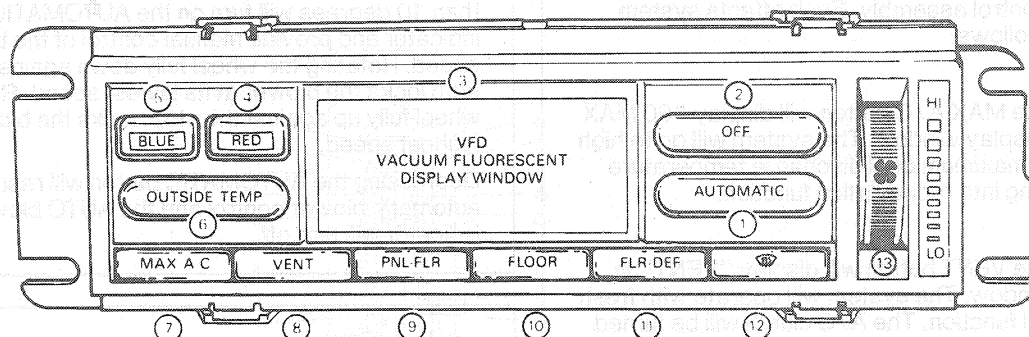


## DESCRIPTION AND OPERATION (Continued)

## Control Head Operational Diagram



- |   |  |   |   |
|---|--|---|---|
| ① | AUTOMATIC ON BUTTON                          | ⑦ | OVERRIDE BUTTON FOR MAX A C OPERATION       |
| ② | A C SYSTEM OFF BUTTON                        | ⑧ | OVERRIDE BUTTON FOR VENT OPERATION          |
| ③ | DISPLAYS SELECTED TEMP, OUTSIDE TEMP, OR OFF | ⑨ | OVERRIDE BUTTON FOR PANEL-FLOOR OPERATION   |
| ④ | BUTTON TO RAISE TEMPERATURE                  | ⑩ | OVERRIDE BUTTON FOR FLOOR OPERATION         |
| ⑤ | BUTTON TO LOWER TEMPERATURE                  | ⑪ | OVERRIDE BUTTON FOR FLOOR-DEFROST OPERATION |
| ⑥ | BUTTON TO DISPLAY OUTSIDE TEMP               | ⑫ | OVERRIDE BUTTON FOR DEFROST OPERATION       |
| ⑬ | BLOWER SPEED OVERRIDE CONTROL                |   |   |

CCL 3114-E

## System Description

## (1) AUTOMATIC

Depressing the AUTOMATIC button turns the system on for fully automatic operation. When functioning automatically the VFD window will be lighted to show the selected temperature. The system will maintain this temperature by controlling the airflow direction (functional setting), the airflow quantity (fan speed), and the discharge temperature required for comfort.

When heating is required, the airflow will automatically be directed through the floor ducts and demisters with a small amount of air through the defroster. During cool weather, the fan operation will be delayed until the engine has heated sufficiently to provide warm discharge temperatures.

When cooling is required, the airflow will be directed through the instrument panel registers. The registers can be adjusted for optimum comfort. When maximum cooling is required, the system will automatically operate with recirculated air for rapid cool-down and automatically change to outside air as the vehicle interior approaches the selected temperature.

In moderate conditions, the system will automatically operate in a split mode, with airflow directed through the floor ducts and through the windshield defroster ducts at a moderate temperature and fan speed.

## (2) OFF

Depressing the OFF button will turn the system off completely and display the word OFF in the digital display window.

## (3) Digital Display Window

The digital display window will indicate one of three displays depending upon the manual selection:

1. Selected comfort temperature.
2. Outside temperature.
3. OFF when system is off.

## (4) RED

The red button is used to raise the temperature setting. Press the button once to raise the temperature one degree. Holding the button in will continuously raise the temperature setting in one-degree increments to 29°C (85°F) and then will jump to 32°C (90°F) in one step for continuous maximum heating.

## (5) BLUE

The blue button is used to lower the temperature setting. Press the button once to lower the temperature one degree. Holding the button in will continuously reduce the temperature setting in one-degree increments to 18°C (65°F) and then will jump to 15°C (60°F) in one step for continuous maximum cooling.

## (6) OUTSIDE TEMP

Depressing this button will display the outside temperature for four seconds and will automatically change back to the previous display. Outside temperature may be selected any time the ignition switch is in the RUN position whether the system is on or off.