

CORMMORANT INSTALLATION INSTRUCTIONS

1. Please make sure that the roof structure is adequate to carry the 50Kg air conditioner. If in doubt about the ability of the roof to carry the extra load, please use an “H” frame to distribute the load to the walls.
2. Prepare a 356 mm square hole in the roof. Box up all round with timber at least 25mm thick.
3. Run the power cable into this hole from either side. Seal the hole in the boxing to eliminate air leakage.
4. Place a generous bead of silicone sealant around the 356 square hole.
5. Lift the unit over the hole and position it symmetrically.
6. Position the clamp ring on the inside and insert the 10mm cap screws into the corner holes.
7. Using a hex key tighten these hold down bolts firmly.
8. Using blue point connectors or similar connect the power supply to the main cable from the unit.
9. Install the extension duct spigot on the fan discharge with four screws.
10. Fit the rectangular duct extension to the spigot and mark the duct flush with the ceiling line.
11. Remove the duct extension and trim with a knife or sissors.
12. Reinstall the extension duct.
13. Remove the plastic horizontal duct from the plenum assembly.
14. Fit the plastic horizontal duct to the extension duct and check that it runs parallel with the van.
15. Drill through the two holes each end into the clamp ring. Using the screws provided screw up the horizontal duct firmly.
16. Connect the control cable from the unit to the mating plug from the fascia.
17. Lift the fascia up and locate on the horizontal duct. Use the four No 8 screws provided to screw the fascia up to the duct.
18. Remove the filters to expose the screw holes along the sides of the facia. Drill and screw 3 holes per side and use the counter sink screws provided. NB: These screws are only for drawing the face up to a slightly warped or curved ceiling. They are not meant to support the weight of the plenum assembly.
19. Refit the filters.

COMMISSIONING THE UNIT

1. Turn on the power to the unit.
2. Press the *ON/OFF* button.
The *ON/OFF* lamp illuminates.
One of the *MODE* lamps illuminate
FAN speed, either high or low will illuminate.
The *DIGITAL READ OUT* will show the indoor air temperature.
3. Choose *FAN* and choose *HI*. The fan will run.
4. Choose *COOL* mode.
Adjust the set point to at least 2C below room temperature by repeatedly pressing the *TEMP* down arrow. This set point will flash for a few seconds until the display returns to the actual room air temperature. The compressor will start after three minutes and cool air will be discharged.
5. Choose *HEAT* mode.
Adjust the set point at least 2C above the room air temperature. Ensure warm air is discharged after some delay. NB: The fan will not start immediately as it waits for the inside heat exchanger to warm.

The above instructions can be inputted either at the fascia or with the remote control.