
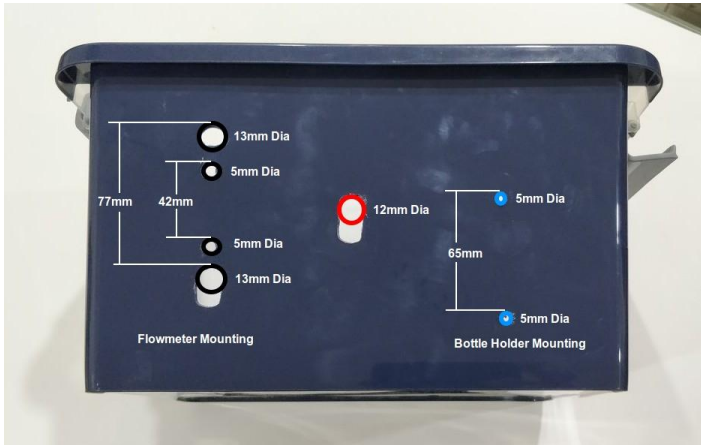


Lattice Innovations CPAP SOP Assembly Instructions		Document No – LI/QM/SOP/AI/CPAP	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

## **Assembly instruction for CPAP device**

### **1. Cut-outs & Assembly Process**

Step	Instruction	Image
1.0	Note the Location of Green Square. Make a cut out of 50mm x 40mm at the back side of the enclosure for the power chord & wall plug clearance.	 <p>Fig.0</p>
1.1	Note the location of Black circles. Install the Flowmeter in this location.	 <p>Fig.1</p>

Lattice Innovations CPAP SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

1.2 Place it as shown



Fig.2

1.3 Fix the screws to keep the flowmeter in place.



Fig.3

Lattice Innovations CPAP SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

- 1.4 Cut two PVC tubes of 250mm & 120mm length & connect the elbow connectors to the tubes as shown in the picture.



Fig.4

- 1.5 Connect the tubes to the flowmeter. There are no threads built in to the plastic connectors, tighten the elbow connectors carefully & the metal threads will automatically cut the plastic & make an airtight threading.

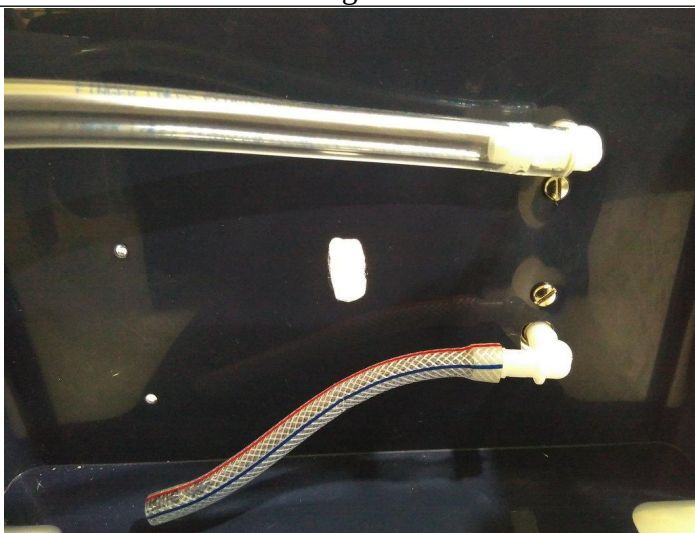


Fig.5

Lattice Innovations CPAP SOP Assembly Instructions		Document No – LI/QM/SOP/AI/CPAP	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

- 1.6 Note the location of the Blue circles. Drill two holes of 5mm (4mm suggested) dia & 65mm apart.

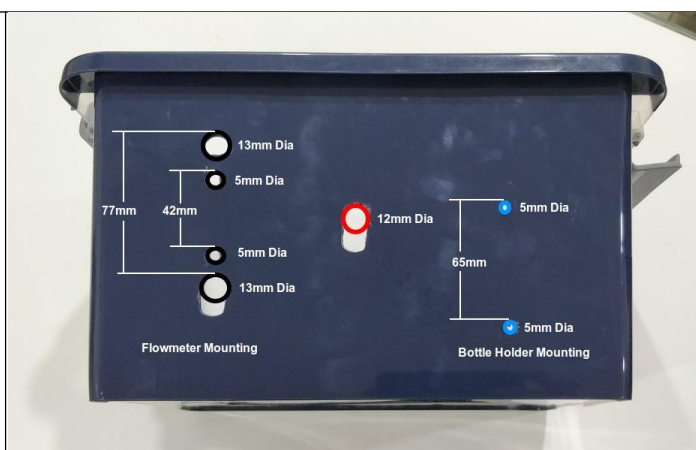


Fig.6

- 1.7 Mount the bottle holder as shown.



