LESS THAN PS1.

Electrical Control Diagram (electronic control, less P\$, auto dual, full voltage)

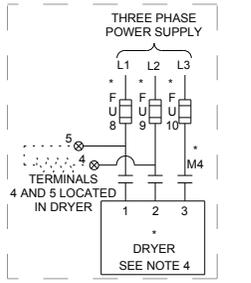
WP2048A



NOMENCLATURE

- FU FUSE
- PB PUSH BUTTON
- SS SELECTOR SWITCH
- CR CONTROL RELAY
- CPT CONTROL POWER TRANSFORMER
- TS TEMPERATURE SENSOR
- HAT HIGH AIR TEMPERATURE
- PLC PROGRAMMABLE LOGIC CONTROLLER
- M CONTACTOR
- SV SOLENOID VALVE
- PS PRESSURE SENSOR
- ⊗ SCREW TERMINAL
- ⊙ NUMBER DESIGNATOR ON DEVICE
- * OPTIONAL
- HMI HUMAN MACHINE INTERFACE

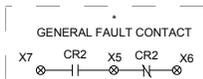
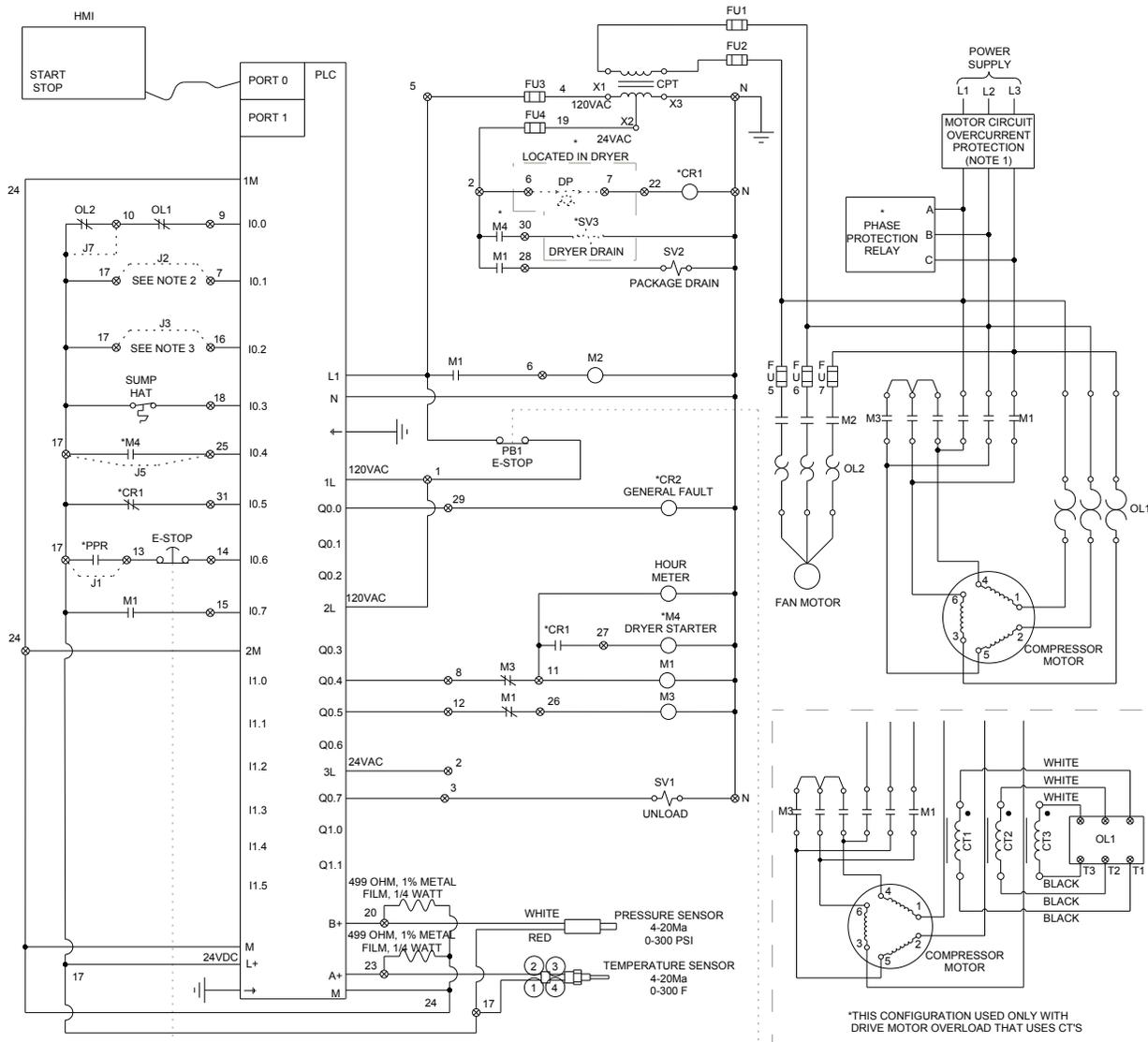
- NOTES-UNLESS OTHERWISE SPECIFIED:
- 1) AT INSTALLATION, CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERLOAD PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
 - 2) TO ENABLE REMOTE START REMOVE J2. UNIT MUST BE LOCALLY STARTED BEFORE REMOTE INPUT WILL WORK. WHEN CONTACT BETWEEN 17 AND 7 IS CLOSED THE UNIT WILL START.
 - 3) TO ENABLE REMOTE UNLOAD REMOVE J3. WHEN CONTACT BETWEEN 17 AND 16 IS CLOSED THE UNIT WILL LOAD.
 - 4) DRYERS WILL BE THE SAME THREE PHASE VOLTAGE AS THE UNIT.



