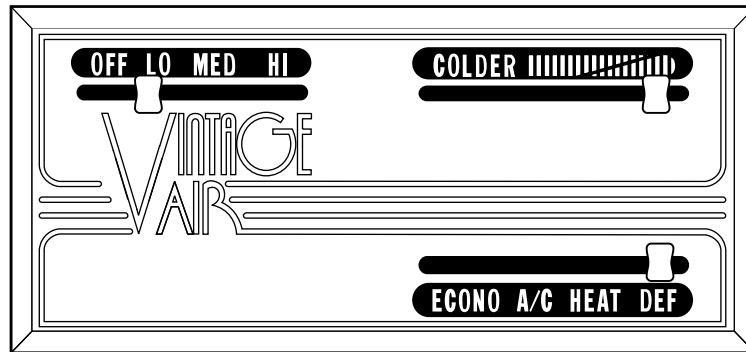




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INSTALLATION INSTRUCTIONS FOR HORIZONTAL PROLINE CONTROL PANELS

49120-VUQ BRUSHED ALUMINUM
49220-VUQ BLACK ANODIZED



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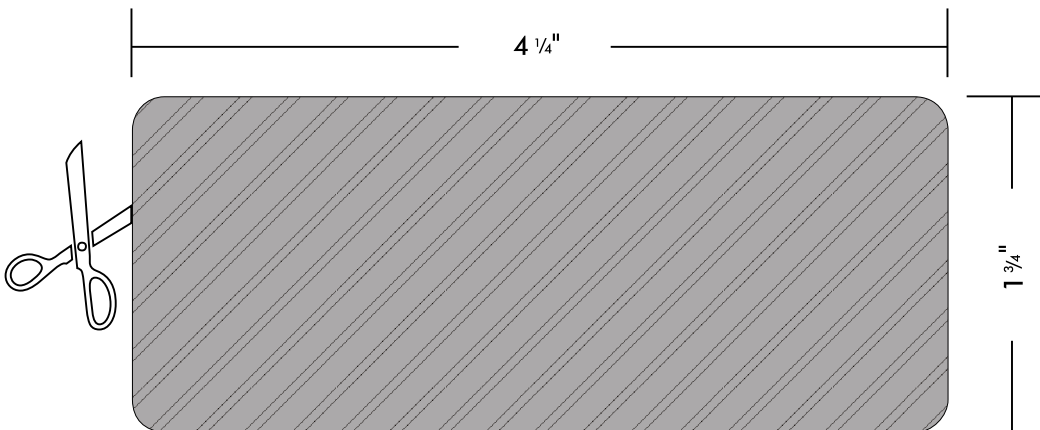
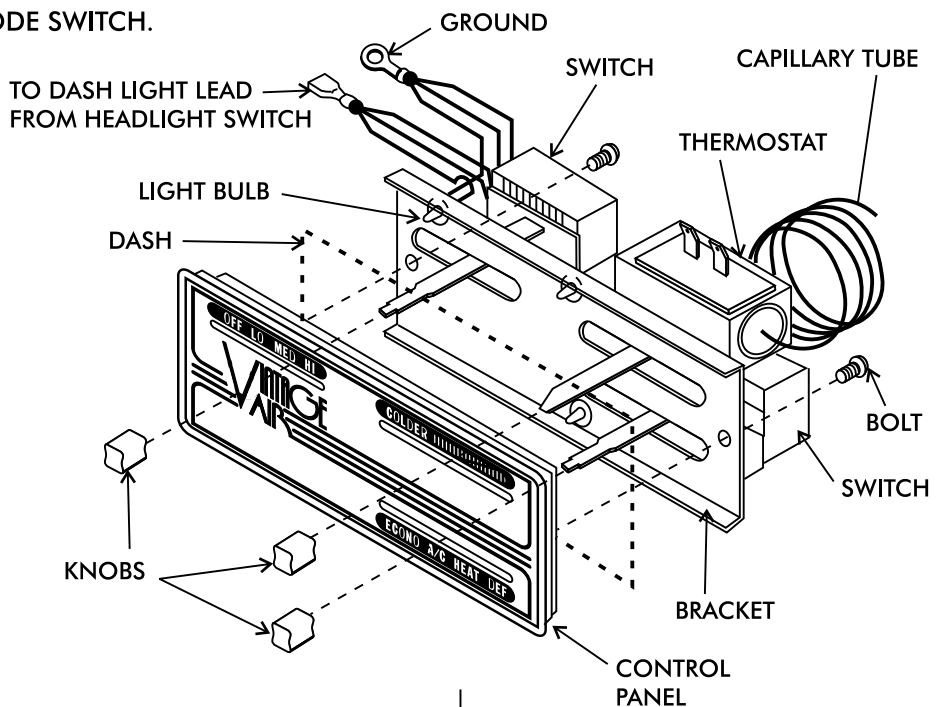
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INSTALLATION INSTRUCTIONS FOR HORIZONTAL PROLINE CONTROL PANEL

