SYSTEM OVERRIDE
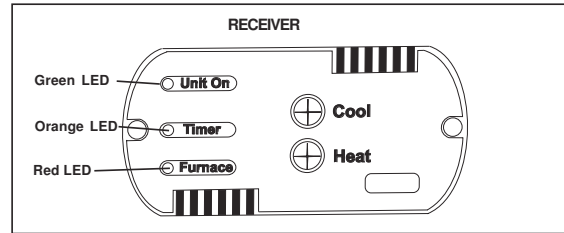
1. This is useful in the event the remote batteries are low or the remote is misplaced.
2. **System Override - Cooling Operation**
   a. Push the **"Cool"** button on the receiver.
   b. System goes to the cooling mode with a set point of 74 °F.
3. **System Override - Heating Operation (if connected to furnace)**
   a. Push the **"Heat"** button on the receiver.
   b. System goes to the **"heat"** mode with a set point of 68 ºF.

Note: If an electric heat strip is present, the control system will automatically choose this option even if a furnace is present. If the system does not have a heat strip then the furnace option will be chosen. The system can be turned **"OFF"** by pushing the same button (cool/heat) a second time.

RECEIVER

Green LED — Unit On
Orange LED — Timer
Red LED — Furnace

Cool
Heat

"I FEEL" OPERATION

1. The cool, heat, furnace or auto change mode must be selected.
2. Set the temperature at the desired level, and push the **"I Feel"** button. The **"I FEEL"** symbol will appear on the display and a **beep** will sound indicating that the unit is in **"I FEEL"** mode.

I FEEL

3. The hand held remote becomes the temperature sensor and must be positioned to send updated signals to the receiver every four minutes.
4. The temperature can be adjusted to the desired level from the remote for its specific location.

Note: If the remote is placed in a location where the receiver cannot locate a signal for 16 minutes, the system will ignore the hand held remote and retain the last set-point.

Note: The remote should not be placed in an area that is warmer or colder than the rest of the living space (direct sunlight or air conditioner discharge drafts).

FAHRENHEIT/CELSIUS TEMPERATURE DISPLAY

1. Locate the F°/C° Button under the door of the hand held remote. Push the button to display Fahrenheit (F°) temperature reading or press again to display Celsius (C°)

REMOTE RESET

1. The **"Reset Button"** is located on the hand held remote under the door below the **"Set Button"**. Depress this button to delete all setting programmed into the control.
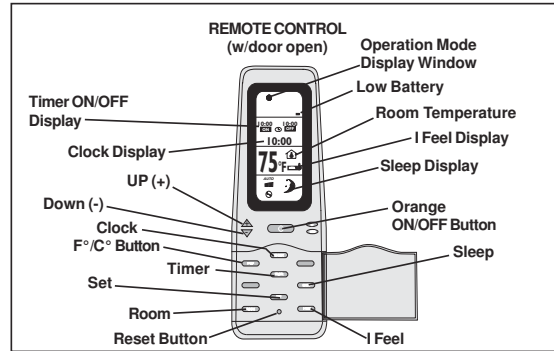
TIMER OPERATION

Note: Every time the **clock** or **timer** button is pressed, the display will blink for 15 seconds giving the operator enough time to change settings. If no changes are made in the 15 second time period the **timer** display will disappear.

Note: Any mode that uses the clock/timer function of the hand held remote will be disabled if the line of sight communication between the remote and receiver are **non existent** (putting the remote in a drawer).

1. **Setting The Clock**
   a. When new batteries are installed, the clock will display 0:00.
   b. Clock shows **only** military time.
   c. Push the **clock** button, the clock display should blink.
   d. Press and hold the **"UP(+)"** or **"DOWN (-)"** button to set the clock.
   e. Press the **"SET"** button on hand held remote.

Note: When the set button is depressed be careful not to push the reset button at the same time. All previous setting will be lost and need to be reenterred.

REMOTE CONTROL
(w/door open)

Timer ON/OFF Display
Clock Display
UP (+)
Down (-)
Clock
F°/C° Button
Set
Room
Reset Button

Operation Mode Display Window
Low Battery
Room Temperature
I Feel Display
Sleep Display
Orange ON/OFF Button
Sleep
Timer
I Feel

2. Setting The Timer to "ON"
   a. Press the **"timer"** button and the timer **"ON"** clock will appear and blink.
   b. Set timer by pushing and holding the **"UP(+)"** or **"DOWN (-)"** buttons.
   c. Point hand held remote at the receiver and press the **"SET"** button.
   d. Receiver should **beep** and the **Orange** LED illuminate (if unit is off).

