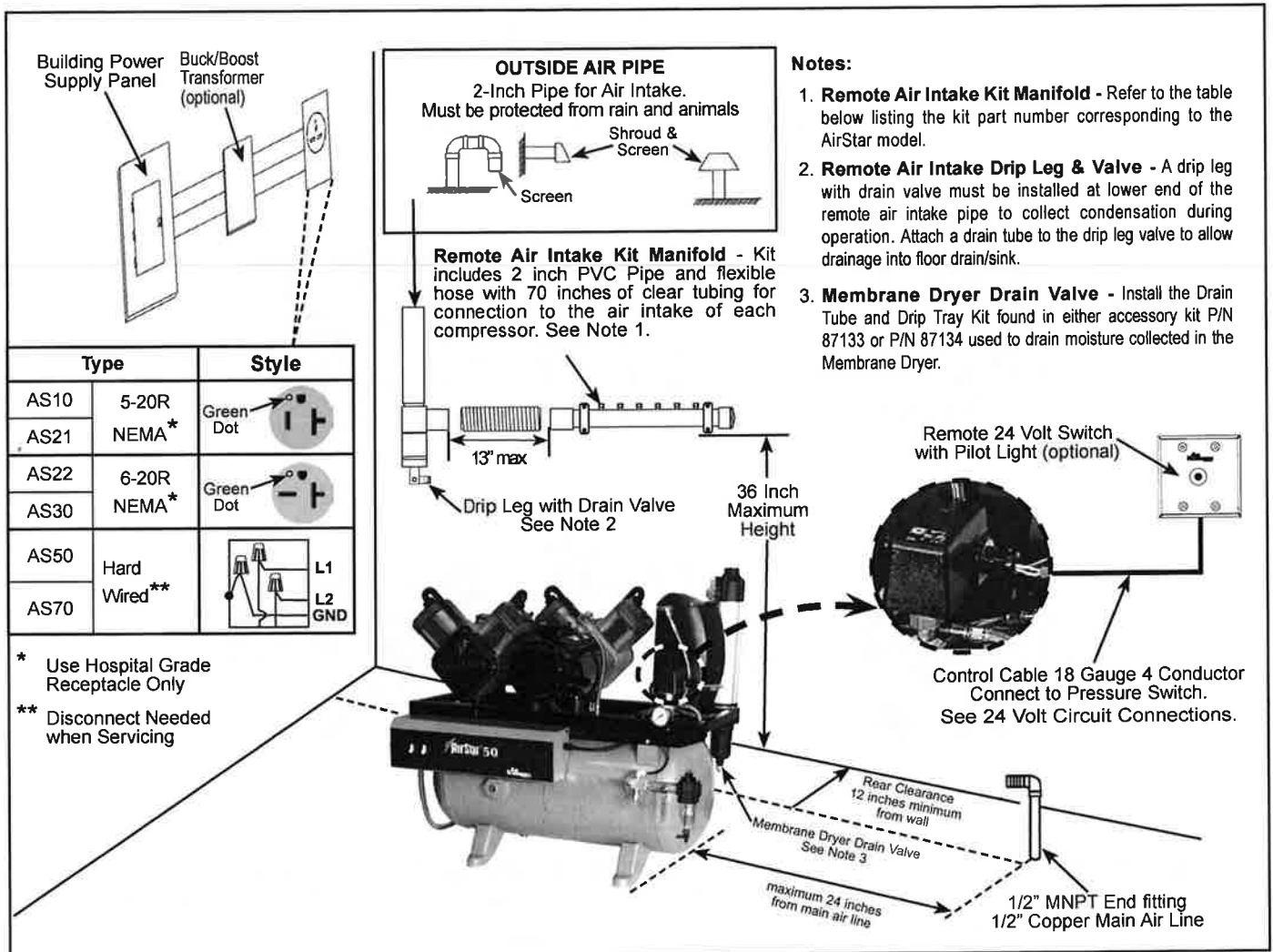


# Equipment Room Layout



## Remote Air Intake Kits:

Model	AS10	AS21	AS22	AS30	AS50	AS70
Part No.	85491	85492	85492	85492	85493	85494

## Air System Plumbing Connection

- 1/2" FNPT Shut-off valve and a 6 ft. pressure hose (supplied)
- Air distribution piping for all models - 1/2", type "L" or type "K" copper
- If pipe volume is too great, more than 235 in<sup>3</sup> or more than 100 ft. of 1/2" diameter pipe, a pressure regulator should be installed between the main tank and the distribution piping and set to 80 psi.