1. CUT OUT TEMPLATE ON DOTTED LINE. CHECK DIMENSIONS BEFORE CUTTING.
2. TAPE TEMPLATE TO DASH WITH MASKING TAPE.
3. MARK DASH WITH MARKER OR SCRIBE.
4. CUT OUT OPENING FOR PANEL.
5. WIRE PANEL ACCORDING TO WIRING DIAGRAM.
6. INSERT PANEL FROM FRONT OF DASH.
7. INSTALL SWITCH MOUNTING PLATE TO PANEL WITH (2) SCREWS. **NOTE: THIS WILL SECURE PANEL IN PLACE.**
8. UNCOIL CAPILLARY TUBE ON THERMOSTAT AND INSERT INTO EVAPORATOR AS INDICATED.
9. TEST CONTROLS.
 - A. TOP LEFT LEVER IS FAN SPEED.
 - LOW, MEDIUM AND HIGH BLOWER.
 - THIS WILL ALSO SEND POWER TO MODE SWITCH.
 - B. TOP RIGHT LEVER IS UNIT THERMOSTAT.
 - C. BOTTOM RIGHT LEVER IS MODE SWITCH.
 - ECONOMY
 - A/C
 - HEATER
 - DEFROST / AC POWER

THIS STICKER LOCATED
ON TOP SIDE OF
EVAPORATOR CASE

INSERT THERMOSTAT
CAPILLARY TUBE
THRU THIS HOLE.
ENTIRE THICKNESS OF
EVAPORATOR COIL.

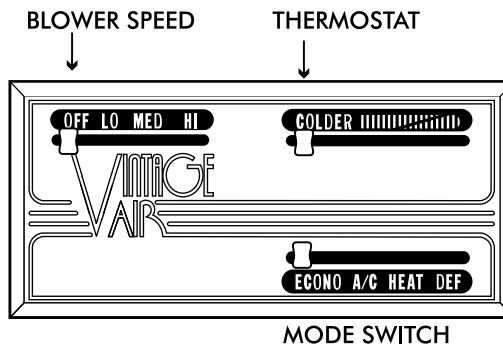




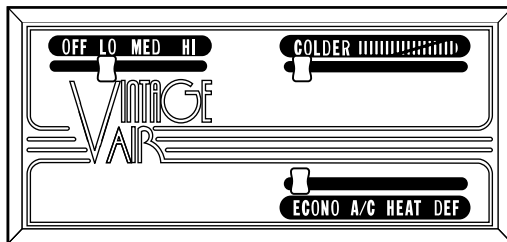
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OPERATION OF CONTROLS FOR HORIZONTAL PROLINE CONTROL PANEL

SYSTEM OFF
 SLIDING THE FAN SPEED SWITCH TO **OFF** WILL SHUT DOWN THE SYSTEM IN ANY MODE.