Electrical Control Diagram

(electronic control, less P\$, auto dual, wye-delta)

WP2048B

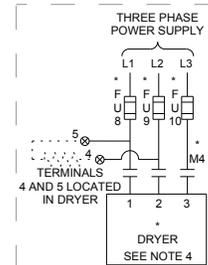


NOTES-UNLESS OTHERWISE SPECIFIED:

- 1) AT INSTALLATION, CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERLOAD PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
- 2) TO ENABLE REMOTE START REMOVE J2. UNIT MUST BE LOCALLY STARTED BEFORE REMOTE INPUT WILL WORK. WHEN CONTACT BETWEEN 17 AND 7 IS CLOSED THE UNIT WILL START.
- 3) TO ENABLE REMOTE UNLOAD REMOVE J3. WHEN CONTACT BETWEEN 17 AND 16 IS CLOSED THE UNIT WILL LOAD.
- 4) DRYERS WILL BE THE SAME THREE PHASE VOLTAGE AS THE UNIT.

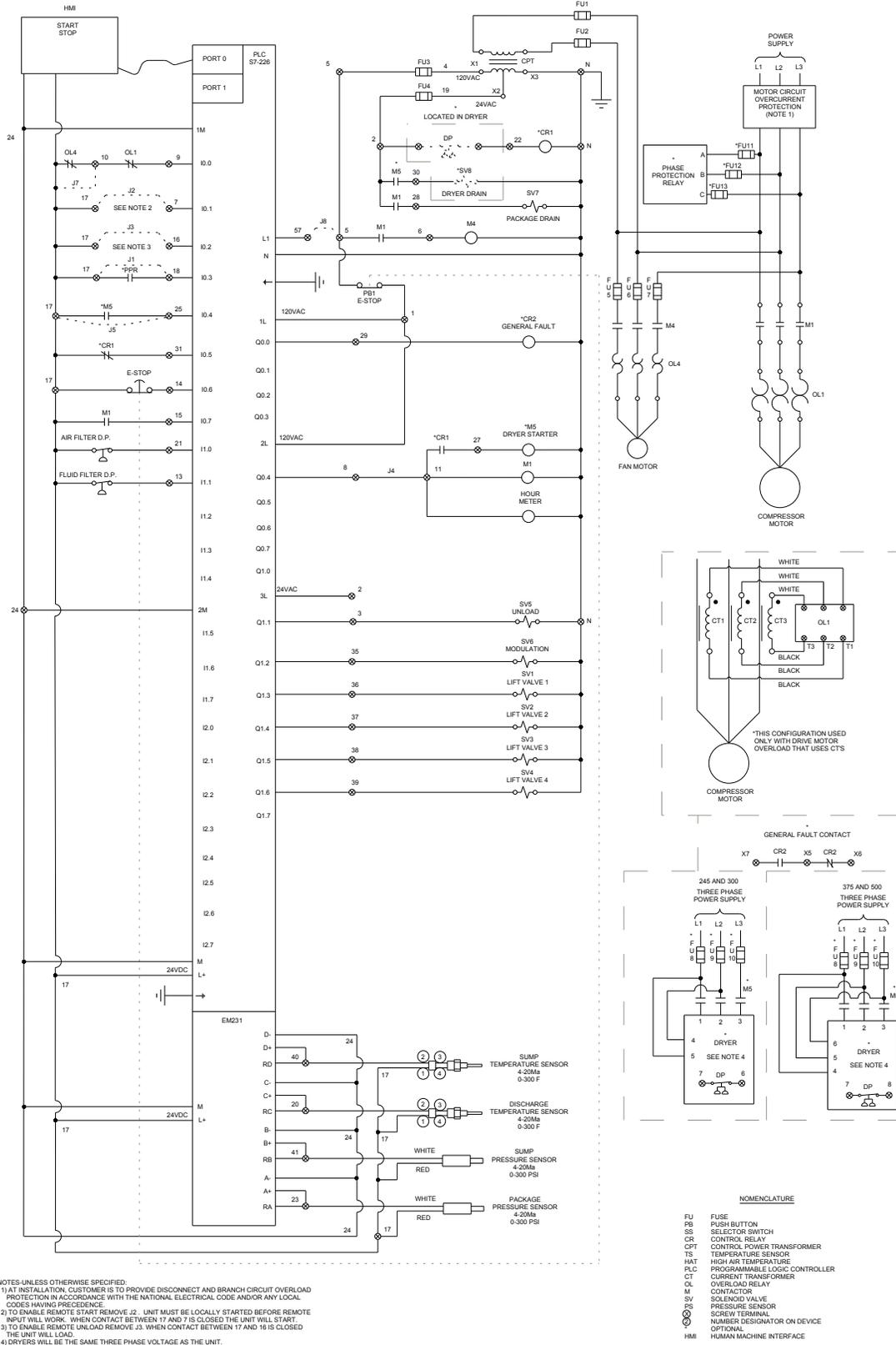
NOMENCLATURE

| | |
|-----|-------------------------------|
| FU | FUSE |
| PB | PUSH BUTTON |
| SS | SELECTOR SWITCH |
| CR | CONTROL RELAY |
| CPT | CONTROL POWER TRANSFORMER |
| TS | TEMPERATURE SENSOR |
| HAT | HIGH AIR TEMPERATURE |
| PLC | PROGRAMMABLE LOGIC CONTROLLER |
| CT | CURRENT TRANSFORMER |
| OL | OVERLOAD RELAY |
| M | CONTACTOR |
| SV | SOLENOID VALVE |
| PS | PRESSURE SENSOR |
| ⊗ | SCREW TERMINAL |
| ⊙ | NUMBER DESIGNATOR ON DEVICE |
| * | OPTIONAL |
| HMI | HUMAN MACHINE INTERFACE |



