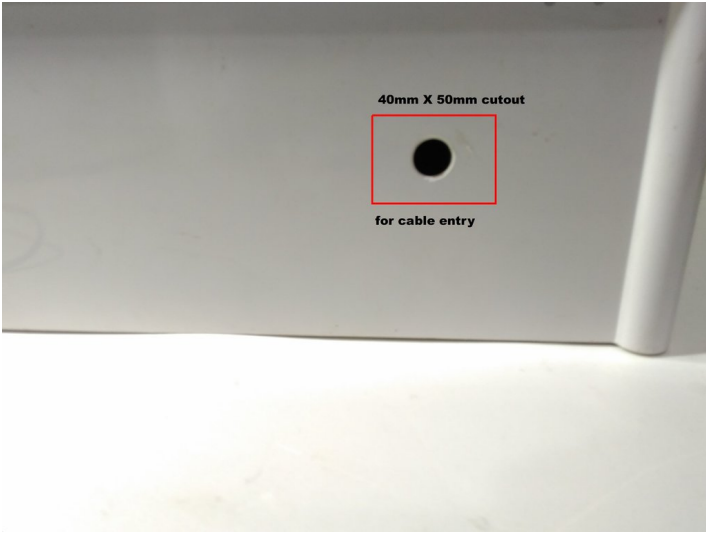



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Assembly instruction for CPAP device

Step 1.1 Prepare the cut outs in the main enclosure

Step	Instruction	Image
1.0	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	Make a cutout of 20mm X 117mm for Flowmeter mounting	 <p>Fig.1</p>

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1.2 Front side of the assembly



Fig.2

1.3 Cut two PVC tubes of 500mm & 180mm length & connect the elbow connectors to the tubes as shown in the picture.



Fig.3

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1.4 Flowmeter position & mounting.

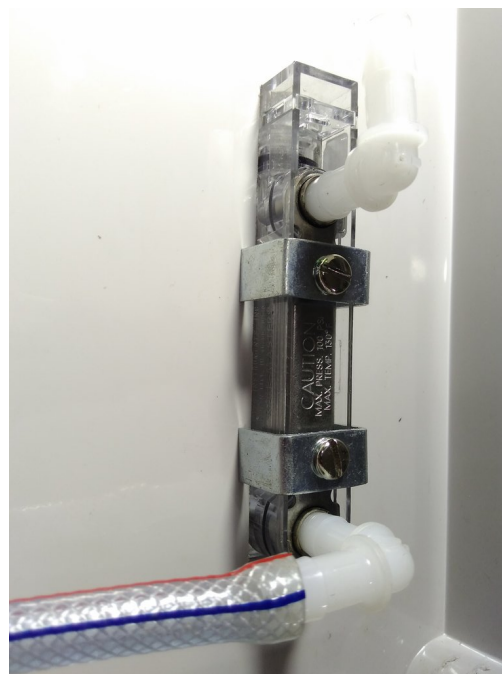


Fig.4

1.5 The threading is already done by inserting & twisting the L connector to the flow-meter inlet & outlets.

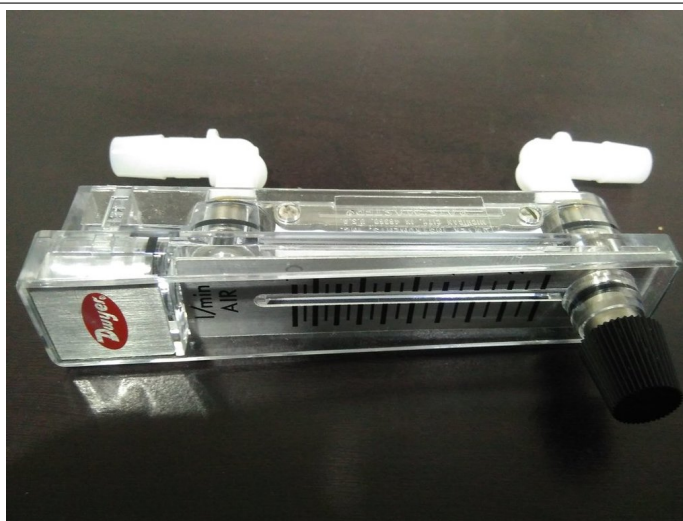


Fig.5

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1.6 Now the assembly should look like this.