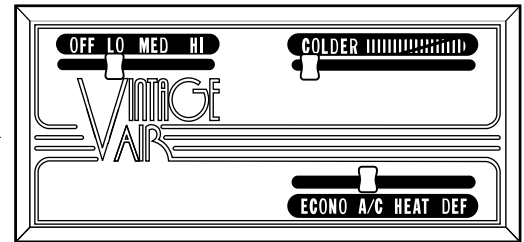


ECONO MODE



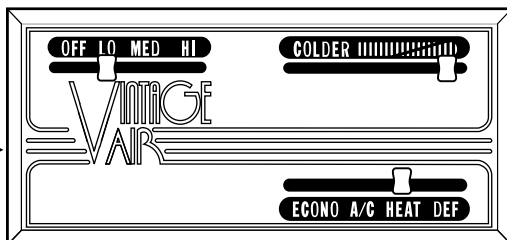
SELECT FAN SPEED.
 SET MODE SWITCH TO ECONO FOR RECIRCULATION WITHOUT AC/HEAT/DEFROST.

A/C MODE



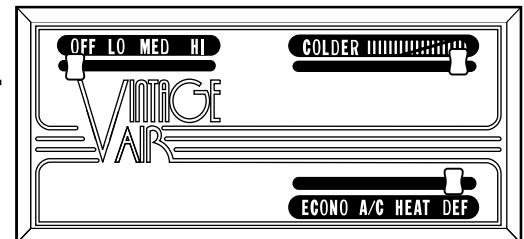
SELECT FAN SPEED.
 SET MODE SWITCH TO A/C. SLIDE THERMOSTAT KNOB TO COLDER.

HEAT MODE



SELECT FAN SPEED.
 SET MODE SWITCH TO HEAT. THE THERMOSTAT HAS NO EFFECT IN HEAT MODE. THE HEAT IS CONTROLLED BY BLOWER SPEED.

DEFROST MODE



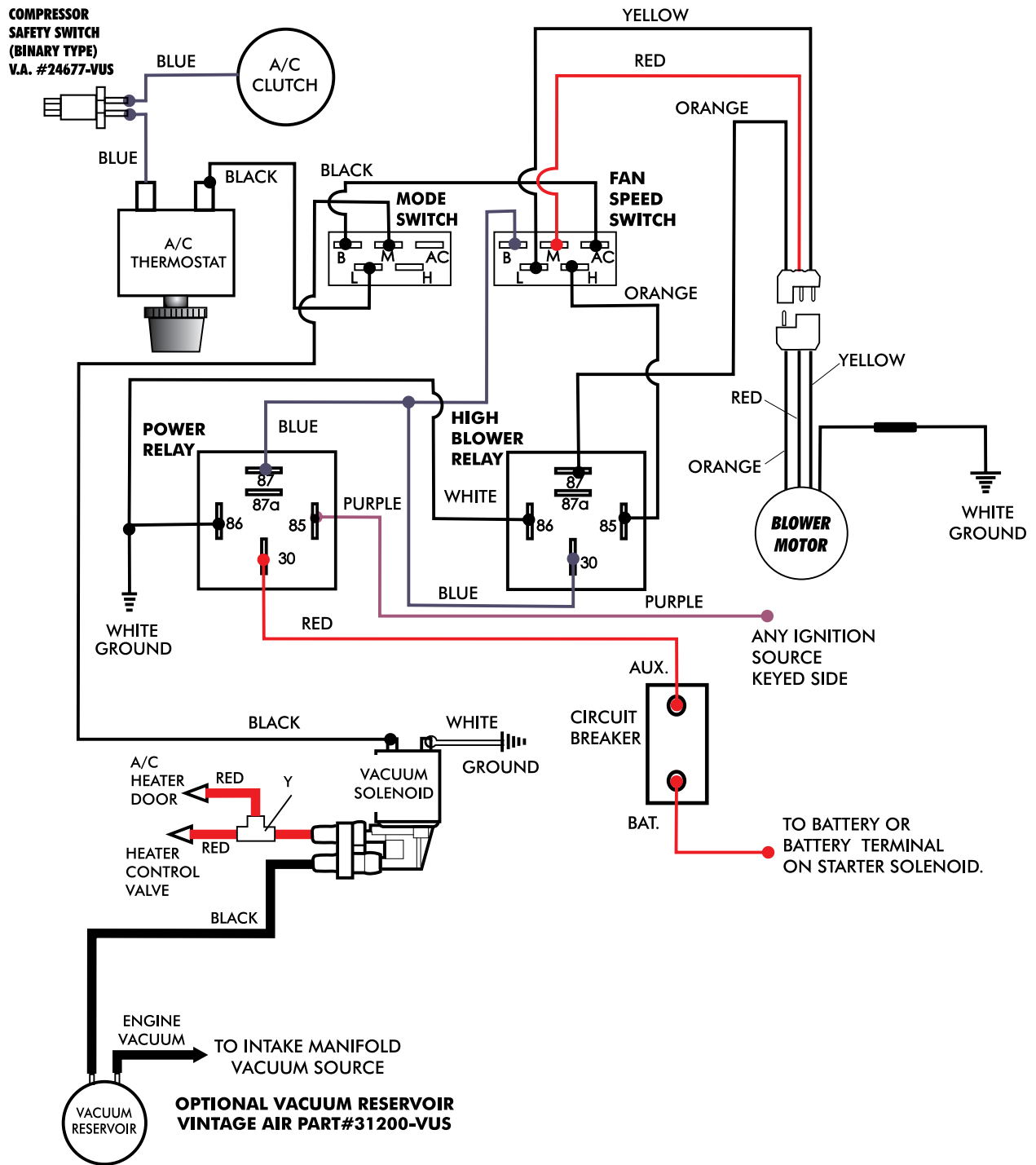
SELECT FAN SPEED.
 SET MODE SWITCH TO DEFROST. SLIDE THERMOSTAT KNOB TO COLDER COMPRESSOR SHOULD ENGAGE AT THIS TIME.



