



Heat Transfer Control System For The Chirnside Family



Heat Transfer Control System For The Chirnside Family

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General 1

Controls 1.1

The Control Panel

Below is an image of the controller for your new heat transfer system. The relevant parts of the controller have been labeled by a white circle containing a number. Below the image is a key to these numbers giving the name of the item as it will be referred to in the rest of this manual.



- | | | |
|-----------------|--------------------------|-------------------|
| 1. Display | 2. Keypad numbers 0 to 9 | 3. Left arrow key |
| 4. Up arrow key | 5. Right arrow key | 6. Down arrow key |
| 7. Info key | 8. Enter key | |

The Lounge Thermostat

This should be set to the minimum temperature at which you wish heat to be removed from the lounge. i.e. If the air temperature is below the thermostat setting the system will not automatically circulate air from the lounge.

Setting the lounge thermostat to the "Off" position will not disable the entire system. In this position the system will simply think the lounge has never exceeded the temperature setting of the thermostat.

Setting the fan speed at the lounge thermostat will control the speed of fan 1 when running in automatic only.

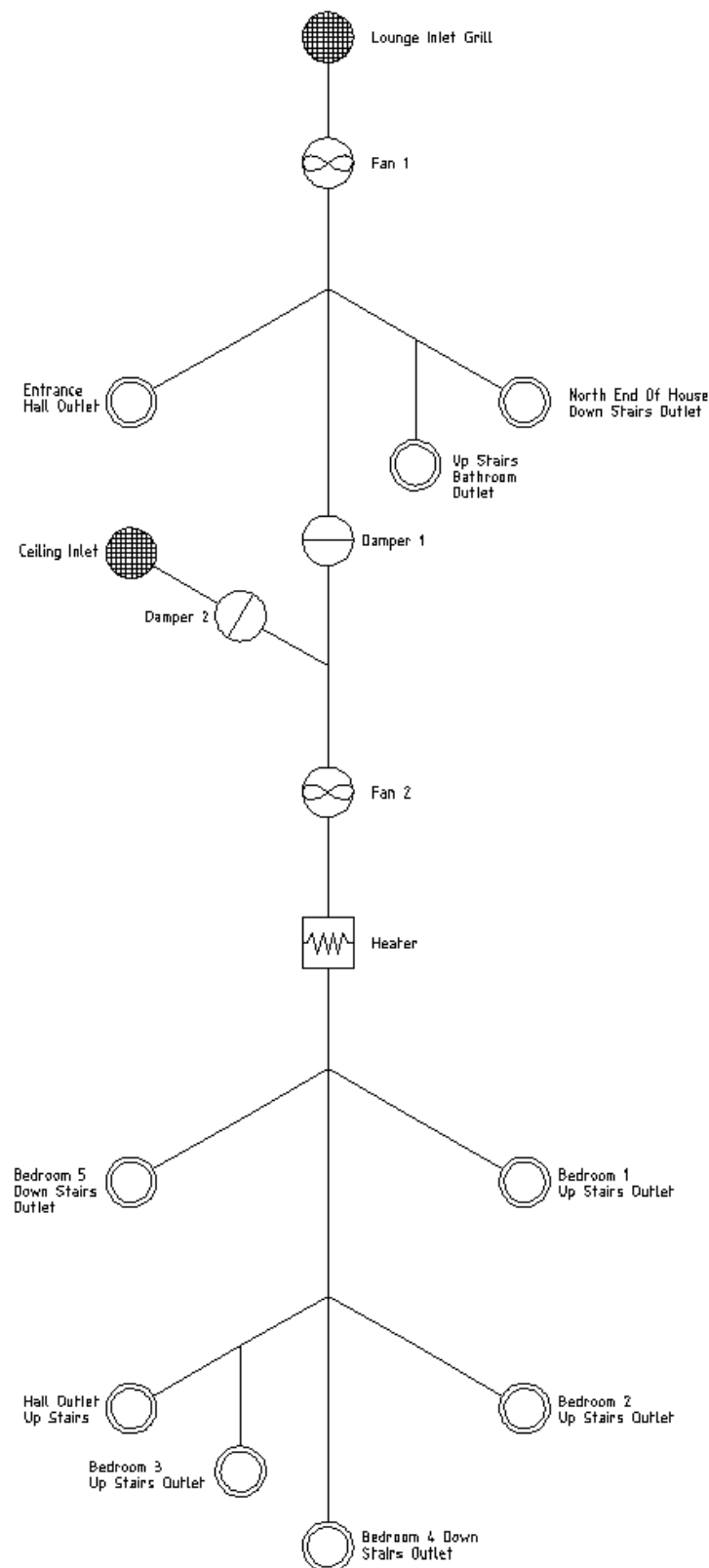
The Ceiling Thermostat

This should be set to the minimum temperature at which you wish air to be circulated from the ceiling. i.e. If the ceiling temperature is below the thermostat setting the system will not automatically circulate air from the ceiling.

