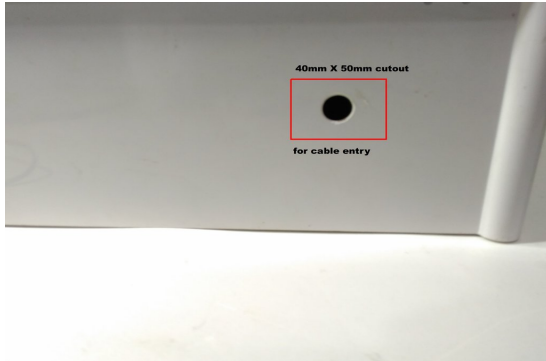
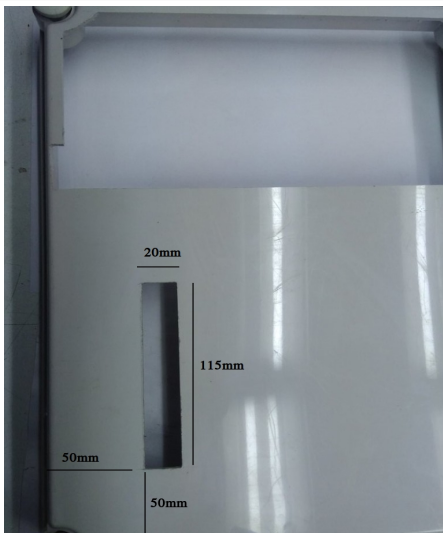



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Assembly instruction for CPAP device

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>

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- 1.3 Fix the screws to keep the flowmeter in place.

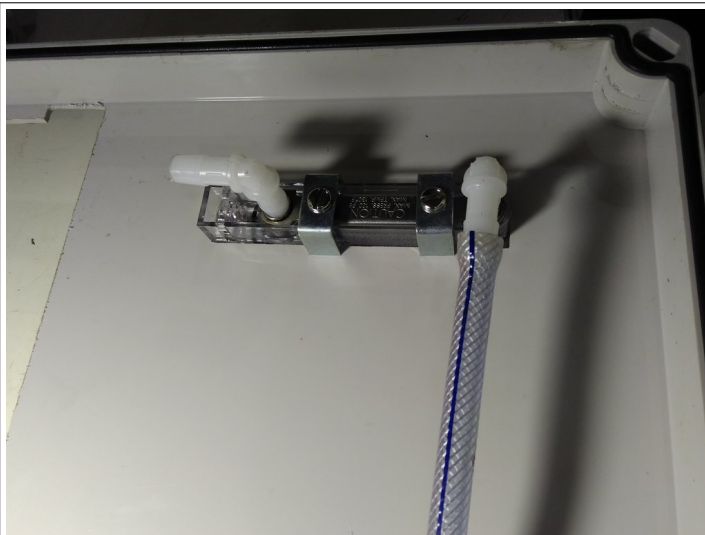


Fig.3

- 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.

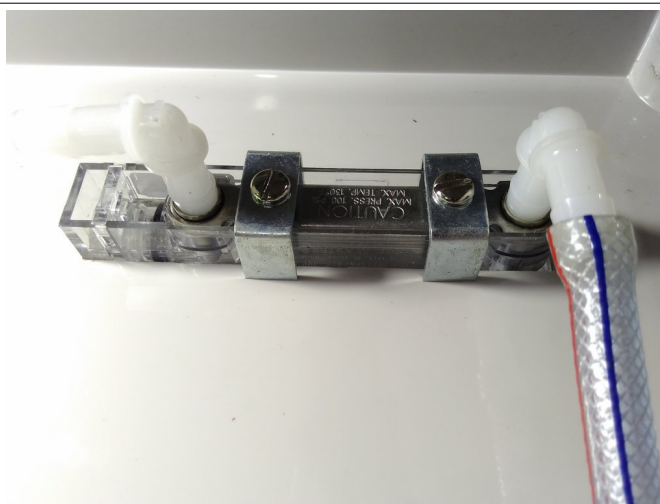


Fig.5

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- 1.6 Drill two holes of 5mm dia & 65mm apart and fix the bottle holder in that location.



Fig.6

- .7 Prepare the PEEP bottle assembly



Fig.7

- PEEP bottle to be mounted as shown.



Fig.8

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Prepare the base-plate for compressor mounting.

Placement of the holes may differ depending on their actual mounting arrangement

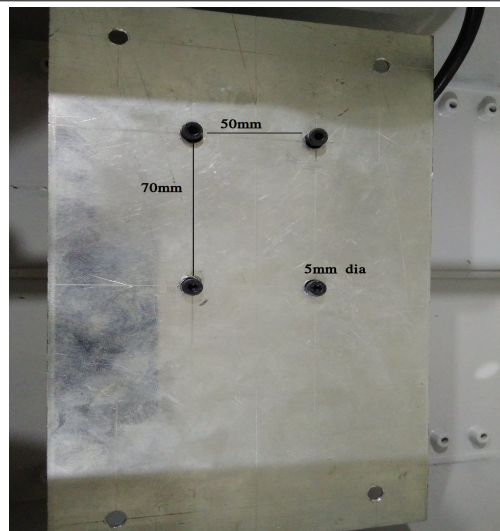


Fig.9

1.8 Assemble the pump & place it in the mounting holes.

Make 4 mounting holes for placing the baseplate inside the enclosure. Dimension: 190mm X 90mm