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WIRING/VACUUM DIAGRAM

HORIZONTAL CONTROL PANEL
HEAT/COOL



WIRES = ● — ●

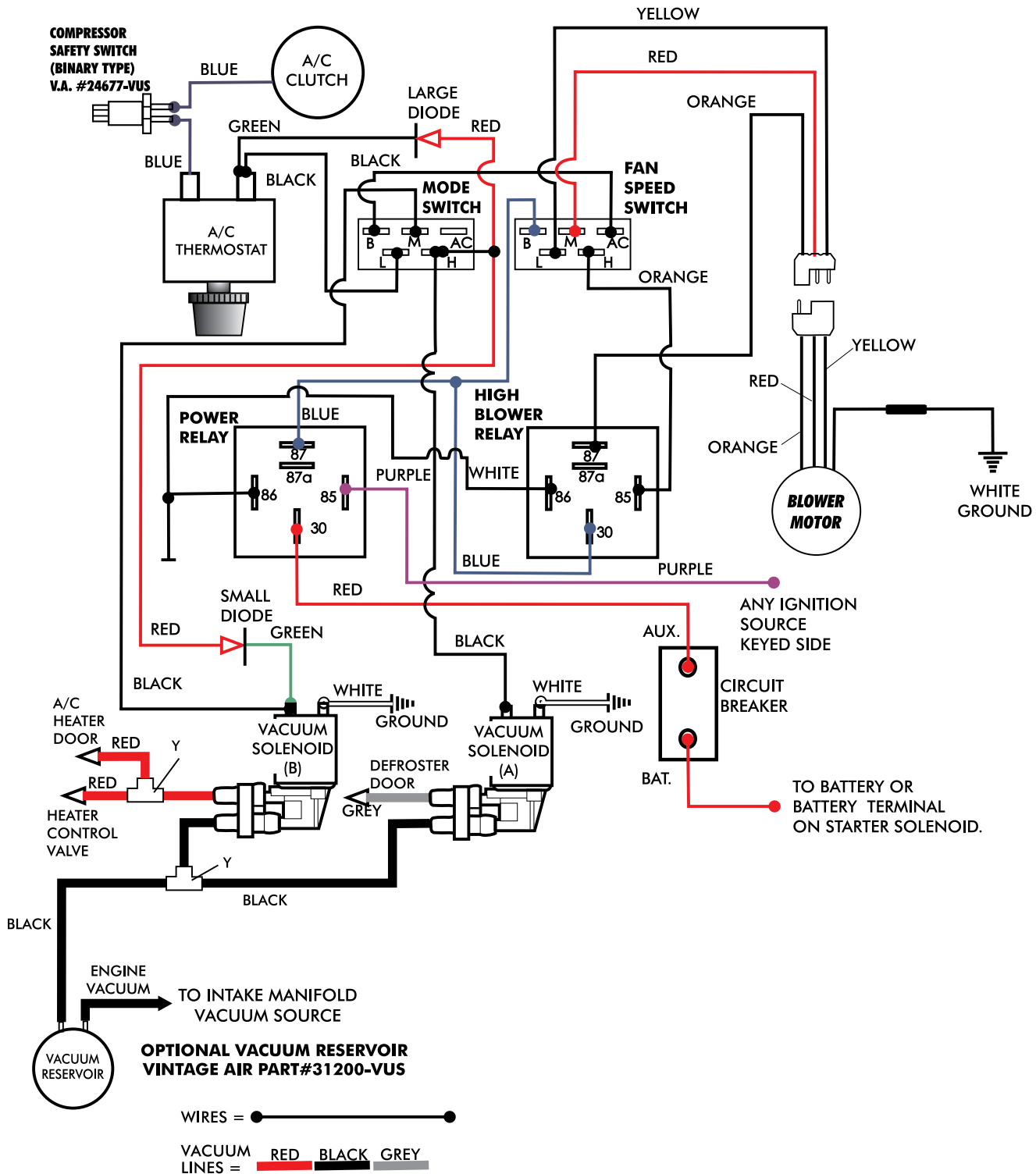