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System Layout 1.2

As requested, below is an image of the physical layout of the system as installed.



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Things You May Need To Know 1.3

The Default Screen

16 / 07 / 08 - 09 : 29 Mode : Off	16 / 07 / 08 - 09 : 31 Mode : Auto	16 / 07 / 08 - 10 : 04 Mode : Manual
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All the instructions in this manual will assume that you are starting from the default screen, which will appear similar to one of the screens above, depending on which mode the system is currently set to run in.

You can return to the default screen by pressing the left arrow key (key 3), until the screen is displayed.

The only instance where this will not be true, is if you have activated a screen that requires input. In this case you must complete the screen before being able to return to the default screen. This will be described in greater detail later in the manual.

When a screen is calling for input it will display a flashing cursor similar to this "~".

For various reasons this cannot be displayed by the screen captures of the control panel, so the flashing cursor is substituted by the tilde symbol like this "~". An example is displayed below in the set system time screen.

System Time ~ 0 : 21 : 15

In the event you find yourself in a screen like this by accident and do not want to change anything, press the enter key (key 8) until the screen is satisfied, i.e. there is no flashing cursor. Pressing the enter key will accept the values that were stored in the screen prior to you accessing it.

Additional Information On The Default Screen

In the bottom right hand corner of the default screen you will notice some additional characters that come and go. In the image below they are set to "BCBH".

16 / 07 / 08 - 10 : 27 Mode : Manual BCBH
--

The first character is a "B". When this is displayed it indicates that the boost is on.

The second character is a "C". When this is displayed it indicates that the automatic circulation is on.

The third character is currently displayed as a "B". This can be displayed as a "1", indicating that fan 1 is running, a "2" indicating that fan 2 is running, or as is the case above a "B", indicating that both fans are running. No character displayed indicates no fans running.

The forth character is a "H". When this is displayed it indicates that the heater is running.

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About Automatic 1.4

When the system is set to run in automatic, other than boost and circulate times, which will be described later in the manual, there are three instances that are taken into account.

1. Both the ceiling and lounge temperatures are below the thermostat settings.
In this event the system is shut down and waiting. All fans are off, and dampers are closed to prevent drafts.
 2. The ceiling space is above temperature, and the lounge is below temperature.
In this event damper 1 is closed and damper 2 is open. Fan 2 is running, and air is circulated from the ceiling to the southern part of the house.
 3. The lounge is above temperature.
In this event damper 1 is open and damper 2 is closed. Both fans are running and air is circulated from the lounge throughout the house.
-

About Manual 1.5

When the system is set to run in manual, there are eight possible settings. How to set these is described under the "Manual" settings in the menu to the left.

1. Circulate from ceiling only.
Damper 1 will be closed, damper 2 will be open, fan 1 will be off, and fan 2 will be running. Air will be circulated to the southern part of the house from the ceiling.
2. Circulate from the lounge only.
Damper 1 is closed, damper 2 is closed, fan 1 is running and fan 2 is off. Air will be circulated to the northern part of the house from the lounge.
3. Circulate from both the ceiling and the lounge together.
Both dampers are open, and both fans are running. Air will be circulated from both the ceiling and the lounge throughout the house.
4. Circulate from the ceiling and lounge separately.
Damper 1 is closed, damper 2 is open, and both fans are running. Air will be circulated to the southern part of the house from the ceiling, and the northern part of the house from the lounge.
5. Run the boost from the ceiling only.
Damper 1 will be closed, damper 2 will be open, fan 1 will be off, and fan 2 will be running. The heater will be on and air will be circulate through it from the ceiling to the southern part of the house.
6. Run the boost from the ceiling, and circulate from the lounge.
Damper 1 will be closed, damper 2 will be open, and both fans will be running. The heater will be on and air will be circulated through it, from the ceiling to the southern part of the house, while air is circulated from the lounge to the northern part of the house.
7. Run the boost from the lounge only.
Damper 1 will be open, damper 2 will be closed, and both fans will be running. The heater will be on and air will be circulated from the lounge to the northern part of the house, and through the heater to the southern part of the house.
8. Run the boost from both the lounge and the ceiling.
Damper 1 will be open, damper 2 will be open, and both fans will be running. The heater will be on and air will be circulated from the lounge to the northern part of the house. Air will also be circulated partially from the lounge, and from the ceiling through the heater to the southern part of the house.

