GENERAL NOTES:

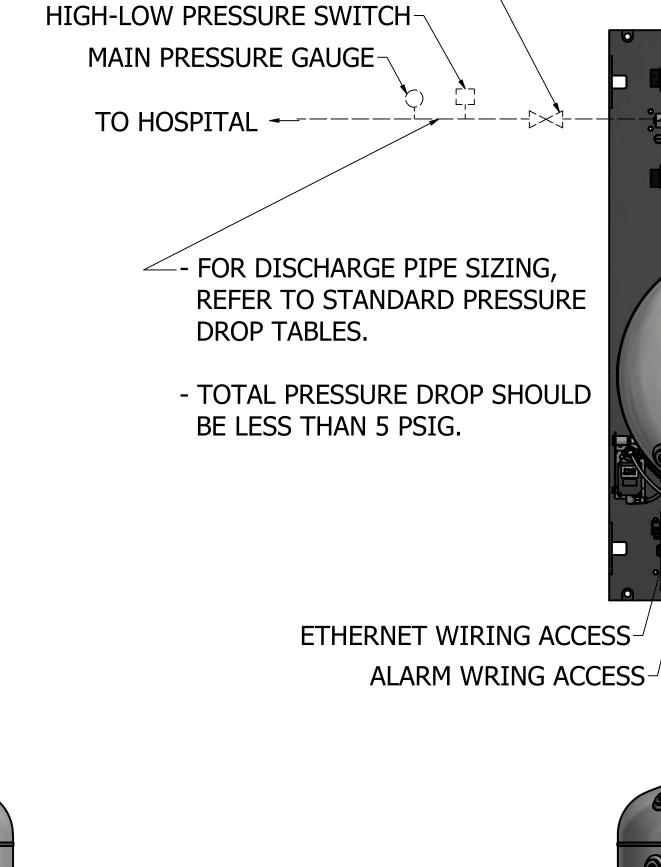
- 1. ALL INTERCONNECTING PIPING, ACCESSORIES, AND PIPE FITTINGS SHALL BE INSTALLED BY THE CONTRACTOR.
- 2. ALL PIPING SHALL BE HARD-DRAWN SEAMLESS TYPE "K" OR "L" COPPER TUBING CONFORMING TO ASTM DESIGNATION B-819.
 - 3. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 99. PIPING LAYOUT IS DIAGRAMMATIC 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 ELECTICAL 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.

DISCHARGE CONNECTION -

INTAKE PIPE SIZE TABLE (SEE NOTE 8)								
	PIPE LENGTH							
UNIT SIZE	0-25'	26'-150'	151'-350'	351'-500'				
DPX 10	2.00" NPT	2.50" NPT	3.00" NPT	3.50" NPT				
	PIPE LENGTH							
UNIT SIZE	0-75'	76'-150'	151'-350'	351'-500'				
DPX 15	2.50" NPT	3.00" NPT	3.50" NPT	4.00" NPT				
	PIPE LENGTH							
UNIT SIZE	0-50'	51'-150'	151'-300'	301'-500'				
DPX 20	2.50" NPT	3.00" NPT	3.50" NPT	4.00" NPT				

EFFECTIVE PIPE LENGTH FOR ELBOWS							
PIPE SIZE (IN)	2.00" NPT	2.50" NPT	3.00" NPT	3.50" NPT	4.00" NPT		
EFF. PIPE LENGTH (FT)	4.9	6.4	7.9	9.4	10		

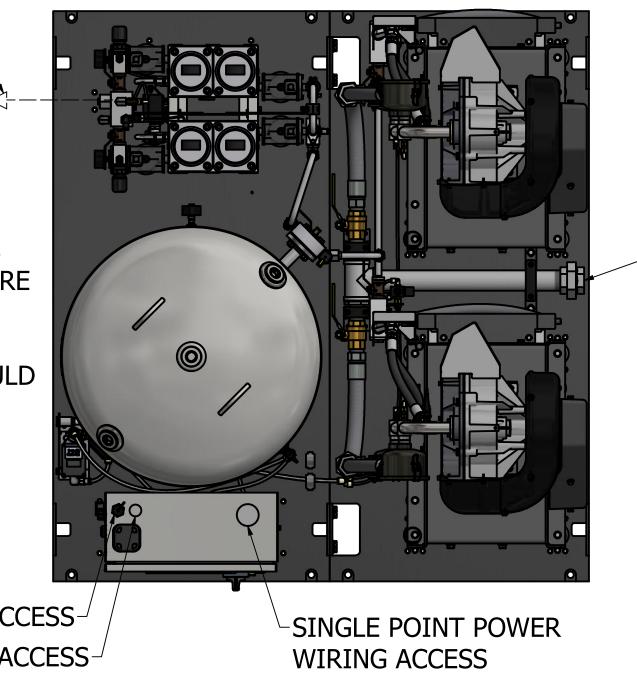
Form F-007 Rev. 01 8



SOURCE SHUTOFF VALVE-

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

NO VIBRATION PADS ARE - NECESSARY AT THIS LOCATION



✓ INLET CONNECTION



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

-HEAVY-DUTY
4 POINT ISOLATION
(SEISMIC OPTIONAL)

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

Revised:

APS

Date: 3/1/2023 Drawn: jeb

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Description:

Part Number:

4107 8511 89

INSTALLATION DIAGRAM 10-20HP

DX SCROLL SPC

Poon Not Scale:

Part Number:

4107 8511 89

DN:

HOP230837

Sheet 1 of 1

DO NOT SCALE THOCUMENT

(15HP WITH 240 GALLON RECEIVER SHOWN)

6 5 4