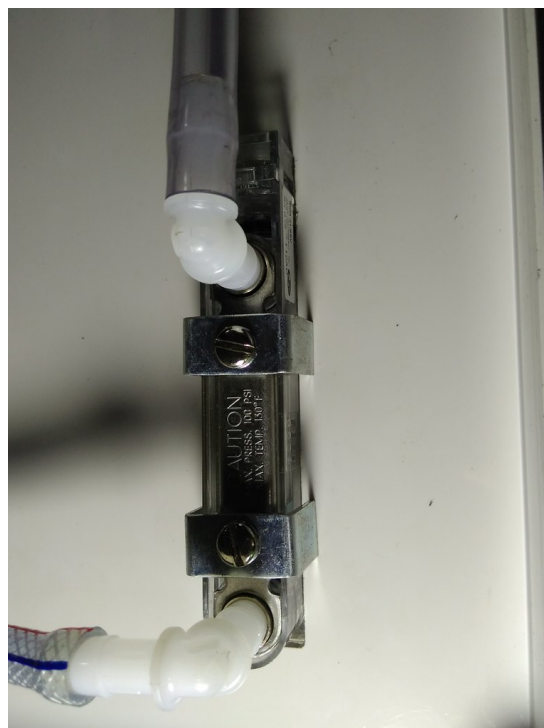


Fig.6

.7 Cut two holes 30mm apart, as shown, for PEEP bottle mounting.



Fig.7

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- 1.8 Make four holes in the enclosure & the Base plate.

Base Plate size is 130mm X 220mm

Use 30mm spacer in between the between base of the enclosure & the metallic base plate.