Fig.7

Lattice Innovations CPAP SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

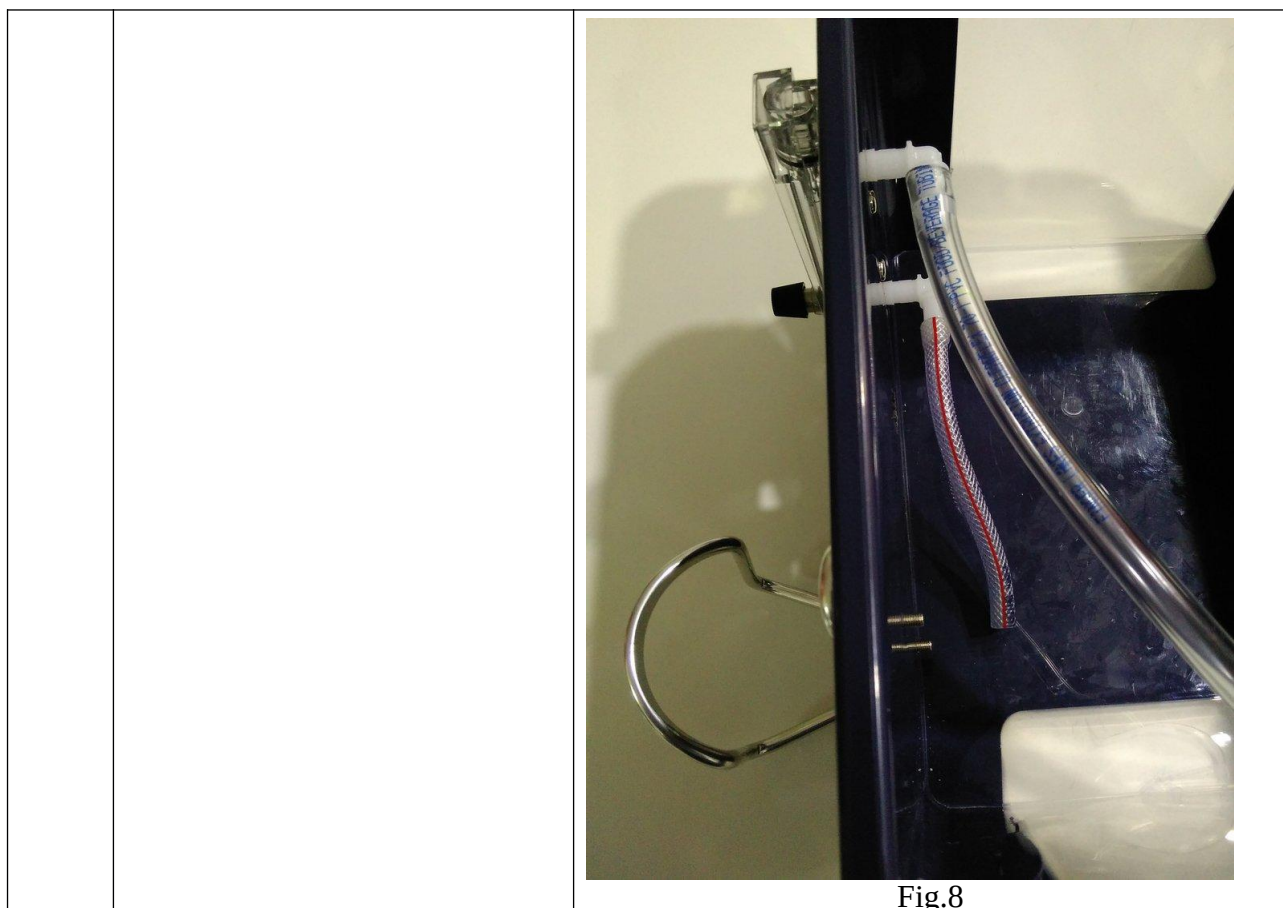


Fig.8



Lattice Innovations CPAP SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

- 1.8 Assemble the pump & connect it to the bottom tubing of the Flowmeter



Fig.9

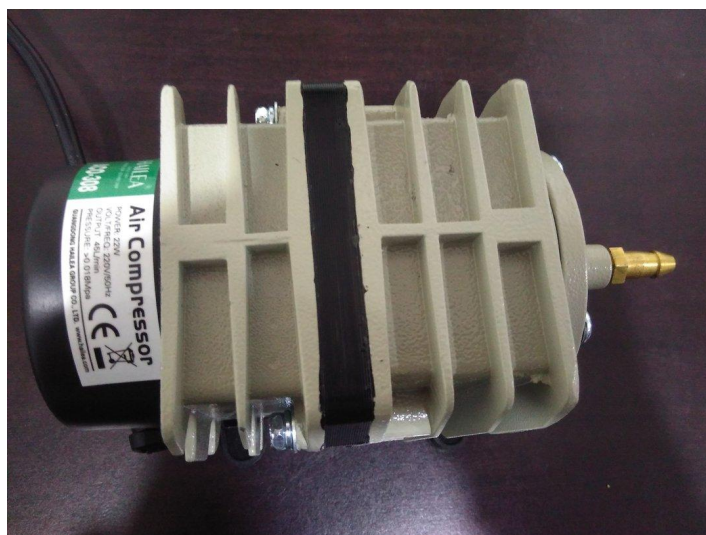


Fig.10

Lattice Innovations CPAP SOP Assembly Instructions		Document No – LI/QM/SOP/AI/CPAP	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

Fig.11



1.9 Preparation of the Humidifier

Drill two holes of 12mm dia & 110mm apart and place the threaded elbow connector as shown in the image.



Fig.12

Lattice Innovations CPAP SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

Some masking tape can be applied for achieving better grip & air-tightness.



Fig.13

- 1.10 Place the humidifier chamber in the appropriate place & connect the upper tubing from the flow-meter as shown.
- Place the wye-connector at the RED circle (Fig.6)

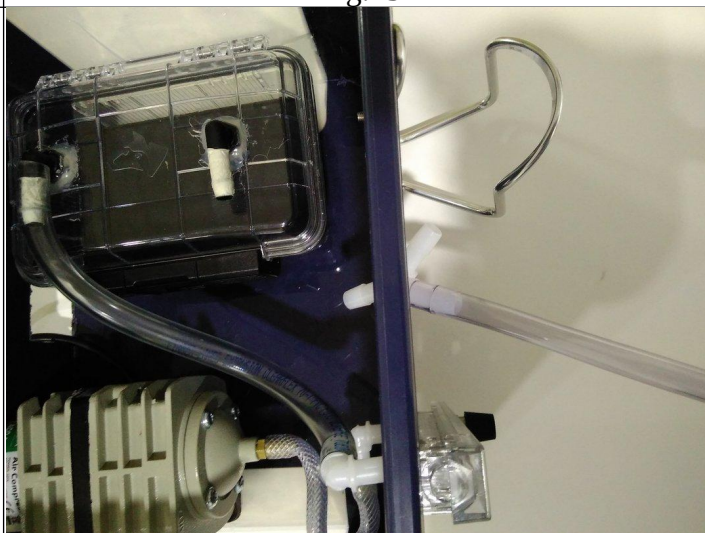


Fig.14



Lattice Innovations CPAP SOP Assembly Instructions		Document No – LI/QM/SOP/AI/CPAP	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

