



- NOTES:
1. CENTER OF CONDUIT(#14) MUST BE HIGHER THAN ENDPOINTS TO KEEP CONDENSATION AWAY FROM ELECTRICAL CONNECTIONS.
 2. USE BRACKETS TO SUPPORT FILL VALVE(#61), VENT VALVE(#61), PRESSURE SWITCH(#54), AND DIFFERENTIAL PRESSURE SWITCH(#49).
 3. TEST AND ADJUST PRESSURE SWITCH(#54), REGULATOR(#59), AND DIFFERENTIAL PRESSURE SWITCH(#49).
 - A. CONNECT ELECTRICAL TO 110VAC.
 - B. CONNECT MALE BAYONET FIXTURE TO OUTLET BAYONET – USE NITROGEN OR CLEAN, DRY AIR TO PRESSURIZE UNIT.
 - C. ADJUST DIFFERENTIAL PRESSURE SWITCH(#49) TO 22" H₂O ON HIGH SIDE AND 18" H₂O ON LOW SIDE.
 - D. ADJUST PRESSURE SWITCH(#54) SO VENT VALVE OPENS AT 40 PSIG (FOR P/N 11914406) & 62 PSIG (FOR P/N 11918618)
 - BE CAREFUL OF THE ELECTRICAL WIRING WHILE UNIT IS UNDER POWER
 - E. ADJUST ITEM #59 (REGULATOR) TO OPEN AT 38 PSIG FOR FINAL PART NUMBER 11914406.

7. CONNECT PORTS USING ITEM #14.
8. CONNECT PORTS USING ITEM #14.
9. CONNECT PORTS USING ITEM #14.
10. CONNECT PORTS USING ITEM #14.
11. CONNECT TO "LOW" PORT OF ITEM #49 (DIFFERENTIAL PRESSURE SWITCH) USING ITEM #46.
12. CONNECT TO "HIGH" PORT OF ITEM #49 (DIFFERENTIAL PRESSURE SWITCH) USING ITEM #46.
13. MOUNT BOX TO BRACKET USING ITEMS #10 AND #20.
14. BRACKET TO HEAD WITH COMPONENTS #9, #2, #3.
15. BRACKET TO HEAD WITH COMPONENTS #2, #3, #4, #6, #65.
16. WELD ITEMS #25 (FEET) TO BOTTOM FOOT RING.

4. COVER WITH PLASTIC AND GRATE FOR SHIPMENT (INCLUDE USER MANUAL).
5. TARE WEIGHT MUST BE ON DATA PLATE.
6. BRACKET TO HEAD WITH COMPONENTS #4, #5, #2, AND #3.

PART NUMBER	OPERATING PRESSURE
11914406	10-50 PSIG
11918618	40-85 PSIG

REV	ECO #	REVISION DESCRIPTION	DATE	APPROVED	DATE	BY	DATE	APP'D	DATE	SCALE	TITLE
A	-	CORRECT PUMPING ORIENTATION	8/6/07	KMM	8/6/07					N/A	FNL APPS-160 GEN 2
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Storage Systems Division

DRAWING NO. D-11914406
 SCALE N/A
 DO NOT SCALE SHEET
 REV. A