Medical Gas System

GENERAL

The medical gas system on the Mobile Surgery Unit provides space for central oxygen and nitrogen cylinders. Cylinders are located in the #6 curbside belly box compartment. There is space for two (2) “H” cylinders of oxygen and one “H” cylinder of nitrogen. There is also a connection to medical air located in the #6 curbside belly box for uses of cylinders at a separate location. These cylinders can be shut off at this location in an emergency or to facilitate cylinder changing. The medical gas is then distributed throughout the unit through both stainless steel and plastic tubing to the various patient care stations provided. The gas has a main shut-off zone valve inside the unit to turn off the whole system and individual zone valves to turn off separate wall sections in the unit. The unit also has an oxygen monitor at the nurses station to provide warnings in the event of too high or too low pressure.