

PROCESS OUTLET
1 1/2" NPT

GAS / LIQUID
SEPARATOR

PRE-COOLER,
BCF 02008-1 BRASS

INLET CHECK VALVE,
1" NPT, CS

COMPOUND PRESSURE GAUGE
30"Hg - 0 - 15PSI

SEAL LIQUID TEMPERATURE
GAUGE, 50° - 300°F

SYSTEM NAMEPLATE
W/ SERIAL NUMBER

DOLPHIN LIQUID RING VACUUM PUMP
LA0053 W/ INBOARD BEARINGS
3HP MOTOR, 184T,
230/460/3/60, 1750 RPM,
CALSS 1, DIV. 2, GROUP D

NOTES:

- SEE SHEET 2 FOR ORTHO VIEWS
- TOTAL APPROX. WEIGHT: 369 LBS.
- ASSEMBLY DRAWING NUMBER: D-13419

| REV. | DESCRIPTION | DATE | BY |
|------|------------------|----------|-----|
| A | ORIGINAL RELEASE | 8/6/2014 | JLH |

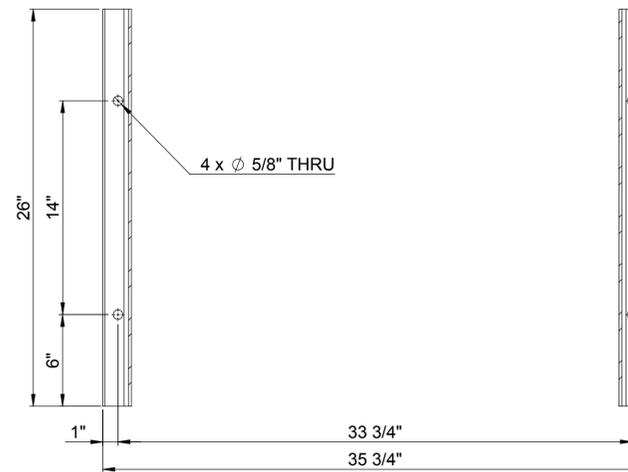
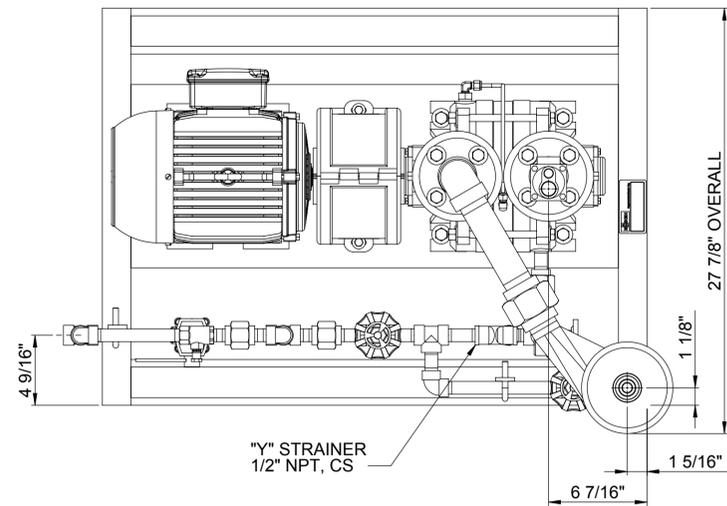
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| | | BUSCH LLC 516 VIKING DRIVE VIRGINIA BEACH, VA 23452 PHONE (757) 463-7800 FAX (757) 463-7407 WWW.BUSCHUSA.COM | APPROVED BY: JLH DATE: 8/7/2014 |
| Vacuum Pumps and Systems ISO 9001 REGISTERED COMPANY | | UNAUTHORIZED USE, MANUFACTURE OR REPRODUCTION IN WHOLE OR IN PART IS PROHIBITED. DRAWING DESIGNS AND OTHER DISCLOSURES ARE PROPERTY OF BUSCH LLC | SCALE: 1:6 |
| DOLPHIN LA0053 PARTIAL RECOVERY LIQUID RING VACUUM PUMP SYSTEM - DIMENSIONAL | | | |
| ITEM NUMBER: 663000040SYSTEM-3 | | | SHEET: 1 OF 2 |
| CUSTOMER: PATRIOT FUELS BIODIESEL, LLC PROJECT NO. 663000040 SALES ORDER NO. SLS111422 | | | DRAWING NUMBER: REV. D13418 A |

SHIPPING:
SOME DISASSEMBLY OF SYSTEM MAY
BE REQUIRED FOR SHIPMENT.
ASSEMBLY ON SITE IS THE
RESPONSIBILITY OF THE CUSTOMER.

