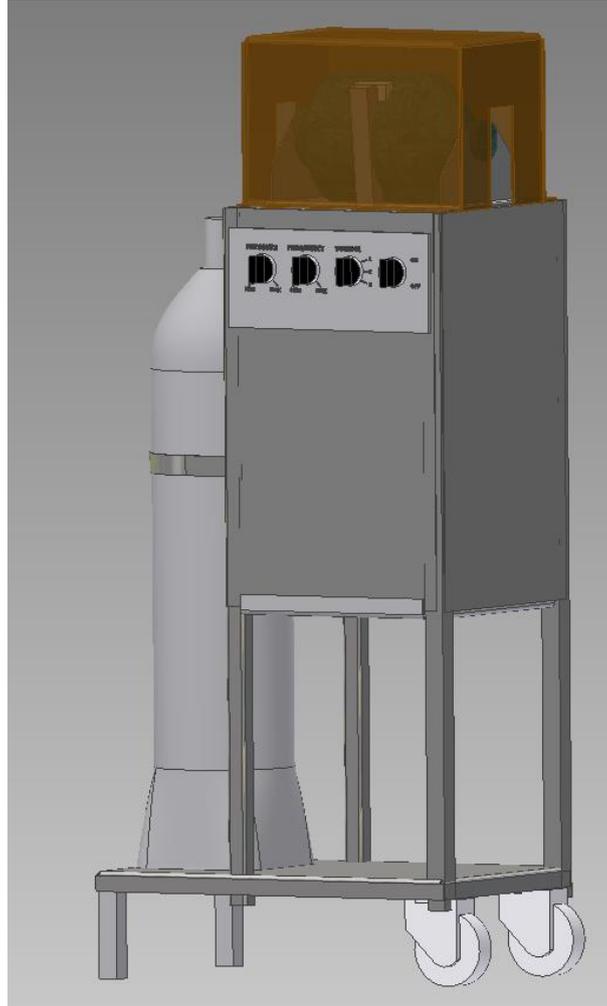


AMBU ventilation unit - AVU



-Specifications-



General

The AMBU ventilation unit (AVU) is a stand-alone system for emergency assisted ventilation. The system is designed to work with a standard Ambu bag (size 3 – for adults) as can be found in any first aid kit. The Ambu bag is placed into the unit, attached to an oxygen source and the system works the bag automatically and consistently in a controlled speed, pressure and frequency. By regulating the parameters the system is able to assist any emergency case from infant to adult. The AVU is mounted on a cart that can hold an oxygen tank as well and be moved easily from place to place.

Capability

1. Volume

The AVU system operates a standard Ambu bag that can provide about 1.5l of air volume in every stroke. By adjusting the stroke length the operator can reduce the volume to 1l or 1/2l on every stroke.

2. Pressure

By adjusting the speed of the push on the Ambu bag the operator can adjust the air pressure that is being ventilated. The AVU can operate up to 60 mbar (by the relief valve on the Ambu bag)

3. Frequency

The operator can regulate the frequency of the push to adjust it for adults (around 3-15 cycles/min), woman (around 15-25 cycles/min) or infants (around 25-40 cycles/min).