Note: When timer **"ON"** mode is activated the unit will turn **"ON"** in the last selected mode of operation. See TIMER OPERATION.

3. Setting The Timer to "OFF"
   a. Press the **"timer"** button twice and the timer **"OFF"** clock will appear and blink.
   b. Set timer by pushing and holding the **"UP(+)"** or **"DOWN (-)"** buttons.
   c. Point hand held remote at the receiver and press the **"SET"** button.
   d. Receiver should **beep** and the **Orange** LED illuminate (if unit is on).

Note: When timer **"Off"** mode is activated the unit will turn **"OFF"** when the clock & timer match. See TIMER OPERATION.

4. Setting The Timer to "ON" &"OFF"
   a. Press the **"timer"** button three times and the timer **"ON"** clock will blink and **"OFF"** clock will be visible.
   b. Set **"ON"** timer by pushing and holding the **"UP"** or **"DOWN"** buttons, then push the timer button again and the **"OFF"** will blink. Press and hold **"UP (+)"** or **"DOWN (-)"** to set **"OFF"** time.

08:00 ON   20:00 OFF

   c. Point hand held remote at the receiver and press the **"SET"** button.
   d. Receiver should **beep** and the **Orange** LED illuminate (if unit is on).
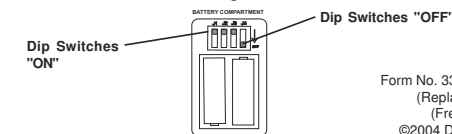
Note: The **Orange** LED will light indicating the timer schedule is active. The unit will cycle on and off in the last mode selected. See TIMER OPERATION.

CONFIGURATION OF REMOTE

The Hand Held Remote when shipped from Dometic is always programmed as a cool/furnace model. The dip switches are located in the hand held remote battery compartment. If the control is to be used with the electric heat strip or without the furnace its configuration must be changed as follows:

1. **Cool/furnace** operation**:** Dip switches 1,2,& 3 **"ON"** - dip switch 4 **"OFF".**
2. **Cool Only**-no heat operation: Dip switch 1 & 3 **"ON"** - dip switches 2 & 4 **"OFF"**.
3. **Cool/Heat** operation: Dip switches 1,2,3, & 4 **"ON"** -no dip switches **"OFF"**.

Note: After the remote switches are changed press the reset button and reenter clock and timer settings.

BATTERY COMPARTMENT
Dip Switches "ON"
Dip Switches "OFF"

REMOTE COMFORT CONTROL

USER'S GUIDE

Dometic   Duo-Therm

GENERAL INSTRUCTIONS

1. The remote uses 2 **"AAA"** batteries. It is recommended that a spare set of batteries be available.
2. All communications between the remote and receiver are validated when you hear a **tone** or **beep**.
3. The orange button turns the unit **"ON"** and **"OFF"**.

4. All changes require the hand held remote to be pointed at the receiver.
5. When settings are changed, you must hear the tone or beep to indicate the new settings are updated.
6. One of the LED's (GREEN, ORANGE or RED) will be illuminated on the receiver depending on the mode selected.
7. The receiver's Green LED will blink to alert the operator to the following:
   One blink with one second interval, frost control active.
   Two blinks with one second interval, DC voltage high (18VDC and over).
   Three blinks with one second interval, DC voltage low (9.75 VDC or lower).
   Blink **ON** for 1/2 second, **OFF** 1/2 second - See step 8 Delay Timer, Paragraph a.
8. Delay Timer (Present in all Modes)
   a. The short-cycle delay is activated every time the compressor turns "OFF". The timer will delay the compressor from restart until the 150 second time has elapsed.
   b. Delay on start cycle is activated when ever the fan is tuned "ON". A 15 second delay is started before the compressor or heat is turned "ON".
   c. Delay-on-off cycle is present when the compressor or heat is turned "OFF". The fan will continue to operate for 15 seconds.
9. Low Battery
   a. The low battery symbol will appear in the display window.

   b. When the low battery condition exists, and the remote sends a signal to the receiver, it may be possible for the control system to go to the default setting (Cool Mode with 74° F set point). If this condition occurs replace the batteries.

