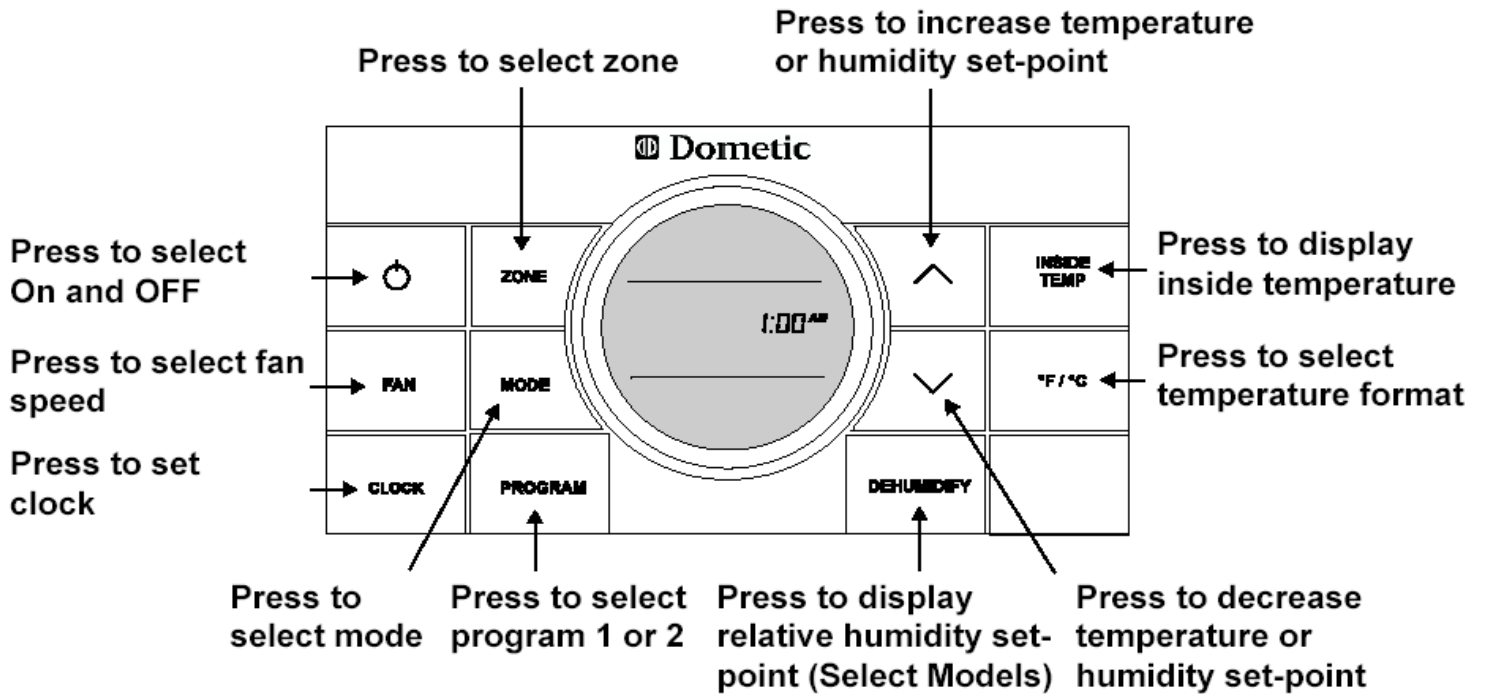


Dometic

Quick reference to control buttons



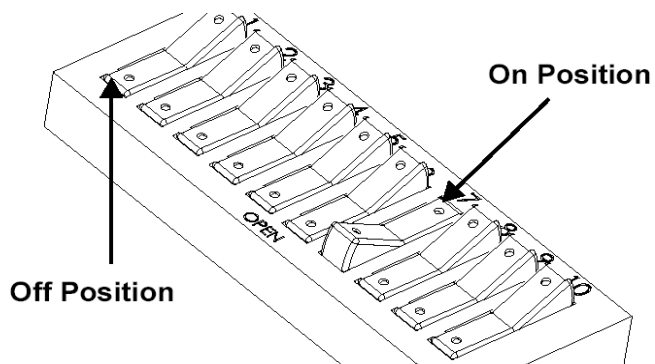
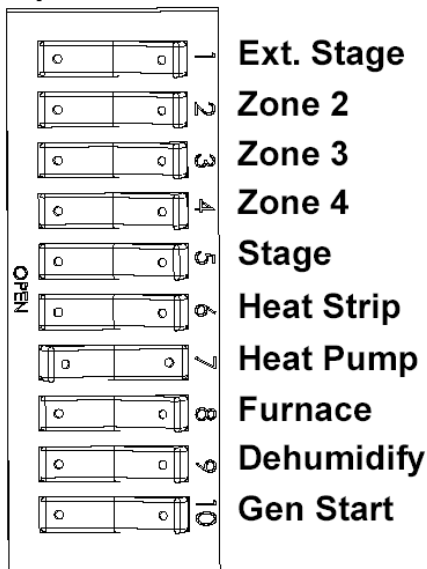
System Initialization