VACUUM LINES = █ █



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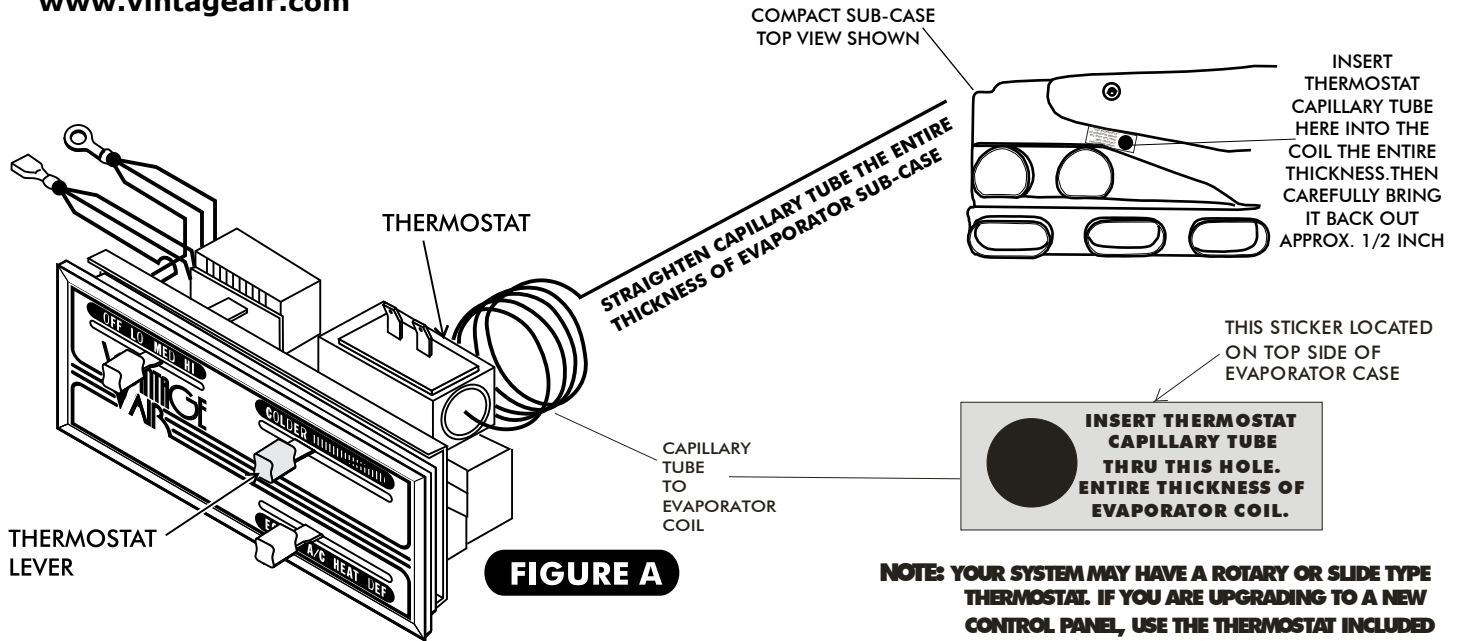
WIRING/VACUUM DIAGRAM