- 1.11 Cut a 115mm tube & place it in between the humidifier chamber & Y connector



Fig.15

- 1.12 Drill a hole of 12mm diameter at the center of the cap of the bottle & place the threaded connector & 180mm PVC pipe of 12mm internal diameter.

Drill 4 holes of 5mm diameter at the cap of the bottle to insert luer lock tubing. This tube will be connected to a 60ml or 100ml syringe for adding or reducing water to the PEEP bottle.



Fig.16

Lattice Innovations CPAP SOP Assembly Instructions		Document No – LI/QM/SOP/AI/CPAP	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

- 1.13 Place the PEEP bottle in the bottle holder & connect the tubing as shown



Fig.17

- 1.14 Connect the nasal cannula & tubing to the wye connector.



Fig.18

## 2. Images of the Assembled Product

Lattice Innovations CPAP SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

2.1 Assembled CPAP

Top View



Fig.19

2.2 Assembled CPAP

Front View



Fig.20



Lattice Innovations CPAP SOP Assembly Instructions		Document No – LI/QM/SOP/AI/CPAP	
		Version No.	01
New _____ Revised _____	Effective Date: 27-06-2017	Issuing Date: 27-06-2017	

2.3 Assembled CPAP

Back View



Fig.21

2.4 Assembled CPAP

Side View



Fig.22