The system initialization shall be initiated with the thermostat turned "OFF" (Either a blank display or clock only showing). Simultaneously press and hold the **MODE** and **ZONE** buttons. The LCD will display "IniT" and all available zones. Release the **MODE** and **ZONE** buttons. Press the **ON/OFF** button to exit.

System Configuration

The installer of the system will set the required system DIP switches to the ON position.

Dip Switches



The Diagnostic mode shall be initiated with the thermostat turned "OFF" (Either a blank display or clock only showing). To enter the diagnostic mode, simultaneously press the "Program", "Fan" & "F/C" buttons. When the system is in the diagnostic mode, the display backlight shall be on continuously. The LCD will show "dIGN", the zone and the two digit number for diagnostic command. The only active push buttons in the diagnostic mode shall be "zone", "up", "down" and "ON/OFF". Diagnostic commands are selected by pressing the "up" or "down" buttons. To exit the diagnostic mode, press the ON/OFF button. Diagnostic command information is provided in the table below.

Diagnostic Command	Description	Comment
00	All outputs OFF	
01	Low Speed Fan ON	
02	Medium Speed Fan ON	
03	High Speed Fan ON	
04	Reversing Valve ON	
05	Compressor ON	
06	Heat Strip ON	
07	Furnace Output ON	
08	Load Shed Output ON	
09	LCD shows Indoor Temperature for the Remote Sensor	E2 if missing, E3 if shorted
10	LCD shows Outdoor Temperature	E4 if missing
11	LCD shows Evaporator Coil Temperature	E5 if missing
12	LCD shows 120 VAC status	'On' or '--'
13	LCD shows Load Shed Status	'On' or '--'
14	LCD shows Stage DIP Switch Position	'On' or '--'
15	LCD shows Heat Strip DIP Switch Position	'On' or '--'
16	LCD shows Heat Pump DIP Switch Position	'On' or '--'
17	LCD shows Furnace DIP Switch Position	'On' or '--'
18	LCD shows Dehumidifier DIP Switch Position	'On' or '--'
19	LCD shows Gen Start DIP Switch Position	'On' or '--'
20	LCD shows Ext Stage DIP Switch Position	'On' or '--'

Error Codes

- E1 – Loss of communications
 - Two power module DIP switches set as same zone.
 - Communication cable.
 - 12 Volt DC not clean, Try direct DC from battery.
 - Causes Power Module to shut down
- E2 – Room Air Sensor Open Circuit or Out of Range
 - Unlikely to occur; if no Remote Sensor, CCC2 sensor is used.
 - Useful in Diagnostic Mode to test if Remote Sensor is installed on zone or open.
 - No Heat, Cool or Dehumidify operation
- E3 – Room Air Sensor Short Circuit
 - Error shown if either Remote Sensor or CCC2 sensor is shorted
 - No Heat, Cool or Dehumidify operation
- E4 – Outdoor Ambient Sensor is Open or Out of Range
 - No Heat Pump operation
- E5 – Freeze Sensor is Open or Out of Range
 - No Cooling operation
- E6 – Open Circuit Humidity Sensor
 - Dehumidify operation is inhibited not used on current units
- E7 – 120 VAC not Detected
 - 120 second delay to allow for GEN START operation
 - All 120 VAC relays switched OFF (Furnace Relay not affected)
- E8 – Invalid Zone Configuration
 - Heat Pump & Heat Strip selected on same zone. Not allowed.
 - No Heat, Cool or Dehumidify operation on affected zone
- E9 – Invalid Zone Configuration
 - Dehumidify & Heat Pump or Heat Strip selected
 - No Heat, Cool or Dehumidify operation

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Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!



DARREN KOEPP - OWNER, MY RV WORKS, INC.

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