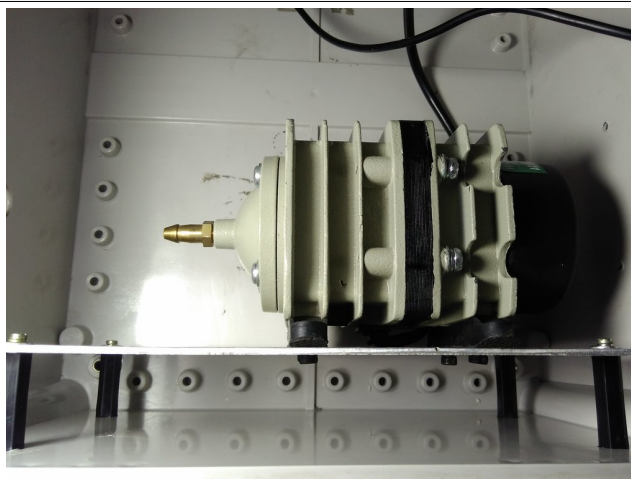


Fig.10

Connect the compressor outlet to the flowmeter inlet as shown. The outlet of the flowmeter to be connected to the inlet of the humidifier.



Fig.11

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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.

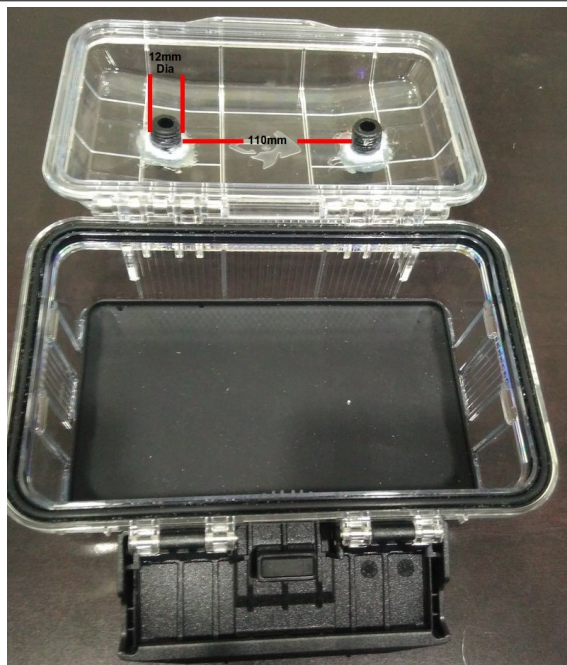


Fig.12

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



Fig.13

1.10 Place the humidifier chamber in the appropriate place.

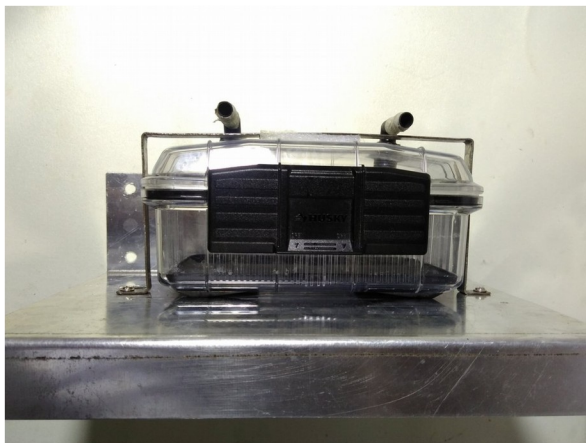


Fig.14

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- 1.11 The final placement of compressor & humidifier



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

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1.13 Cut a 115mm tube & place it in between the humidifier chamber outlet & Y connector.

Connect the nasal cannula & tubing to the wye connector.



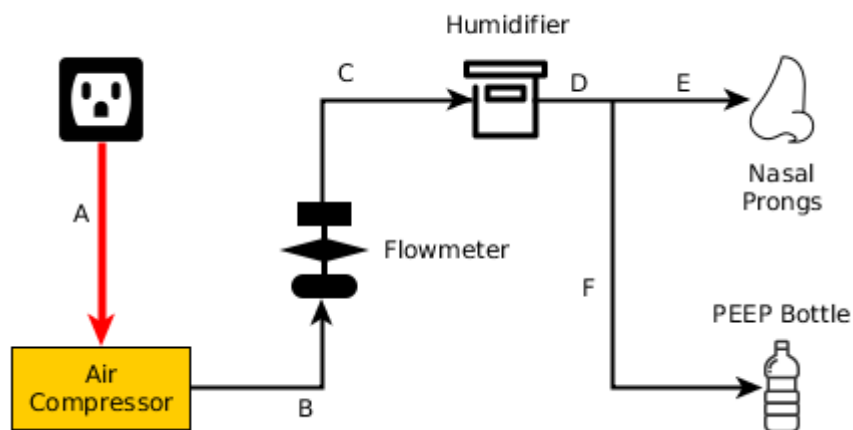
Fig.17

1.14 Assembled bubble CPAP



Fig.18

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Bubble CPAP breathing circuit