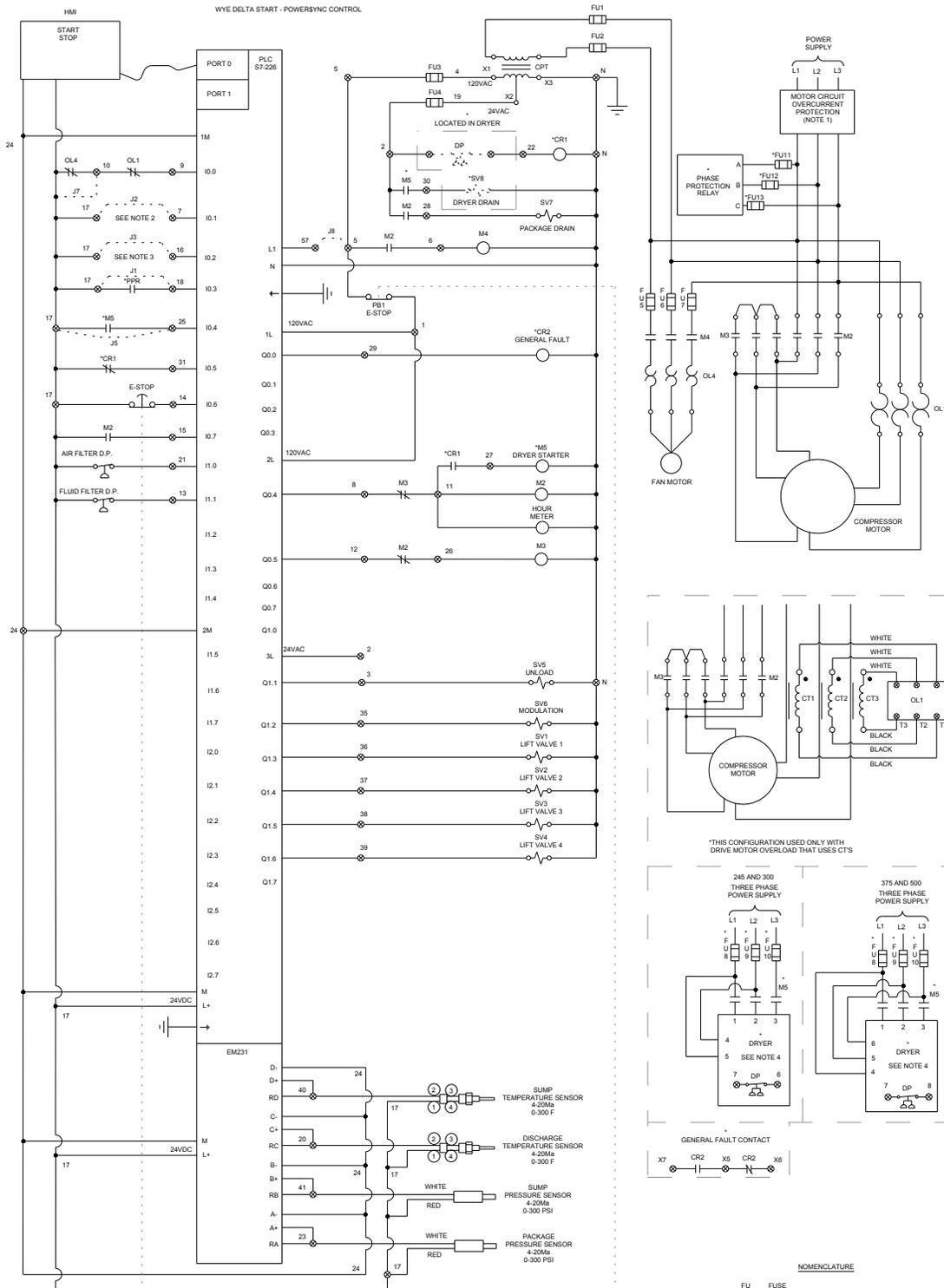
Electrical Control Diagram (PowerSync, full voltage)

WP2063A



Electrical Control Diagram (PowerSync, wye-delta)

WP2063B



NOTES UNLESS OTHERWISE SPECIFIED:
 1) AT INSTALLATION, CUSTOMER IS TO PROVIDE DISCONNECT AND BRANCH CIRCUIT OVERLOAD PROTECTION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND/OR ANY LOCAL CODES HAVING PRECEDENCE.
 2) TO ENABLE REMOTE START REMOVE J2. UNIT MUST BE LOCALLY STARTED BEFORE REMOTE INPUT WILL WORK. WHEN CONTACT BETWEEN 17 AND 7 IS CLOSED THE UNIT WILL START.
 3) TO ENABLE REMOTE UNLOAD REMOVE J3. WHEN CONTACT BETWEEN 17 AND 16 IS CLOSED THE UNIT WILL LOAD.
 4) DRYERS WILL BE THE SAME THREE PHASE VOLTAGE AS THE UNIT.

- NOMENCLATURE**
- FU FUSE
 - PB PUSH BUTTON
 - SB SELECTOR SWITCH
 - CR CONTROL RELAY
 - CPT CONTROL POWER TRANSFORMER
 - TS TEMPERATURE SENSOR
 - HAT HIGH AIR TEMPERATURE
 - PLC PROGRAMMABLE LOGIC CONTROLLER
 - CT CURRENT TRANSFORMER
 - OL OVERLOAD RELAY
 - M CONTACTOR
 - SV SOLENOID VALVE
 - PS PRESSURE SENSOR
 - TS TEMPERATURE SENSOR
 - NUMBER DESIGNATOR ON DEVICE
 - OPTIONAL
 - HMI HUMAN MACHINE INTERFACE

Standard Terms and Conditions

Quincy Compressor and Ortman Fluid Power Divisions

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.

Standard Terms and Conditions

Quincy Compressor and Ortman Fluid Power Divisions

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.

ENVIRONMENTAL 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 Compressor Products: 251.937.5900
E-mail: info@quincycompressor.com
Website: quincycompressor.com



© 2008 Quincy Compressor
All Rights Reserved. Litho in U.S.A.