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Setting Run Modes 2

Off 2.1

Turning The System Off

Let us assume the system is running in automatic or manual. The display will be similar to one of the images shown below.

16 / 07 / 08 - 09 : 31 Mode : Auto	16 / 07 / 08 - 10 : 04 Mode : Manual
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To turn the system off, press either the up (key 4) or down (key 6) arrow keys.

The display will now look like one of the following images.

Set Mode Mode : Auto	Set Mode Mode : Manual
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Pressing the up (key 4) or down (key 6) arrow keys, will now cycle through the three possible mode settings, Off, Auto, or Manual.

When the display is showing "Off" as below, press the enter key (key 8).

Set Mode Mode : Off

The display will now look similar to the image below, and the system will be shut down.

16 / 07 / 08 - 09 : 29 Mode : Off

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Automatic 2.2

Setting The System To Run In Automatic

Let us assume the system is off or running in manual. The display will be similar to one of the images shown below.

16 / 07 / 08 - 09 : 29 Mode : Off	16 / 07 / 08 - 10 : 04 Mode : Manual
--	---

To set the system to automatic, press either the up (key 4) or down (key 6) arrow keys.

The display will now look like one of the following images.

Set Mode Mode : Off	Set Mode Mode : Manual
--------------------------------------	---

Pressing the up (key 4) or down (key 6) arrow keys, will now cycle through the three possible mode settings, Off, Auto, or Manual.

When the display is showing "Auto" as below, press the enter key (key 8).

Set Mode Mode : Auto

The display will now look similar to the image below, and the system will be running in automatic.

16 / 07 / 08 - 09 : 31 Mode : Auto

Heat Transfer Control System For The Chirnside Family

Manual 2.3

Setting The System To Run In Manual

Let us assume the system is off or running in auto. The display will be similar to one of the images shown below.

16 / 07 / 08 - 09 : 29 Mode : Off	16 / 07 / 08 - 09 : 31 Mode : Auto
--	---

To set the system to manual, press either the up (key 4) or down (key 6) arrow keys.

The display will now look like one of the following images.

Set Mode Mode : Off	Set Mode Mode : Auto
--------------------------------------	---------------------------------------

Pressing the up (key 4) or down (key 6) arrow keys, will now cycle through the three possible mode settings, Off, Auto, or Manual.

When the display is showing "Manual" as below, press the enter key (key 8).

Set Mode Mode : Manual

The display will now look similar to the image below, and the system will be running in manual.

16 / 07 / 08 - 10 : 04 Mode : Manual

Heat Transfer Control System For The Chirnside Family

Main Menu 3

Boost 3.1

On Off 3.1.1

Turning Boost On And Off

In the event that boost is on, the screen will display a "B" as in the middle image below. This will be displayed no matter which mode is selected, but will only be run in automatic.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 22
Mode : Auto B

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On/Off

Press the right arrow key (key 5). In the event that boost was off, the screen will be the same as the image below. If you are turning boost off, then "Now:" will be "On", and "Set:" will be "Off".

Set Boost
Now : Off Set : On

Pressing the up arrow key (key 4), will toggle the "Set:" parameter. i.e. If like the image above it is reading "On", pressing the up arrow key will set it to "Off". When you have the desired setting press the enter key (key 8), and the setting will be accepted, and you will be returned to the main menu.

If you have changed your mind, pressing the left arrow key (key 3), will return you to the main menu without changing the boost setting.

You can now press the left arrow key again to return to the default screen, or press the up, or down arrow keys to select a different menu item.

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Clear Times 3.1.2

Clear All Boost Times

In the event that you have a number of boost times set, or you just want to be sure that there are no boost times set, you can clear all the times. As in the previous section, the display will be similar to one of the images below.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 22
Mode : Auto B

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6). Please note, the up and down arrow keys will scroll you through all the menu options.

The screen will now be the same as the image below.

Main Menu
Boost Clr Times

Press the right arrow key (key 5). The screen will be the same as the image below.

Clear All Boosts
Left = No Ent = Yes

In the event you have changed your mind, pressing the left arrow key (key 3) will return you to the main menu, without any change to the boost times.

