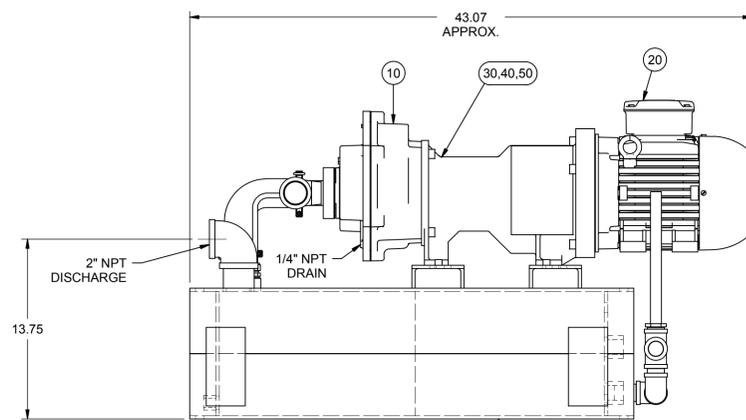
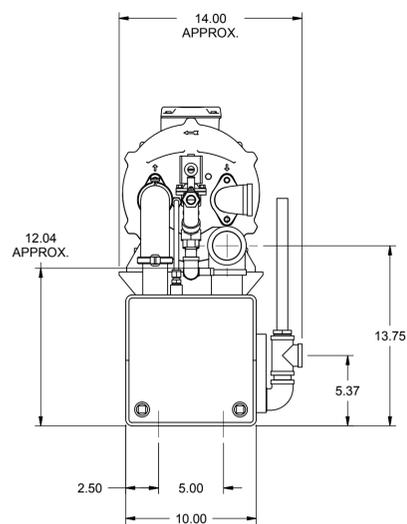


