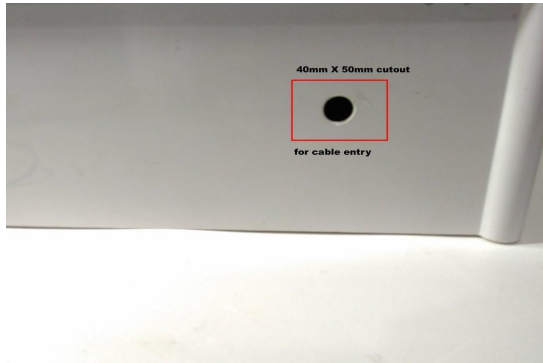




Lattice Innovations FYVE S1 SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	02
New ____  Revised ____	Effective Date:	Issuing Date: 17-07-201	

### **Assembly instruction for CPAP device**

Step 1.1 Prepare the cut outs in the main enclosure

Step	Instruction	Image
1.0	Make a 40mm X 50mm clearance for cable inlet at any of the side walls of the enclosure.	 <p>Fig.0</p>
	Note the location of the flowmeter installation cavity.	 <p>Fig.1</p>
1.2	Place it as shown	 <p>Fig.2</p>

Lattice Innovations FYVE S1 SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	02
New ____  Revised ____	Effective Date:	Issuing Date: 17-07-201	

1.3 Fix the screws to keep the flowmeter in place.

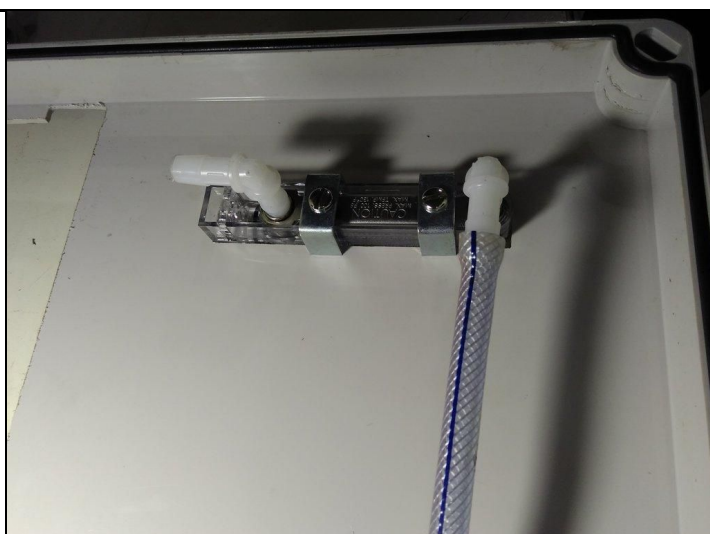


Fig.3

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

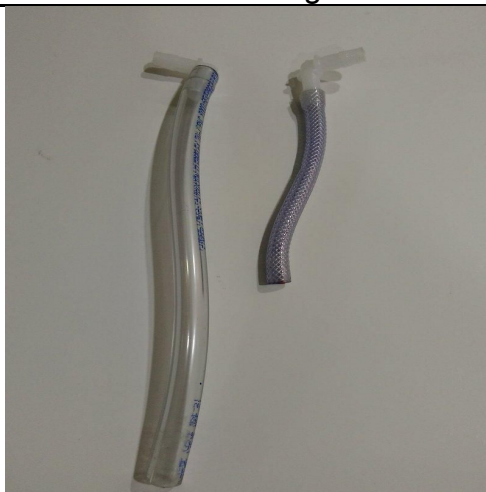


Fig.4

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.

