

H45cc Electrical Stage

Fwd Air Conditioner Installation

FWD A/C System Installation:

1. Connect A/C water pick up hose to A/C unit side flow fitting, secure the hose to this fitting using 2 piece #10 hose clamps.
2. Connect A/C water discharge hose to A/C water discharge fitting, secure the hose to this fitting using 2 piece #10 hose clamps. And connect the other end of this hose to A/C discharge thru hull fitting and secure the hose to thru hull barb fitting using 2 designated hose clamps.
3. Connect 110V power supply top A/C module and connect 2 pin connectors that comes with control module. Connect both male and female connectors.
4. Mount and sure the control module box on starboard bunk middle divider fwd face.
5. The A/C remote cable that comes from control module box, run this cable to electrical panel cutout for A/C remote panel.
6. Connect remote cable to fwd A/C remote cable then mount and secure the remote panel on electrical panel.
7. Connect 110V A/C Relay to Relay Box then mount and secure the box under galley (below galley manifold)



Flow in and flow out fittings, connect water pick & discharge hose on both fitting as indicated

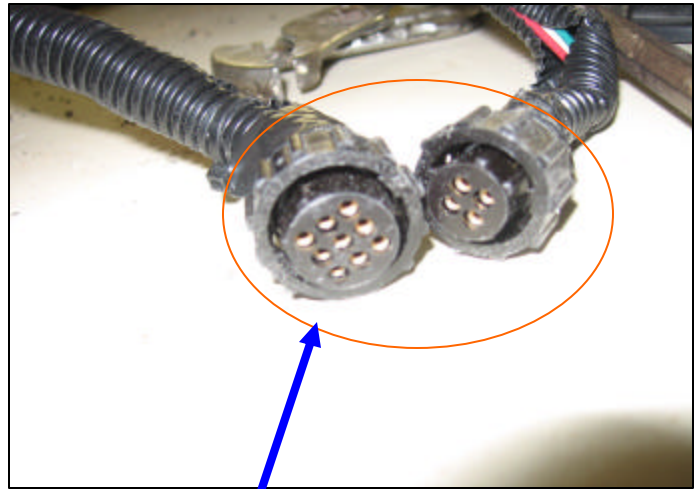


Mount Air Cond control module box aft to A/C unit

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Connect 110V to A/C control module box. 2 harness comes with module box that will connect to A/C unit male connector



Connect the 2 pin connectors to pin connectors that comes with A/C



This A/C relay box is mount under galley cutout. Hull harness #1 bus bar is mounted beside the relay module, Conduit 1-10 wires



Looping A/C discharge hose up to settee shelf.

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Run Fwd Air Conditioner remote cable up to electrical panel cutout, connect the cable to remote panel and mount and secure the remote panel on this electrical panel.



Installation complete of Fwd Air conditioner Unit

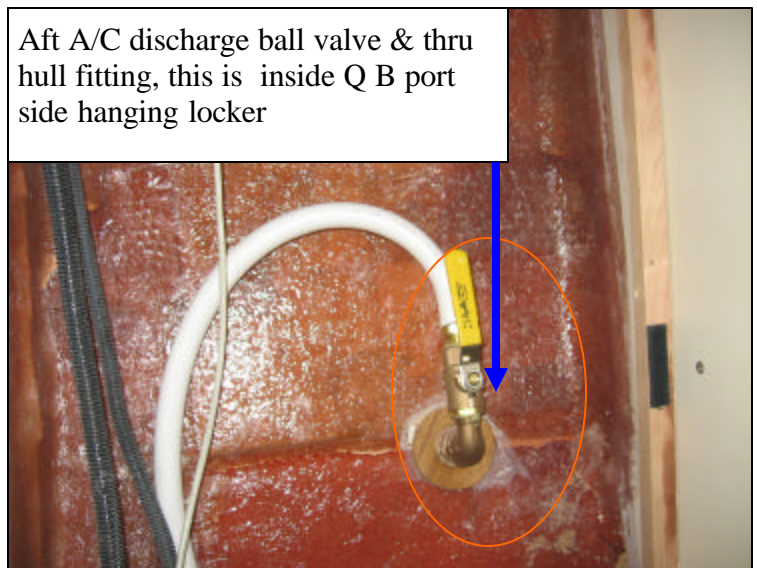
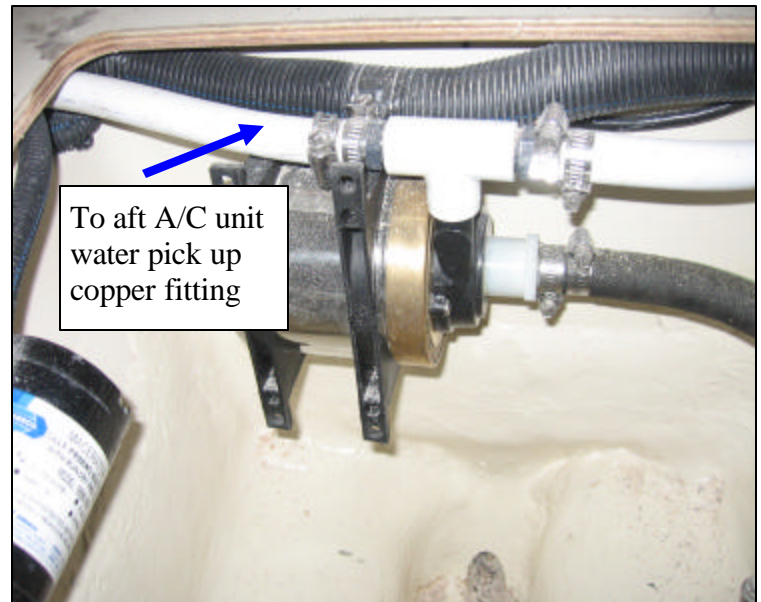