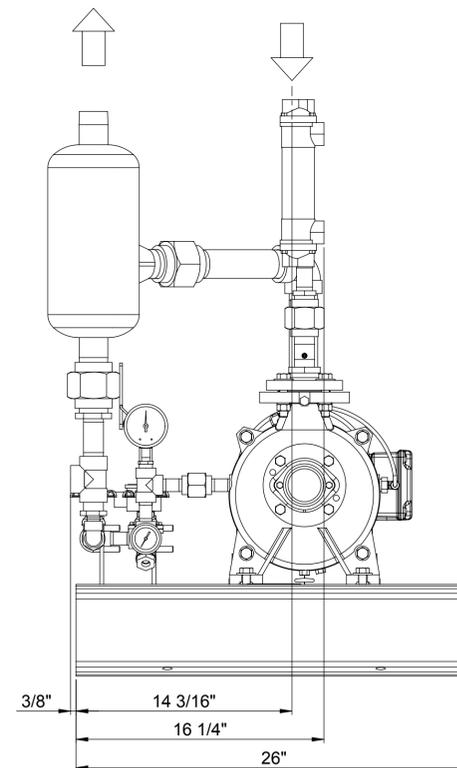
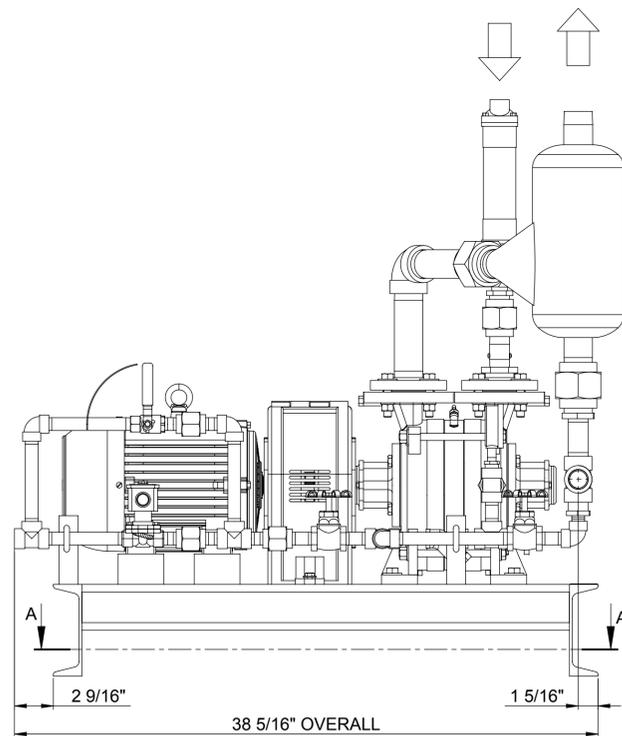
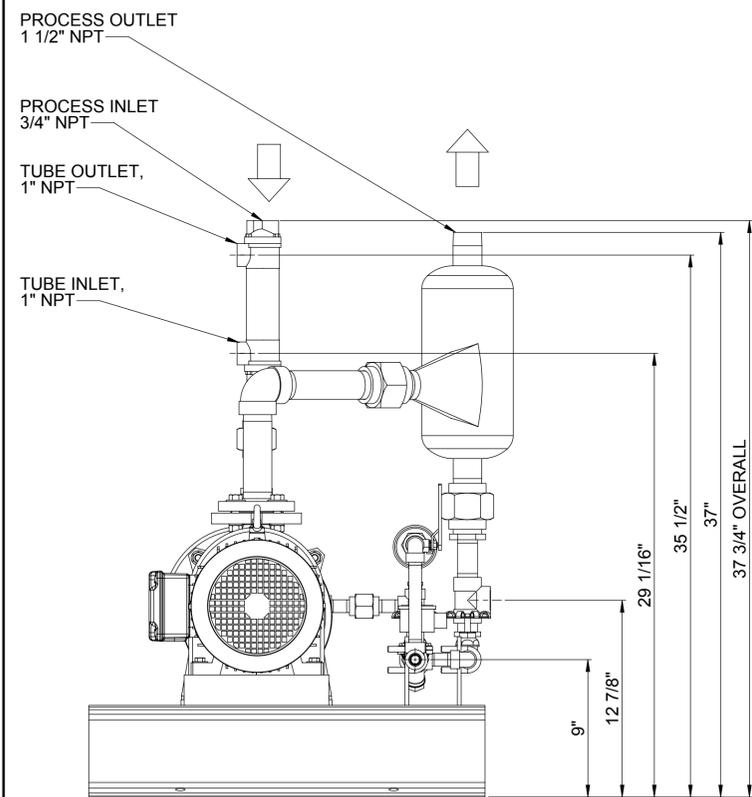
TOLERANCES:
ONLY DIMENSIONS MARKED "CD" ARE
CONTROLLED DIMENSIONS AND ARE
HELD TO THE FOLLOWING TOLERANCES
UNLESS SPECIFIED OTHERWISE.

ALL OTHER DIMENSIONS ARE APPROX.

| | | |
|------------|---------------|------------|
| <24" ±1/4" | 24"-48" ±3/8" | >48" ±1/2" |
|------------|---------------|------------|



SECTION A-A



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| DOLPHIN LA0053 PARTIAL RECOVERY LIQUID RING VACUUM PUMP SYSTEM - DIMENSIONAL | | |
| ITEM NUMBER: 663000040SYSTEM-3 | SHEET: 2 OF 2 | |
| CUSTOMER: PATRIOT FUELS BIODIESEL, LLC PROJECT NO. 663000040 SALES ORDER NO. SLS111422 | DRAWING NUMBER: | REV. |
| | | D13418 A |