COOLING OPERATION

1. Push the **"MODE"** button until the cool symbol is displayed.
2. Select fan speed by pushing the **"FAN"** button until the desired fan speed is displayed.

   a. **High Speed** (continuous fan, compressor cycles with thermostat)

   b. **Low Speed** (continuous fan, compressor cycles with thermostat)

   c. **Auto High Speed** (fan & compressor cycle with the thermostat)

   AUTO

   d. **Auto Low Speed** (fan & compressor cycle with the thermostat)

   AUTO

3. Set the desired temperature by pushing the **"UP(+)"** or **"DOWN (-)"** button.
4. The receiver will **beep when each change is completed**. The **GREEN** LED will light.

FURNACE OPERATION (if equipped)

1. Push the **"MODE"** button until the furnace symbol is displayed.

2. Set the desired temperature by pushing the **"UP(+)"** or **"DOWN (-)"** button.
3. The receiver will **beep when each change is completed**. The **RED** LED will light.
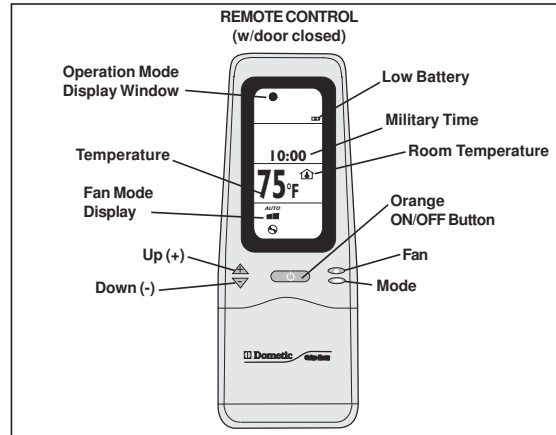
DRY - AIR OPERATION

1. Push the **"MODE"** button until the dry - air symbol is displayed.

2. Set the desired temperature by pushing the **"UP(+)"** or **"DOWN(-)"** button.
3. The receiver will **beep when each change is completed**. The **GREEN** LED will light. See TIMER OPERATION.

Note: In this mode the receiver monitors the room temperature in relationship with the set point. If the temperature is 1 °F above the set point the compressor and low fan will cycle **"ON"** for 15 minutes and **"OFF"** for 3 minutes. If the room temperature drops below the set point the compressor and low fan will cycle **"ON"** for 6 minutes and **"OFF"** for 15 minutes until the set point is reached.

REMOTE CONTROL
(w/door closed)

Operation Mode Display Window
Low Battery
Military Time
Temperature
Room Temperature
Fan Mode Display
10:00
75°F
AUTO
Orange ON/OFF Button
Up (+)
Fan
Down (-)
Mode

Dometic

AUTO CHANGE OPERATION

1. Push the **"MODE"** button until the auto change symbol is displayed.

2. Set the desired temperature by pushing the **"UP(+)"** or **"DOWN (-)"** button.
3. The receiver will **beep when each change is completed**. The **GREEN** LED will light.

Note: In the auto change mode the temperature will be maintained in the vehicle without the need to select cool or heat. A furnace or heat strip must be present and operational before this feature can operate. If the installation contains both a heat strip and furnace this feature **will not** select the furnace mode. Furnace mode must be selected manually.

OPTION FEATURE (electric heat strip - if equipped)

1. Push the **"MODE"** button until the heat symbol is displayed.

2. Set the desired temperature by pushing the **"UP(+)"** or **"DOWN (-)"** button.
3. The receiver will **beep when each change is completed**. The **GREEN** LED will light.

FAN ONLY OPERATION

1. Push the **"MODE"** button until the fan symbol is displayed.

2. Select fan speed by pushing the **"FAN"** button until the desired fan speed is displayed.
   a. **High Speed** (continuous fan operation)

   b. **Low Speed** (continuous fan operation)

3. The receiver will **beep when each change is completed**. The **GREEN** LED will light.

ROOM TEMPERATURE DISPLAY

1. Press the **"ROOM"** button to display the temperature at the remote location.
2. The **Room** symbol will appear beside the temperature display.

SLEEP OPERATION

1. The cool, heat or furnace mode must be selected.
2. Set the temperature at the desired level, and push the sleep button. The sleep symbol will appear on the display and a **beep** will sound indicating that the unit is in **sleep mode**. See TIMER OPERATION.

Note: In the **sleep mode** the temperature will be offset by 2 °F of the set point, which means, if the set point is 77 °F (during the cool operation) then in sleep mode it will automatically change to 79 °F. The sleep settings will become effective 2 hours after the sleep mode is selected.