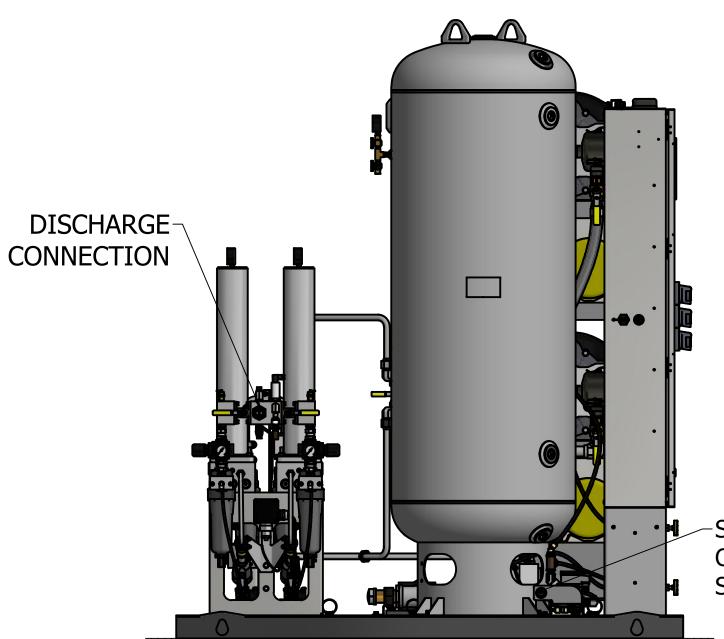
GENERAL NOTES:

- 1. ALL INTERCONNECTING PIPE AND FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR.
- 2. ALL PIPING SHALL BE HARD-DRAWN SEAMLESS TYPE "K" OR "L" COPPER TUBING CONFORMING TO ASTM DESIGNATION B-819.
- 3. 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.
- 4. 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.
- 5. THE ROOM REQUIRES DEDICATED MECHANICAL VENTILATION WITH AN ALLOWABLE TEMPERATURE VARIANCE OF 40° TO 105°. (FOR HIGHER AMBIENTS, CONSULT FACTORY).
- 6. ELECTRICAL POWER SHOULD BE SUPPLIED FROM THE EQUIPMENT SYSTEM BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM (EMERGENCY POWER).
- 7. EQUIPMENT, INSTALLATION, AND TESTING OF THE MEDICAL AIR SYSTEM SHALL COMPLY WITH NFPA 99, AND ALL STATE AND LOCAL CODES OR ORDINANCES.
- 8. 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)

9. ALLOW 36 INCHES IN FRONT OF CONTROL PANEL FOR MAINTENANCE AND VENTILATION, ALL OTHER SIDES REQUIRE 24 INCHES OF CLEARANCE.



NO VIBRATION PADS ARE-NECESSARY AT THIS LOCATION

-SINGLE POINT DRAIN CONNECTION, CONTRACTOR SHALL PIPE TO FLOOR DRAIN

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

Form F-007 Rev. 01

INTAKE PIPE SIZE TABLE						
(SEE NOTE 8)						
UNIT SIZE	PIPE LENGTH					
	0 - 75'	76' - 250'	251' - 400'			
5 DX-EXP-TX	2.00"	2.50"	3.00"			
	PIPE LENGTH					
	0 - 100'	101' - 250'	251' - 400'			
7.5 DX-EXP-TX	2.50"	3.00"	3.50"			

ETHERNET WIRING ACCESS-

ALARM WIRING ACCESS-

EFFECTIVE PIPE LENGTH FOR ELBOWS					
PIPE SIZE (IN)	2.00" NPT	2.50" NPT	3.00" NPT	3.50" NPT	
EFF. PIPE LENGTH (FT)	4.9	6.4	7.9	9.4	

FOR DISCHARGE PIPE SIZING REFER TO STANDARD PRESSURE DROP TABLES. - TOTAL PRESSURE DROP SHOULD BE LESS THAN 5 PSIG. SOURCE VALVE

→ TO HOSPITAL

MAIN PRESSURE GAUGE

HIGH-LOW PRESSURE SWITCH

SINGLE POINT POWER-WIRING ACCESS

-ISOLATION VALVE FOR FUTURE **EXPANSION TOWER**

-FUTURE **EXPANSION TOWER**

-INLET CONNECTION

HEAVY-DUTY-4 POINT ISOLATION (SEISMIC OPTIONAL)

NOTE: ALL ACCESSORIES, PIPE, AND FITTINGS BEYOND INLET AND DISCHARGE PORTS ARE SUPPLIED AND INSTALLED BY OTHERS.

This drawing and the information contained thereon remain the property of BeaconMedaes and may not be used for other than the purpose for which it is loaned without the expressed written permission from BeaconMedaes Engineering. 4107 8519 25 INSTALLATION DIAGRAM 5HP & 7.5HP DX-EXP-TX SCROLL SPC Sheet 1 of 1 DO NOT SCALE T DOCUMENT

(7.5HP WITH 120 GALLON RECEIVER SHOWN)

PIPE INTAKE OUTSIDE-

PER NFPA 99.

TURN DOWN AND SCREEN

(REFER TO TABLE ABOVE

FOR CORRECT PIPE SIZING).