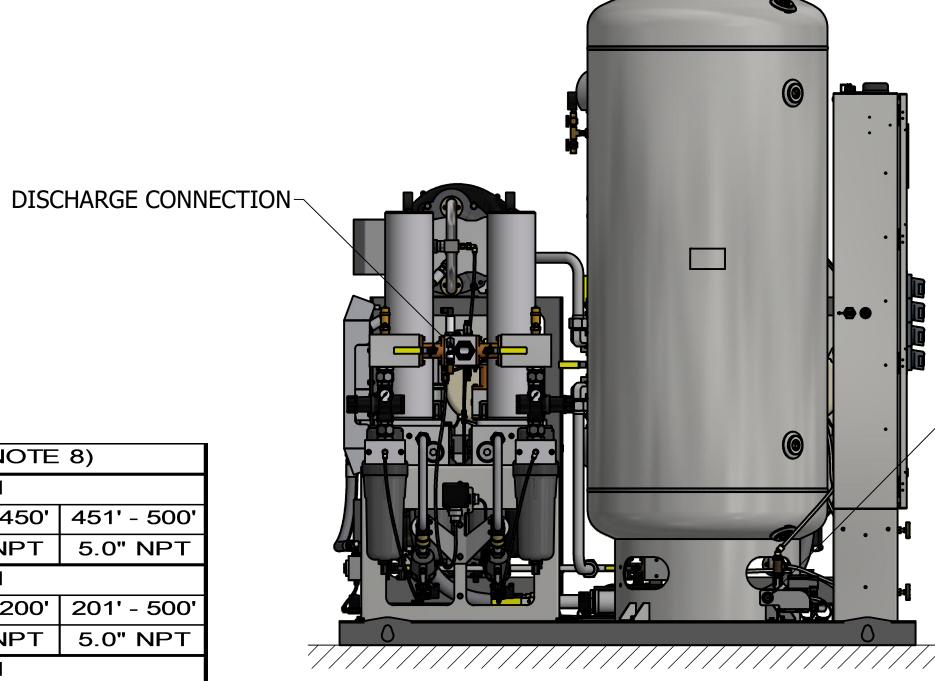
GENERAL NOTES:

- 1. ALL INTERCONNECTING PIPING, ACCESSORIES, AND PIPE FITTINGS SHALL BE SUPPLIED AND 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 LOCATIONS 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°F. (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 O & M MANUAL)

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



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

NO VIBRATION PADS ARE-**NECESSARY AT THIS LOCATION**

SOURCE VALVE-

HIGH-LOW PRESSURE ¬

- FOR DISCHARGE PIPE SIZING

REFER TO STANDARD PRESSURE

- TOTAL PRESSURE DROP SHOULD BE

ALARM WIRING ACCESS-

MAIN PRESSURE

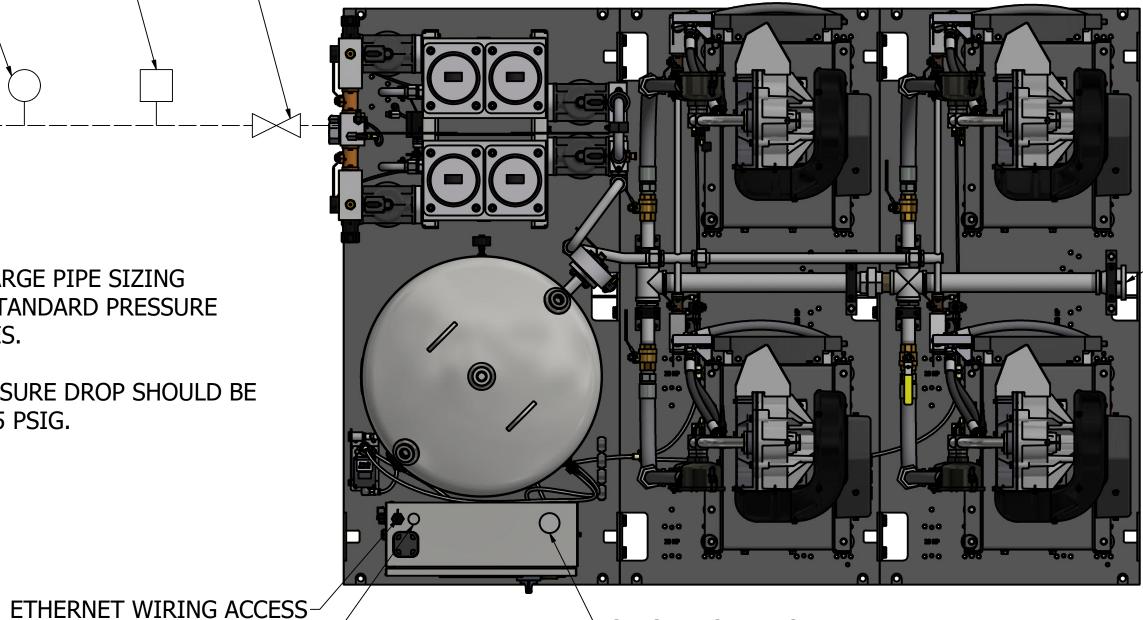
TO HOSPITAL

GAUGE

DROP TABLES.

LESS THAN 5 PSIG.

SWITCH



-INLET CONNECTION

SINGLE POINT POWER WIRING ACCESS

Delegation A

TURN DOWN AND SCREEN PER NFPA 99. (REFER TO TABLE FOR CORRECT PIPE SIZING)

PIPE INTAKE TO OUTSIDE,

-HEAVY-DUTY 4-POINT ISOLATION (SEISMIC OPTIONAL)

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

EFFECTIVE PIPE LENGTH FOR ELBOWS				
PIPE SIZE (IN)	3.00" NPT	3.50" NPT	4.00" NPT	5.00" NPT
EFF. PIPE LENGTH (FT)	7.9	9.4	10	11.9

INTAKE PIPE SIZE TABLE (SEE NOTE 8)

3.5" NPT

26'- 75'

3.5" NPT

0' - 100'

3.0" NPT

0' - 50'

3.0" NPT

0' - 25'

3.0" NPT

PIPE LENGTH

PIPE LENGTH

PIPE LENGTH

101 '- 250' | 251' - 450' | 451' - 500'

4.0" NPT

51 '- 100' | 101' - 200' | 201' - 500'

3.5" NPT | 4.0" NPT | 5.0" NPT

4.0" NPT

76' - 150' | 151' - 500'

5.0" NPT

5.0" NPT

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(15HP WITH 200 GALLON RECEIVER SHOWN)

Form F-007 Rev. 01 8

UNIT SIZE

QPX 10

UNIT SIZE

QPX 15

UNIT SIZE

QPX 20