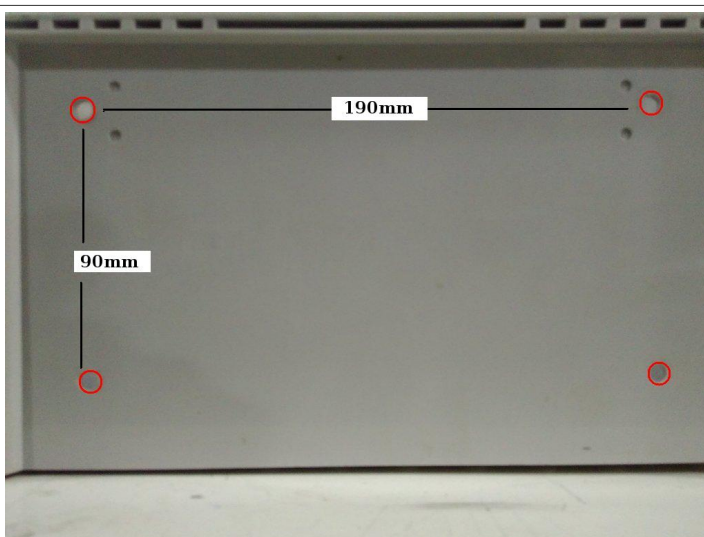


Fig.8

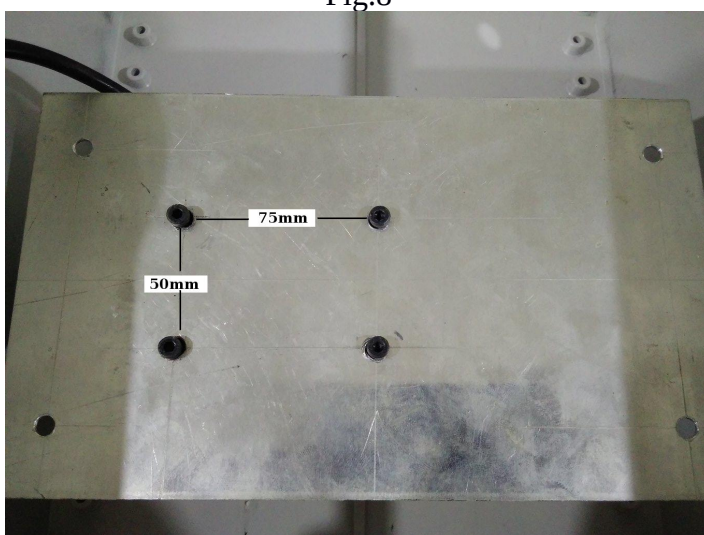


Fig.9

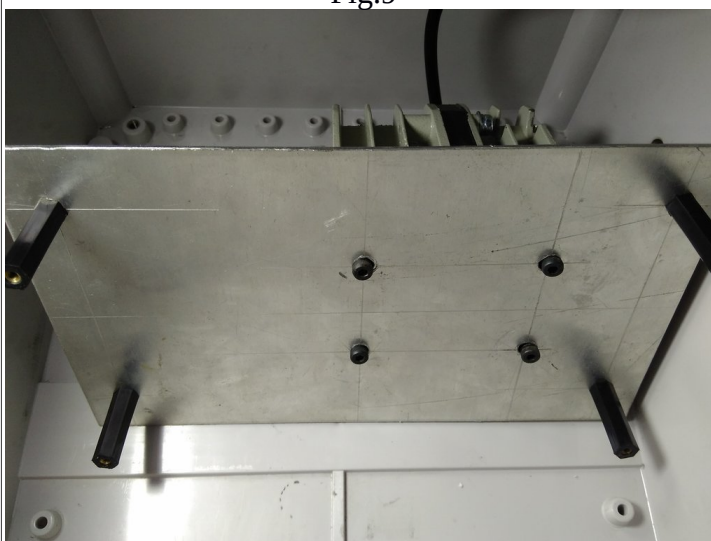


Fig.10

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Pump mounted.

