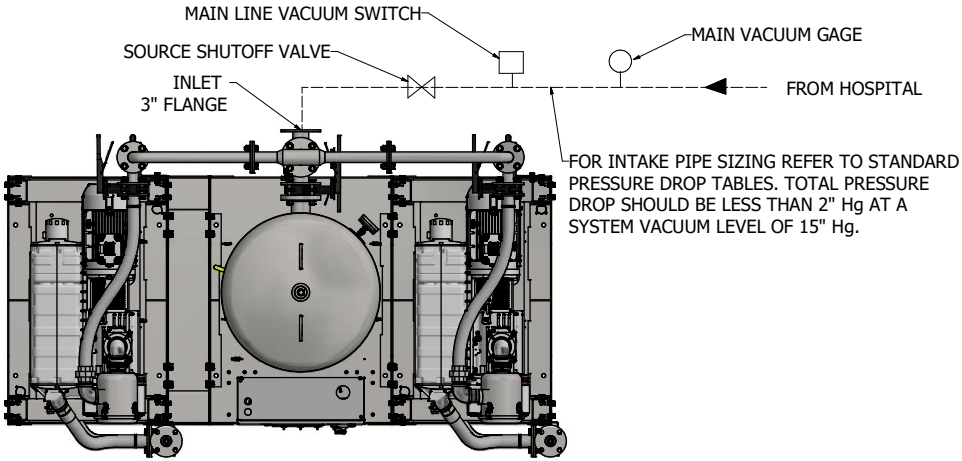
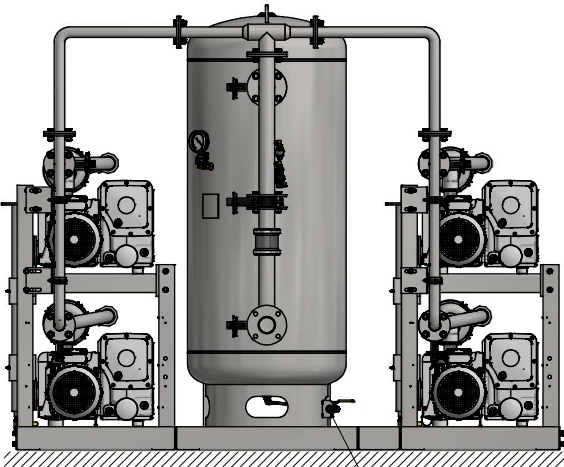


NOTES:

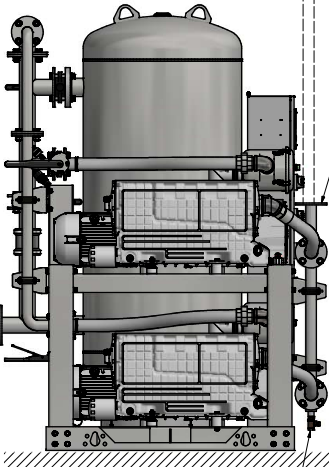
1. ALL INTERCONNECTING PIPE AND FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR.
2. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 99, 2005 EDITION. PIPING LAYOUT IS DIAGRAMMATIC ONLY. FINAL ARRANGEMENT WILL BE SITE SPECIFIC. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFICATION AND COORDINATING 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, 2005 EDITION, 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

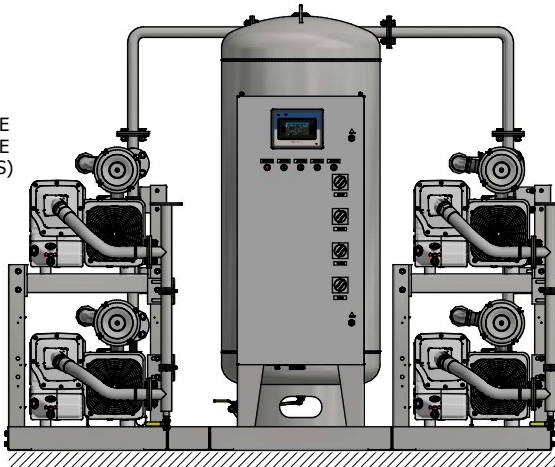


TANK DRAIN CONNECTION



DISCHARGE
2" FLANGE
(2 PLACES)

DRIP LEG VALVE



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

EFFECTIVE PIPE LENGTH FOR ELBOWS			
PIPE SIZE (IN)	3.00" NPT	4.00" NPT	5.00" NPT
EFF. PIPE LENGTH (FT)	7.9	10	11.9

EXHAUST PIPE SIZE TABLE			
UNIT SIZE	PIPE LENGTH		
2 X 5 HP	0-150'	151'-500'	
	3.00" NPT	4.00" NPT	
UNIT SIZE	PIPE LENGTH		
2 X 7.5 HP	0-100'	101'-400'	401'-500'
	3.00" NPT	4.00" NPT	5.00" NPT

----- FIELD PIPING INLET

----- FIELD PIPING OUTLET

(7.5 HP WITH 200 GALLON RECEIVER SHOWN)

REVISION HISTORY		
REV	DESCRIPTION	DATE
1	Drawing Updated	04-04-2019
2	Assembly Updated	15-04-2020

Revised: CDC	Date: 6/14/2019	Drawn: JEB	Date: 10/30/2018
BeaconMedics		This drawing and the information contained therein remain the property of BeaconMedics and may not be used for other than the purpose for which it is issued without the expressed written permission from BeaconMedics Engineering.	Scale: 1/10
Description: INSTALLATION DIAGRAM QX 5-7.5HP LUBE VAC SPC		Part Number: 9829350908	Rev: 00
Sheet: 1 of 1		Doc: HOP130707	DO NOT SCALE THIS DOCUMENT