Pressing the enter key (key 8) will clear all stored boost times and return you to the main menu. You may now press the left arrow key to return to the default screen or the up, down arrow keys to select another menu item.

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Set Times 3.1.3

Setting boost times

At various times you may wish to have heat circulated regardless of the temperature of the ceiling or lounge. To accomodate this we have arranged 28 times, or "slots" where the boost can be turned on and off. These times are very flexible and are controlled not only by the time, but by the day as well. This allows you to start the boost on one day and stop it on another.

As with the previous section the default screen will be similar to one of the images below.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 22
Mode : Auto B

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) twice. Please note, the up and down arrow keys can be used to scroll you through all the menu options.

The screen will now be the same as the image below.

Main Menu
Boost Times

Press the right arrow key (key 5). If this is the first time you have set a boost time, the screen will be the same as the image below. If this is not the first time you have used this setting, the number to the right of "Slot Number:" may be anywhere between 0 and 27.

Set Boost Times
Slot Number : 0

In the event you have changed your mind, pressing the left arrow key (key 3) will return you to the main menu, without any change to the boost times.

If you have already set a time for slot 0, and do not want to change it, you can scroll up and down the slot numbers by pressing the up or down arrow keys (keys 4, or 6). When you have set the desired slot number, press the right arrow key (key 5).

The screen will now be similar to the image below.

Start Slot : 0
Day : ~ Time : 00 : 00

You can now enter the day you want the boost to start. The screen will only accept values between 1 and 7 inclusive, where 1 is Sunday, and 7 is Saturday.

When you have entered your day, say 2 for Monday, press the enter key (key 8). The screen will now be similar to the image below, and will be waiting for you to enter the hour you want the boost to start.

Start Slot : 0
Day : 2 Time : ~ 0 : 00

The time entry is in 24 hour format. So let's say we want the boost to start at 07:30 hours. Enter 07 and press the enter key (key 8), then enter 30 and press the enter key again.

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You have now set the start time to 07:30 hours, or half past seven Monday morning, and the screen will have advanced to the stop boost time screen as in the image below.

Stop Slot :	0
Day : ~	Time : 00 : 00

Repeat the procedure as before to set the time you wish the boost to stop. This time when you press the enter key (key 8) after entering the stop minute, the stop time will be set and you will be returned to the slot selection screen "Set Boost Times", where you can either choose another slot to set, or press the left arrow key to return to the main menu, and again to return to the default screen.

Circulate 3.2

On Off 3.2.1

Turning The Automatic Circulation On Or Off

If the ceiling or lounge do not rise above their respective thermostat set points, then no air will be circulated. As this is not always desirable we have allowed for automatic circulation times to be set. These are covered in the next three sections.

As before our starting point is the default screen, which will be similar to the images below. You may notice in the middle image, that boost is set. The "C" next to it indicates that circulation is set on as well.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) three times. As before you may press the up or down arrow keys to scroll through all the menu items. The screen will be now be the same as the image below.

Main Menu
Circ On Off

Press the right arrow key (key 5). In the event that circulation was off, the screen will be the same as the image below. If you are turning boost off, then "Now:" will be "On", and "Set:" will be "Off".

Set Auto Circ
Now : Off Set : On

Pressing the up arrow key (key 4), will toggle the "Set:" parameter. i.e. If like the image above it is reading "On", pressing the up arrow key will set it to "Off". When you have the desired setting press the enter key (key 8), and the setting will be accepted, and you will be returned to the main menu.

If you have changed your mind, pressing the left arrow key (key 3), will return you to the main menu without changing the circulation setting.

You can now press the left arrow key again to return to the default screen, or press the up, or down arrow keys to select a different menu item.

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Delay Time 3.2.2

Setting Circulation Delay Time

The circulation delay time, is the maximum amount of time you will allow the system to not run. What this means in practice is, if neither fan runs for this length of time then the system will open damper 1, close damper 2, and circulate air from the lounge throughout the house.

As before we start from the default screen, which will be similar to one of the images below. You may note that the middle image has the system running in automatic with both boost and circulate on.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) four times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
Circ Off Max

Press the right arrow key (key 5). If this is the first time you have set this parameter, the screen will be the same as the image below. If this is not the first time you have used this setting, then there may be a number displayed rather than all zero's as below.

This uses the 24 hour clock format. i.e. hh:mm:ss.

Circ Off Max
~ 0 : 00 : 00

When you have entered the hours, press the enter key (key 8), and the cursor will be moved to the minutes entry, and so on until you have entered the seconds. Pressing the enter key after this will return you to the main menu, where you can press the left arrow key (key 3) to be returned to the default screen, or the up or down arrow keys to scroll to the next menu item.