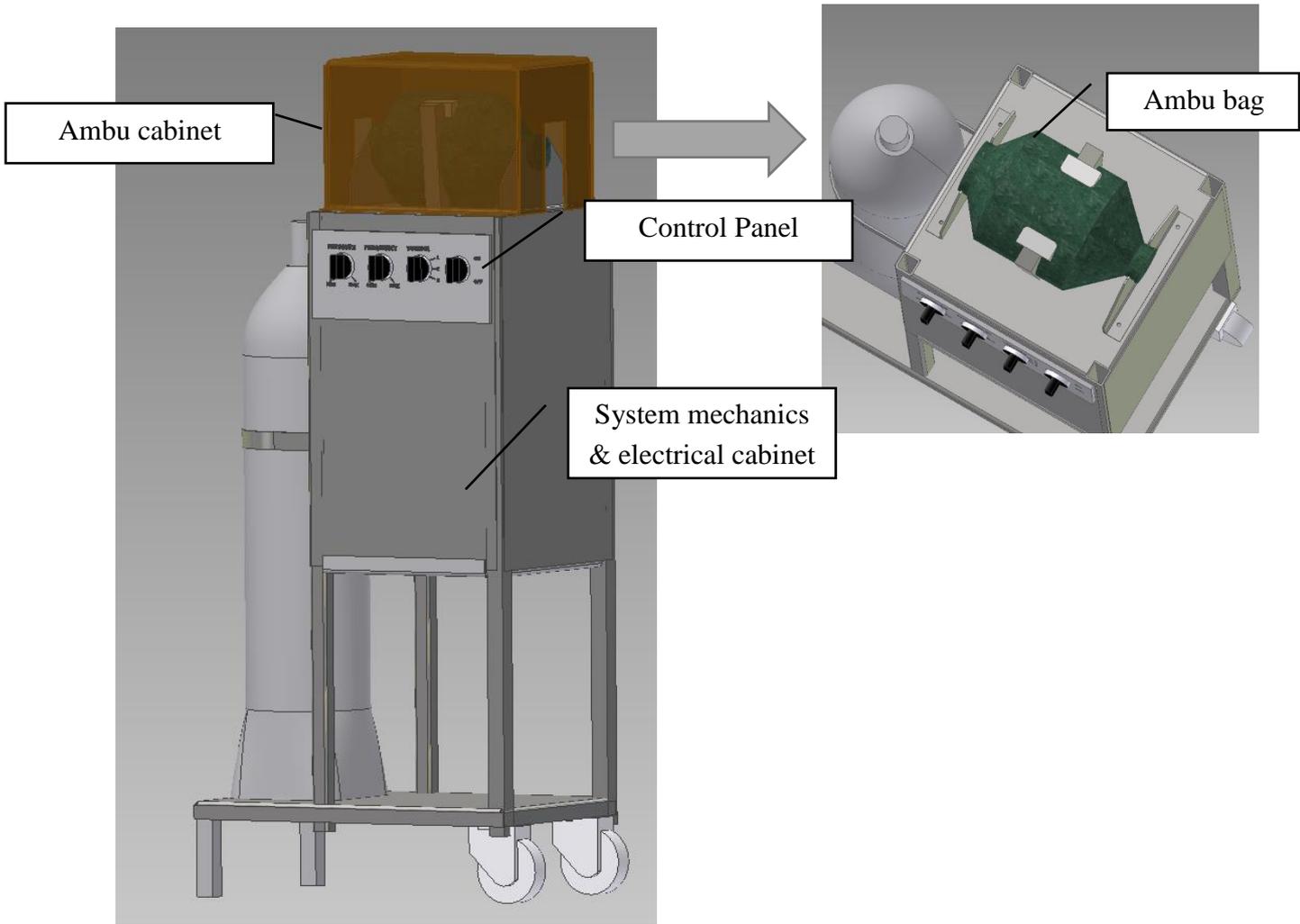
4. Oxygen mix



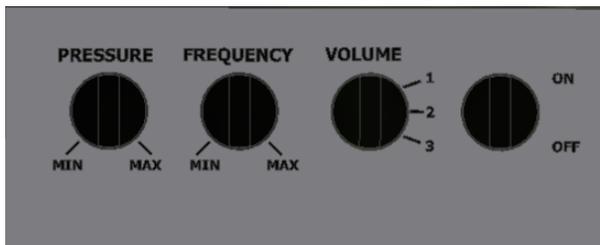
As in standard Ambu use it is possible to mix oxygen to the ventilation by connecting the Ambu bag inside the AVU to an oxygen source. The mix will be controlled by adjusting the flow from the oxygen source.



Description



Control Panel



* All images are for Illustration only

Technical Data

Dimensions	~400X250X950 mm
Weight (Oxygen source not included)	30 Kg
Max ventilation pressure	60 mbar
Cycle frequency	3-40 cycles/min
Volume per stroke	1/2 – 1 1/2 liter
Power supply	220/110V ~1A