## Service Clearance

- Allow 12" on all sides for all units

## Ambient Temperature

- Must not exceed 105°F
- Must be above 40° F



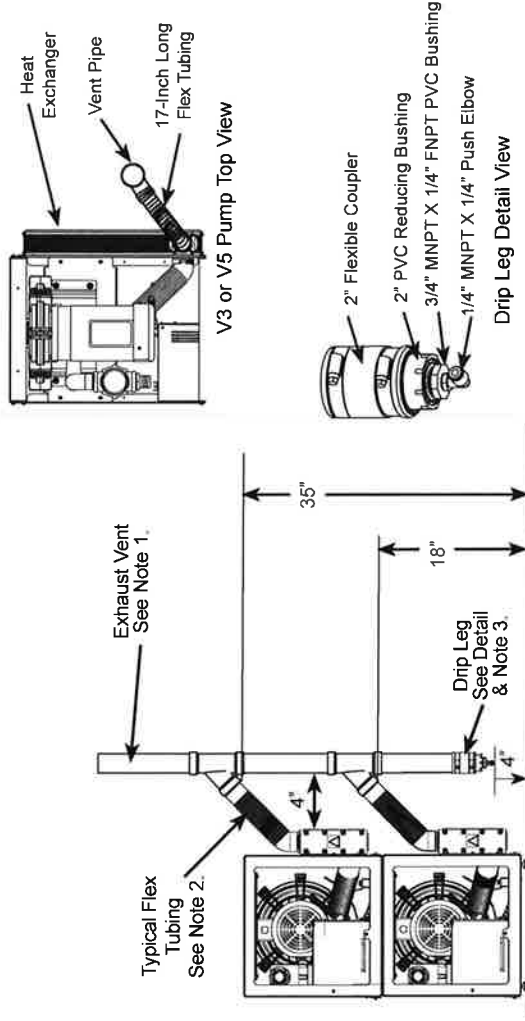
MEDICAL ELECTRICAL EQUIPMENT

WITH RESPECT TO ELECTRICAL SHOCK, FIRE, MECHANICAL  
AND OTHER SPECIFIED HAZARDS ONLY  
IN ACCORDANCE WITH UL-80601-1, CAN/CSA C22.2 NO.601.1 68CA

# EXHAUST VENTILATION REQUIREMENTS

## HEAT EXHAUST CONNECTION NOTES

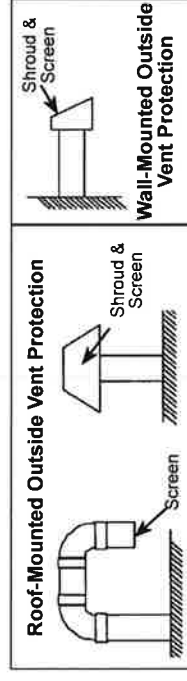
- 1. VENT LINE** - The exhaust vent line required for MOJAVE systems using the Heat Exchanger and systems with the Heat Exchanger removed have different requirements.  
Use metal pipe on systems without a Heat Exchanger while PVC Schedule 40 pipe can be used on systems with a Heat Exchanger.  
Do not make a trap in the exhaust vent piping.  
Also see Exhaust Vent Protection and Ventilation Requirements below.
- 2. V3 & V5 PUMP EXHAUST VENT CONNECTION** - Connection between the pump and exhaust vent piping is typically made via the supplied 2-inch Black Flex tubing.
- 3. DRIP LEG** - The supplied drip leg must be installed at the lower end of the vent pipe to collect condensation produced during pump operation. The bottom of drip leg should be located a minimum of 4 inches from floor. Attach the drain tube to the drip leg quick-connect fitting to allow drainage into floor drain/sink.



V3 & V5 Pump Heat Exchanger Connection

## Exhaust Vent Protection.

If the exhaust piping is venting to the outside of the building, precautions must be taken to protect the equipment room from weather elements and animal intrusion. This can be accomplished by using one of the three methods shown on the right.



## Exhaust Vent Requirements.

The MOJAVE equipment must be used in a controlled-temperature environment. Maintain equipment room temperature between 40 and 105 degrees Fahrenheit. An exhaust fan is necessary if room temperature is not maintained by other methods.

Adequate forced ventilation must be provided across the unit by placing an appropriate exhaust fan opposite an equivalent air intake vent. The fan should be placed higher than the associated intake vent. Recommended minimum exhaust fan requirements for each MOJAVE unit are listed to the right.

MOJAVE Unit	Watts (Idle)	Watts (Max)	BTU (Idle)	BTU (Max)
V3	886	1,601	3,021	5,462
V5	886	2,245	3,021	7,560
2V3 & 2V3CT	1,772	3,202	6,042	10,924
2V5 & 2V5CT	1,772	4,490	6,042	15,320
3V5	2,658	6,735	9,063	22,980
4V5	3,544	8,980	12,084	30,640