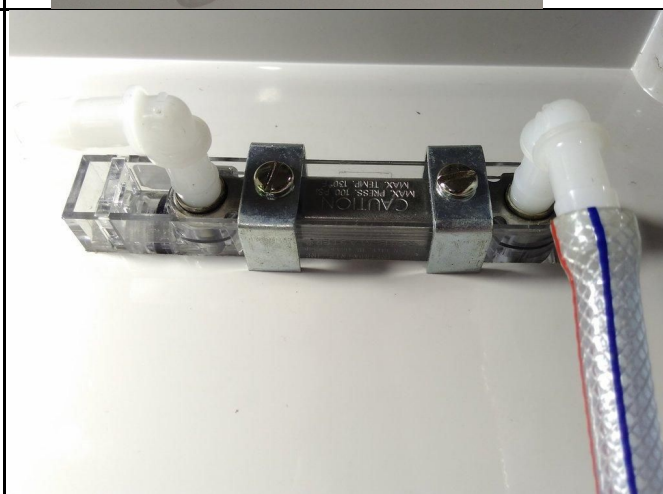


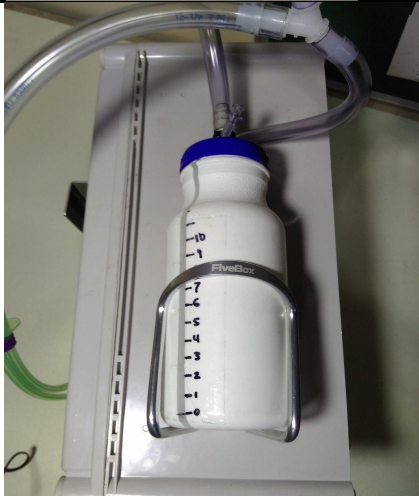
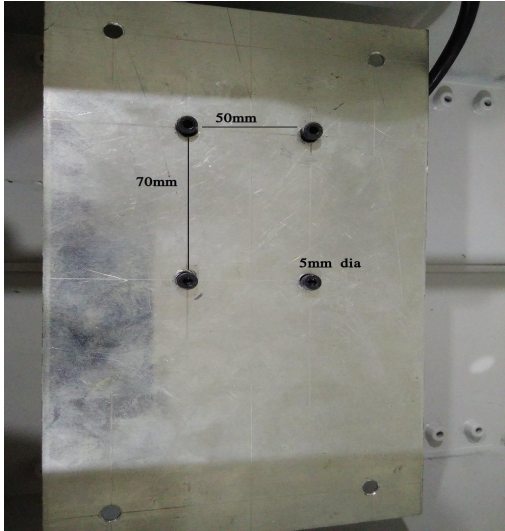
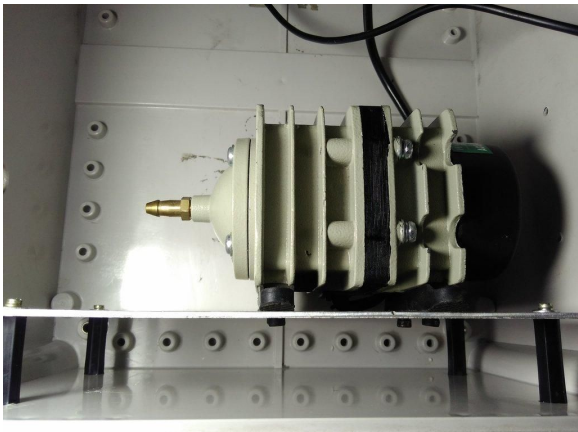




Fig.5

Lattice Innovations FYVE S1 SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	02
New ____ _____ Revised _____	Effective Date:	Issuing Date: 17-07-201	


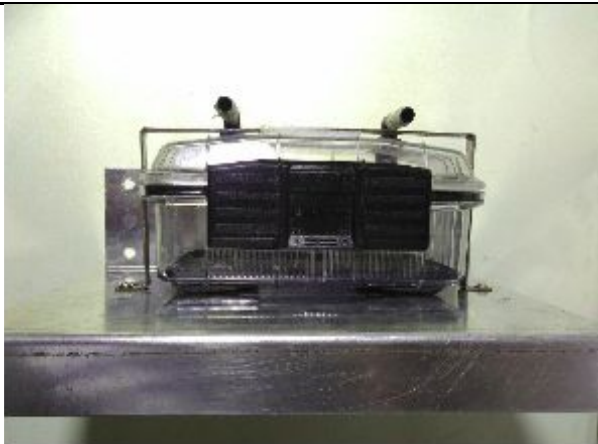

1.6	Drill two holes of 5mm dia & 65mm apart and fix the bottle holder in that location.	 <p>Fig.6</p>	
1.7	Prepare the PEEP bottle assembly		Fig.7
	PEEP bottle to be mounted as shown.		Fig.8

Lattice Innovations FYVE S1 SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	02
New ____  Revised ____	Effective Date:	Issuing Date: 17-07-201	




	<p>Prepare the base-plate for compressor mounting.</p> <p>Placement of the holes may differ depending on their actual mounting arrangement</p>	 <p>Fig.9</p>
1.8	<p>Assemble the pump &amp; place it in the mounting holes.</p> <p>Make 4 mounting holes for placing the baseplate inside the enclosure. Dimension: 190mm X 90mm</p>	 <p>Fig.10</p>
	<p>Connect the compressor outlet to the flowmeter inlet as shown.</p> <p>The outlet of the flowmeter to be connected to the inlet of the humidifier.</p>	 <p>Fig.11</p>
1.9	Preparation of the Humidifier	



Lattice Innovations FYVE S1 SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	02
New ____ _____ Revised _____	Effective Date:	Issuing Date: 17-07-201	

	<p>Drill two holes of 12mm dia &amp; 110mm apart and place the threaded elbow connector as shown in the image.</p> <p>Some masking tape can be applied for achieving better grip &amp; air-tightness.</p>	<p>Fig.12</p>  <p>Fig.13</p>
1.10	Place the humidifier chamber in the appropriate place.	 <p>Fig.14</p>
1.11	The final placement of compressor & humidifier	

Lattice Innovations FYVE S1 SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	02
New ____ _____ Revised _____	Effective Date:	Issuing Date: 17-07-201	

		Fig.15
1.12	<p>Drill a hole of 12mm diameter at the center of the cap of the bottle &amp; place the threaded connector &amp; 180mm PVC pipe of 12mm internal diameter.</p> <p>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.</p>	 <p>Fig.16</p>
1.13	<p>Cut a 115mm tube &amp; place it in between the humidifier chamber outlet &amp; Y connector.</p> <p>Connect the nasal cannula &amp; tubing to the wye connector.</p>	 <p>Fig.17</p>
1.14	Assembled bubble CPAP	

Lattice Innovations FYVE S1 SOP Assembly Instructions		Document No – <i>LI/QM/SOP/AI/CPAP</i>	
		Version No.	02
New ____ _____ Revised _____	Effective Date:	Issuing Date: 17-07-201	

		Fig.18
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