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Run Time 3.2.3

Setting Circulation Run Time

The circulation run time, is the maximum amount of time you will allow the system to circulate for if the circulation delay time is exceeded. i.e. This is how long the system will run for if it has been idle to long.

As before we start from the default screen, which will be similar to one of the images below. You may note that the middle image has the system running in automatic with both boost and circulate on.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) five times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
Circ On Max

Press the right arrow key (key 5). If this is the first time you have set this parameter, the screen will be the same as the image below. If this is not the first time you have used this setting, then there may be a number displayed rather than all zero's as below.

This uses the 24 hour clock format. i.e. hh:mm:ss.

Circ On Max
~ 0 / 00 / 00

When you have entered the hours, press the enter key (key 8), and the cursor will be moved to the minutes entry, and so on until you have entered the seconds. Pressing the enter key after this will return you to the main menu, where you can press the left arrow key (key 3) to be returned to the default screen, or the up or down arrow keys to scroll to the next menu item.

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Manual 3.3

Circulate From Ceiling Only 3.3.1

Manually Circulate From Ceiling Only

This is the first setting described in "About Manual"

As before we start from the default screen, which will be similar to one of the images below. You may note that the middle image has the system running in automatic with both boost and circulate on.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) seven times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
Manual Setup

Press the right arrow key (key 5). If the screen is not the same as the image below, press the up, or down arrow keys (keys 4 or 6) until "Circ Ceil Only" is displayed.

Manual Setup
Circ Ceil Only

Pressing the enter key (key 8) now will make this the selection used when manual mode is set. Pressing the left arrow key will return you to the main menu without changing the current manual setting.

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Circulate From Lounge Only 3.3.2

Manually Circulate From Lounge Only

This is the second setting described in "About Manual"

As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) seven times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
Manual Setup

Press the right arrow key (key 5). If the screen is not the same as the image below, press the up, or down arrow keys (keys 4 or 6) until "Circ Lounge Only" is displayed.

Manual Setup
Circ Lounge Only

Pressing the enter key (key 8) now will make this the selection used when manual mode is set. Pressing the left arrow key will return you to the main menu without changing the current manual setting.

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Circulate Both Together 3.3.3

Manually Circulate From Lounge And Ceiling Together

This is the third setting described in "About Manual"

As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) seven times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
Manual Setup

Press the right arrow key (key 5). If the screen is not the same as the image below, press the up, or down arrow keys (keys 4 or 6) until "Circ From Both" is displayed.

Manual Setup
Circ From Both

Pressing the enter key (key 8) now will make this the selection used when manual mode is set. Pressing the left arrow key will return you to the main menu without changing the current manual setting.

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Circulate Both Separately 3.3.4

Manually Circulate From Lounge And Ceiling Separately

This is the forth setting described in "About Manual"

As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) seven times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
Manual Setup

Press the right arrow key (key 5). If the screen is not the same as the image below, press the up, or down arrow keys (keys 4 or 6) until "Circ Separate" is displayed.

Manual Setup
Circ Separate

Pressing the enter key (key 8) now will make this the selection used when manual mode is set. Pressing the left arrow key will return you to the main menu without changing the current manual setting.

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Run Heater From Ceiling Only 3.3.5

Manually Run The Heater From The Ceiling

This is the fifth setting described in "About Manual"

As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29 Mode : Off

16 / 07 / 08 - 10 : 23 Mode : Auto BC
--

16 / 07 / 08 - 10 : 04 Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu Boost On / Off

Press the down arrow key (key 6) seven times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu Manual Setup

Press the right arrow key (key 5). If the screen is not the same as the image below, press the up, or down arrow keys (keys 4 or 6) until "Ht From Ceil" is displayed.

Manual Setup Ht From Ceil

Pressing the enter key (key 8) now will make this the selection used when manual mode is set. Pressing the left arrow key will return you to the main menu without changing the current manual setting.

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Run Heater From Ceiling, Circulate From Lounge 3.3.6

Manually Run The Heater From The Ceiling And Circulate From The Lounge

This is the sixth setting described in "About Manual"

As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) seven times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
Manual Setup

Press the right arrow key (key 5). If the screen is not the same as the image below, press the up, or down arrow keys (keys 4 or 6) until "Ht Ceil Circ Lng" is displayed.

Manual Setup
Ht Ceil Circ Lng

Pressing the enter key (key 8) now will make this the selection used when manual mode is set. Pressing the left arrow key will return you to the main menu without changing the current manual setting.

