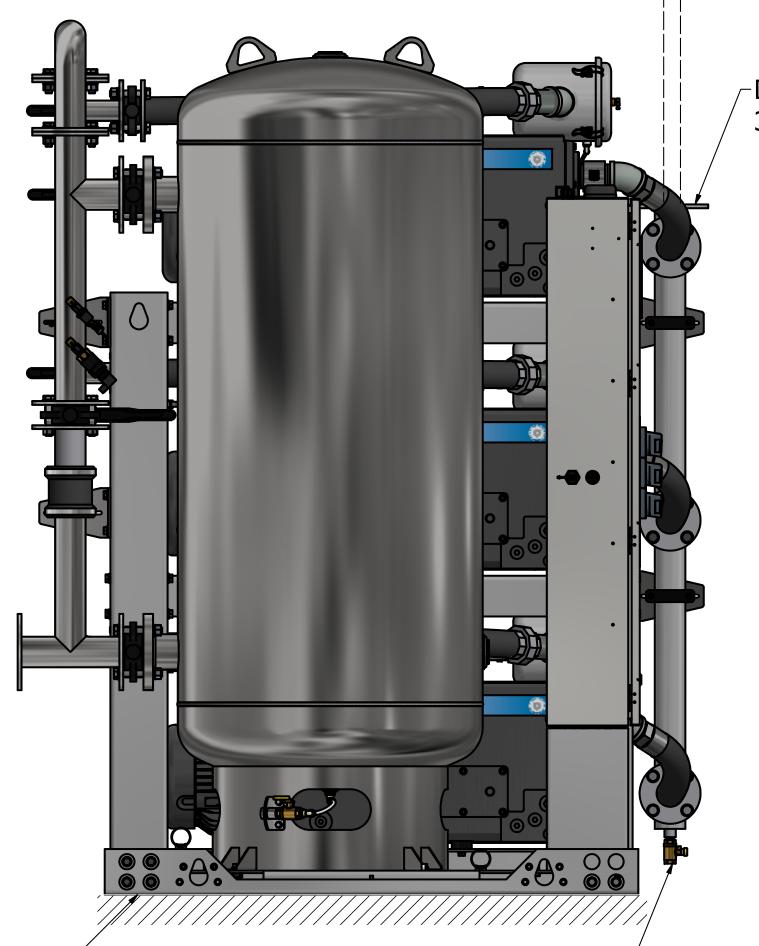
Notes:

1. ALL INTERCONNECTING PIPE AND FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR.

2. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 99. PIPING LAYOUT IS DIAGRAMMATIC ONLY. FINAL ARRANGEMENT WILL BE SITE SPECIFIC. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFICATION AND COORDINATING ACTUAL LOCATION WITH ALL OTHER TRADES.

- 3. CONTRACTOR SHALL VERIFY MOTOR VOLTAGE, PHASE AND AMP RATINGS BEFORE STARTING ELECTRICAL INSTALLATION; AND MAKE CERTAIN THE VOLTAGE SUPPLIED BY THE HOSPITAL IS THE SAME.
- 4. THE ROOM REQUIRES DEDICATED MECHANICAL VENTILATION WITH AN ALLOWABLE TEMPERATURE VARIANCE OF 40° TO 105°F. (FOR HIGHER AMBIENTS, CONSULT FACTORY)
- 5. ELECTRICAL POWER SHALL BE SUPPLIED FROM THE EQUIPMENT SYSTEM BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM (EMERGENCY POWER).
- 6. EQUIPMENT, INSTALLATION, AND TESTING OF THE MEDICAL VACUUM SYSTEM SHALL COMPLY WITH NFPA 99, AND ALL STATE AND LOCAL CODES OR ORDINANCES.
- 7. WIRE LAG PUMP RUNNING ALARM REMOTE CONTACTS IN THIS CONTROL SYSTEM TO MASTER ALARM SYSTEM AS REQUIRED BY NFPA 99.
- 8. ALL ACCESSORIES, PIPE AND FITTINGS, EXCEPT DISCHARGE SILENCERS, BEYOND INLET AND DISCHARGE PORTS ARE SUPPLIED AND INSTALLED BY OTHERS.

9. WHEN DETERMINING THE TOTAL PIPE LENGTH, ADD ALL THE STRAIGHT LENGTHS OF PIPE TOGETHER IN ADDITION TO THE NUMBER OF ELBOWS TIMES THE EFFECTIVE PIPE LENGTH FOR THAT PIPE SIZE. (SEE EQUIVALENT PIPE LENGTH TABLE & EXAMPLE CALCULATION IN THE O&M MANUAL)



PIPE EXHAUST
OUTSIDE, TURN DOWN
AND SCREEN PER NFPA 99

-DISCHARGE
3" FLANGE

SOURCE SHUTOFF VALVE

INLET

3" FLANGE

ETHERNET WIRING ACCESS-

ALARM WIRING ACCESS-

NO FOUNDATION OR INERTIA PAD IS REQUIRED
(HOUSEKEEPING PAD IS OPTIONAL)

SINGLE POINT POWER

WIRING ACCESS

-MAIN VACUUM GAUGE

-FOR INTAKE PIPE SIZING REFER TO STANDARD PRESSURE DROP TABLES. TOTAL PRESSURE DROP SHOULD BE LESS THAN 2" Hg AT A SYSTEM VACUUM LEVEL OF 15" Hg.

MAIN LINE VACUUM SWITCH

FROM HOSPITAL

PIPE SIZE (IN) 4.00" NPT 5.00" NPT

EFF. PIPE 10 13.2

EFFECTIVE PIPE LENGTH FOR

 EXHAUST PIPE SIZE TABLE

 UNIT SIZE
 PIPE LENGTH

 TX 10HP
 0-350'
 351'-500'

 4.00" NPT
 5.00" NPT

---- FIELD PIPING INLET

======= FIELD PIPING OUTLET

(200 GALLON RECEIVER SHOWN)

Revised:

APS

Date:
3/31/2023

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Description:

Part Number:
4107 8523 19

DN:
HOP230842

Rev:
HOP230842

DO NOT SCALE THIS DOCUMENT

TANK DRAIN CONNECTION-

NO VIBRATION PADS ARE NECESSARY AT THIS LOCATION

DRIP LEG VALVE-

Form F-007 Rev. 01 8

4