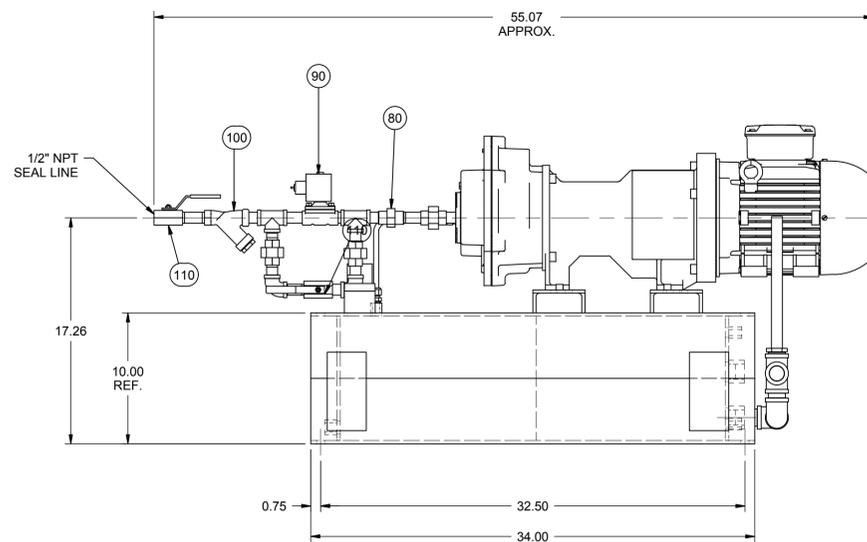
PLAN VIEW



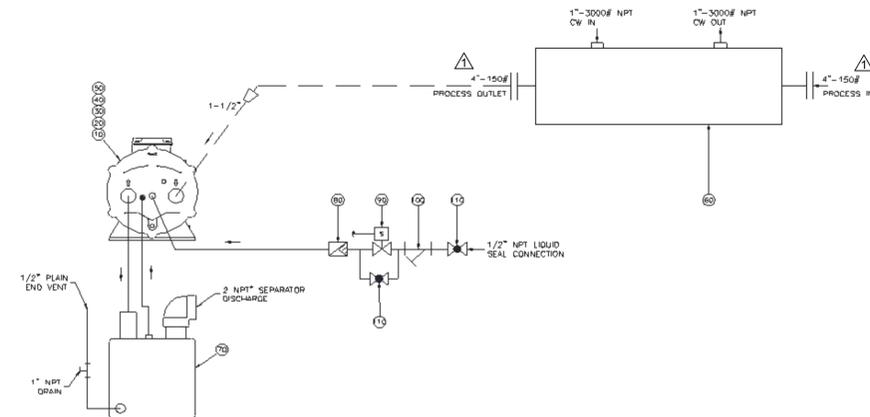
VIEW A-A
SEAL LINE REMOVED FOR CLARITY



END VIEW



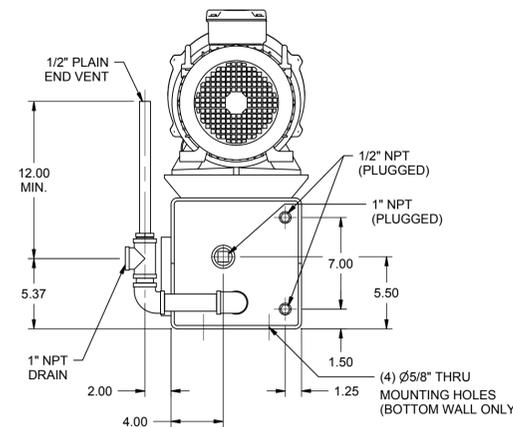
ELEVATION VIEW
INLET & DISCHARGE PIPING REMOVED FOR CLARITY



FLOW DIAGRAM

BILL OF MATERIAL		
ITEM	QTY	DESCRIPTION
10	1	VACUUM PUMP - SX10
20	1	MOTOR - 182TC FRAME
30,40,50	1	COUPLING HUBS AND INSERT
60	1	PRECONDENSER: 04036
70	1	BASE/SEPARATOR
80	1	FLOW CONTROL VALVE: 1/2" NPT
90	1	SOLENOID VALVE: 1/2" NPT
100	1	STRAINER: 1/2" NPT
110	2	BALL VALVE: 1/2" NPT

- NOTES:**
- ALL DIMENSIONS ARE IN INCHES.
 - FOR INSTALLATION AND OPERATION SEE MANUALS.
 - SOLIDLY GROUND UNIT. DO NOT USE PIPING SYSTEM FOR GROUND.
 - TOLERANCES PER HEI & TEMA.
 - ALL THREADED CONNECTIONS ARE ±1".
 - APPROXIMATE WEIGHT: 346 lbs.
 - PIPING AS FOLLOWS:
PIPING -
A: MATERIAL: 316 STAINLESS STEEL,
B: PIPE: SCHEDULE 40,
C: FITTINGS: NPT, 150#,
D: FLANGES: SLIP-ON, RAISED FACE, 150#,
E: BOLTING: STUDS - SA-193-B7,
NUTS - SA-194-2H (TEFLON COATED).
INCLUDE WASHERS ON PAINTED SURFACES.
 - PAINT: ALL CARBON STEEL COMPONENTS PER WI-12-032 NASH SIGNAL BLUE ENAMEL. MAJOR EQUIPMENT PAINTED PER MANUFACTURER STANDARD. (DO NOT PAINT STAINLESS STEEL).
 - FOUNDATION BOLTS ARE DESIGNED AND FURNISHED BY OTHERS.
 - PUMP SHOULD NEVER BE RUN DRY. PRIME PUMP BEFORE OPERATION.
 - REFERENCE PACKAGE BILL OF MATERIAL FOR SALES ORDER/ITEM: 3078438/10 FOR COMPLETE DESCRIPTIONS OF ITEMS SUPPLIED WITH THE ORDER. ITEM BALLS REFER TO THE ITEM POSITION NUMBER ON THIS BILL OF MATERIAL.
 - PIPING FROM PRECONDENSER TO PUMP BY OTHERS.
 - G1/4 THRU G3/4 THREAD FORM MATES WITH NPT PIPE THREAD.



BACK VIEW
PUMP PIPING REMOVED FOR CLARITY

REV.	DESCRIPTION	DATE	APPVD
1	REVISED PER ECN, 16-179	09/06/2016	ZJ
0	ORIGINAL	08/15/2016	ZJ

REVISIONS

For Approval: Tentative shipping promise is established upon return of approved print.
 For Final Approval: This print covers equipment on which mfg. has been ordered, however, no mfg. has started. Delivery is established upon return of final approved print.
 Certified For Construction: This print covers equipment on which mfg. has started. Any change is subject to price and shipping promise adjustment.

DO NOT USE THIS PRINT FOR CONSTRUCTION UNLESS CERTIFIED AND DATED.

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NASH Gardner Denver Nash LLC

TITLE: SX 10 SS ONCE THROUGH PACKAGE W/ PRECONDENSER

PURCHASER: CHS Biodiesel P.O.#: 450005282
USER: CHS NETWORK#: 3862661
SALES#: 3078438

SCALE: DRAWN BY: SHEET
NTS ARC 1 OF 1 APPVD BY: DATE:
ZJ 8/2016

DWG. NO.: D-806689 REV. 1 SHEET SIZE: D