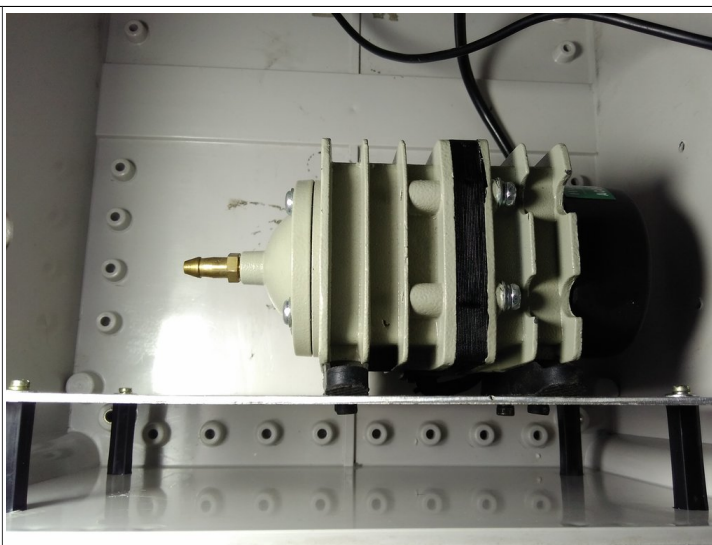


Fig.11

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

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



Fig.13

1.10 Prepare the rest for humidifier chamber

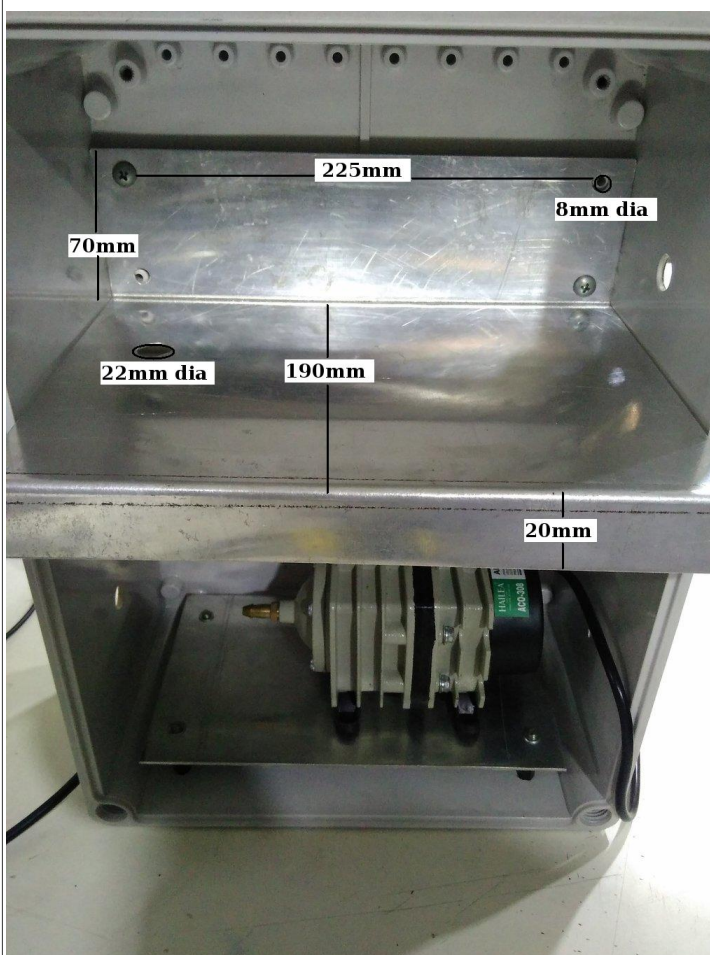


Fig.14

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1.11 20mm + 85mm + 175mm +85mm
+ 20mm U-clamp to fix the
chamber in position

4mm mounting holes required on
either side of the humidifier
chamber for placing the clamp

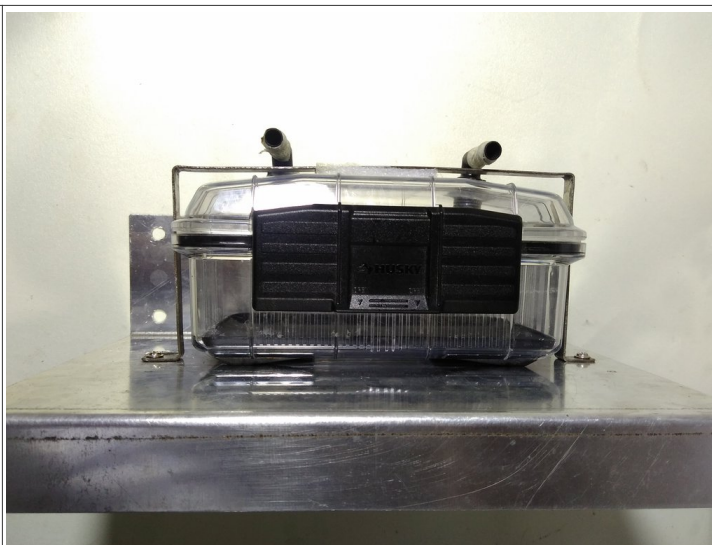


Fig.15

1.12 Two seperate chambers for pump
& humidifier placement.

Make a 22mmdia hole for air pipe
clearance.



Fig.16

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- 1.13 Connect the inlet & outlet of the flowmeter as shown in the picture.



Fig.17

- 1.14 The outlet tubing from flowmeter to be connected to the humidifier.



Fig.18

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

Prepare the peep bottle.



Fig.19

- 1.16 Bottle Placement.



Fig.20

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1.17 Assembled CPAP

Front View



Fig.21