HORIZONTAL CONTROL PANEL
HEAT/COOL/DEFROST





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NOTE: YOUR SYSTEM MAY HAVE A ROTARY OR SLIDE TYPE THERMOSTAT. IF YOU ARE UPGRADING TO A NEW CONTROL PANEL, USE THE THERMOSTAT INCLUDED WITH THE NEW PANEL. REMOVE YOUR ORIGINAL THERMOSTAT AND DISCARD.

AIR CONDITIONING ADJUSTMENTS:

- THE AIR CONDITIONER THERMOSTAT CONTROLS THE EVAPORATOR COIL TEMPERATURE.
- SLIDING THE KNOB ON THE THERMOSTAT TO THE RIGHT MAKES THE SYSTEM OPERATE WARMER. THE COMPRESSOR CLUTCH WILL CYCLE OFF FREQUENTLY AND THE A/C SYSTEM WILL NOT GET AS COLD AS IT COULD.
- SLIDING THE KNOB TO THE LEFT MAKES THE SYSTEM OPERATE COLDER. IF THE THERMOSTAT IS SET TOO COLD THE EVAPORATOR COIL WILL "ICE UP" - THE EVAPORATOR COIL IS RESTRICTED WITH ICE AND COLD AIR FLOW WILL BE REDUCED.

ADJUSTING A/C THERMOSTAT

1.) SYMPTOM: THE A/C WORKS WELL AT FIRST THEN QUILTS COOLING. THE AIR FLOW FROM THE VENTS IS LOW AND THE COMPRESSOR CYCLES INFREQUENTLY.

SOLUTION: THE THERMOSTAT IS SET TOO COLD AND THE EVAPORATOR IS "ICING UP" AND RESTRICTING AIR FLOW. ALLOW THE ICE TO MELT AND SET THE THERMOSTAT WARMER BY SLIDING TO THE RIGHT A 1/4" AT A TIME UNTIL THE SYMPTOMS DIMINISH.

2.) SYMPTOM: A/C NEVER GETS COLD AND THE COMPRESSOR CLUTCH CYCLES FREQUENTLY.

SOLUTION: THE THERMOSTAT IS SET TOO WARM. SET THE THERMOSTAT COLDER BY SLIDING TO THE LEFT 1/4" AT A TIME UNTIL THE COMPRESSOR CLUTCH CYCLES INFREQUENTLY. AVOID SETTING THE THERMOSTAT TOO COLD.

3.) SYMPTOM: THE A/C NEVER GETS COLD, SOMETIMES EVEN BLOWS HOT, AND THE A/C COMPRESSOR CLUTCH INFREQUENTLY CYCLES OFF.

SOLUTION: THE HEATER MAY BE ON AT ALL TIMES. CAREFULLY FEEL AROUND THE HEATER HOSES AT THE FIREWALL. THEY SHOULD BE COLD WHEN THE A/C IS ON. IF THE HOSES ARE HOT....

- A) - THE HEATER CONTROL VALVE MAY BE INSTALLED BACKWARDS. CHECK THE FLOW DIRECTION ARROW ON THE VALVE AGAINST THE ILLUSTRATION IN YOUR INSTALLATION INSTRUCTIONS.
- B) - CABLE OPERATED: THE VALVE MAY BE MISADJUSTED.
- C) - HEATER CONTROL VALVE IS INSTALLED IN WRONG HEATER HOSE. CHECK YOUR INSTALLATION INSTRUCTIONS TO VERIFY PROPER INSTALLATION.