H45cc Electrical Stage Aft Air Conditioner Installation

Aft Air Conditioner Installation:

1. Connect aft A/C water pick up hose on A/C pick up pump fitting, secure the hose to fitting using 2 designated hose clamps.
2. Connect aft A/C discharge hose to barb fitting that is mounted inside QB port hanging locker hull sheer, secure the hose using designated hose clamps.
3. Place aft A/C unit in engine cabinet upper platform with its evaporator on port side.
4. Connect and install A/C pick up hose and discharge hose to flow copper fitting. And secure the A/C unit to platform.
5. Mount and secure A/C evaporator water drain elbow on A/C stainless bottom pan, connect water drain hose to this elbow and secure the hose using 2 designated hose clamps. Run the other end of this hose down to pan (water will drain to main bilge).
6. Connect 110V power supply top A/C module and connect 2 pin connectors that comes with control module. Connect both male and female 9 pin connectors.
7. Mount and secure the control module box on starboard side of A/C unit platform.
8. The A/C remote cable that comes from control module box, run this cable to port side aft engine box bulkhead A/C control panel cutout location.
9. Connect remote cable to aft A/C remote cable then mount and secure the remote panel on bulkhead cutout.
10. Connect 110V A/C Relay to Relay Box then mount and secure the box under galley (below galley manifold).
11. Apply marine sealant 795 to caulk around A/C water drain elbow.

Mount & secure the A/C control box in fwd of A/C unit, run and conduit remote cable along bottom of A/C pan then run this cable to QB hanging locker aft bulkhead cutout. Hold this cable using tie wraps



H45cc Electrical Stage Aft Air Conditioner Installation

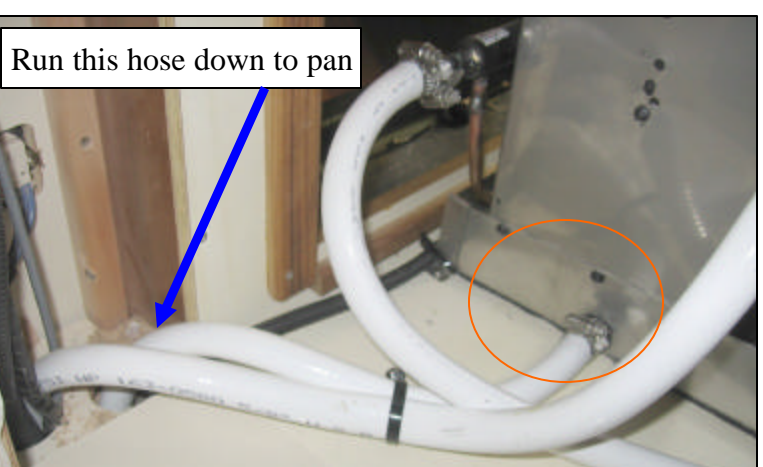


Aft A/C unit is mounted under steering gear box, if the boat is equipped with autopilot, the A/C unit is under autopilot steering motor, so ensure you mount A/C unit is appropriate location.

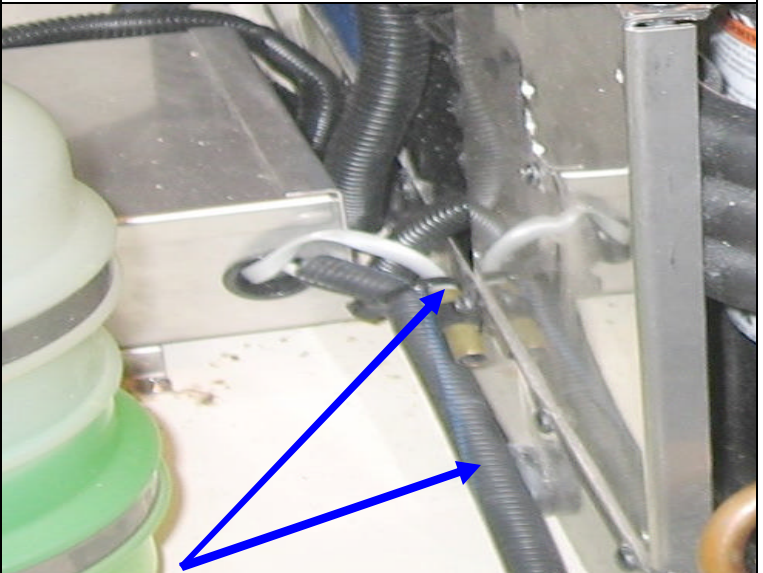
Ensure the A/C unit mounting will provide maximum clearance to its surrounding.



Secure 4 A/C mounting brackets on A/C platform using 4 pieces #10 pan head wood screws.



connect water drain hose to this elbow and secure the hose using 2 designated hose clamps



Temperature sensor and remote control cable are ran like this shown picture

Mount & secure the aft A/C remote control panel on QB hanging locker aft face