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Run Heater From Lounge Only 3.3.7

Manually Run The Heater From The Lounge

This is the seventh setting described in "About Manual"

As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) seven times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
Manual Setup

Press the right arrow key (key 5). If the screen is not the same as the image below, press the up, or down arrow keys (keys 4 or 6) until "Ht Lng Only" is displayed.

Manual Setup
Ht Lng Only

Pressing the enter key (key 8) now will make this the selection used when manual mode is set. Pressing the left arrow key will return you to the main menu without changing the current manual setting.

Heat Transfer Control System For The Chirnside Family

Run Heater From Both 3.3.8

Manually Run The Heater From Both The Lounge And The Ceiling

This is the eighth and final setting described in "About Manual"
As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29 Mode : Off

16 / 07 / 08 - 10 : 23 Mode : Auto BC
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16 / 07 / 08 - 10 : 04 Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu Boost On / Off

Press the down arrow key (key 6) seven times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu Manual Setup

Press the right arrow key (key 5). If the screen is not the same as the image below, press the up, or down arrow keys (keys 4 or 6) until "Ht From Both" is displayed.

Manual Setup Ht From Both

Pressing the enter key (key 8) now will make this the selection used when manual mode is set. Pressing the left arrow key will return you to the main menu without changing the current manual setting.

Heat Transfer Control System For The Chirnside Family

System 3.4

Daylight Saving 3.4.1

Turning Daylight Saving On Or Off

If you turn off daylight saving, the system clock will no longer be set forward or back at the start or finish of daylight saving, and you may have to set the clock manually.

As always we start from the default screen which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29 Mode : Off

16 / 07 / 08 - 10 : 23 Mode : Auto BC
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16 / 07 / 08 - 10 : 04 Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu Boost On / Off

Press the down arrow key (key 6) six times. As before you may press the up or down arrow keys to scroll through all the menu items. The screen will be now be the same as the image below.

Main Menu Daylite On Off

Press the right arrow key (key 5). In the event that daylight saving was off, the screen will be the same as the image below. If you are turning daylight saving off, then "Now:" will be "On", and "Set:" will be "Off".

Set Dlite Saving Now : On Set : Off
--

Pressing the up arrow key (key 4), will toggle the "Set:" parameter. i.e. If like the image above it is reading "On", pressing the up arrow key will set it to "Off". When you have the desired setting press the enter key (key 8), and the setting will be accepted, and you will be returned to the main menu.

If you have changed your mind, pressing the left arrow key (key 3), will return you to the main menu without changing the circulation setting.

You can now press the left arrow key again to return to the default screen, or press the up, or down arrow keys to select a different menu item.

Heat Transfer Control System For The Chirnside Family

Set Date 3.4.2

Set The Date

As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29 Mode : Off

16 / 07 / 08 - 10 : 23 Mode : Auto BC
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16 / 07 / 08 - 10 : 04 Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu Boost On / Off

Press the down arrow key (key 6) eight times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu System Date

Press the right arrow key (key 5). The current date setting will be displayed

System Date ~ 6 / 07 / 2008

You may now enter your day number and press the enter key (key 8) to be taken to the month number and so on. Just pressing the enter key will accept the current number. After pressing the enter key for the year field, you will be returned to the main menu.

You can now press the left arrow key (key 3) to be returned to the default screen or the up, down arrow keys (keys 4, or 6) to select another menu item.

Heat Transfer Control System For The Chirnside Family

Set Time 3.4.3

Set The Time

As before we start from the default screen, which will be similar to one of the images below.

16 / 07 / 08 - 09 : 29
Mode : Off

16 / 07 / 08 - 10 : 23
Mode : Auto BC

16 / 07 / 08 - 10 : 04
Mode : Manual

Press the info key (key 7). You are now in the main menu, and the screen will be the same as the image below.

Main Menu
Boost On / Off

Press the down arrow key (key 6) nine times. Please note, the up and down arrow keys can be used to scroll through all the menu options.

The screen will now be the same as the image below.

Main Menu
System Time

Press the right arrow key (key 5). The current time setting will be displayed

System Time
~ 0 : 21 : 15

You may now enter your day hour and press the enter key (key 8) to be taken to the minute number and so on. Just pressing the enter key will accept the current number. After pressing the enter key for the second field, you will be returned to the main menu.

You can now press the left arrow key (key 3) to be returned to the default screen or the up, down arrow keys (keys 4, or 6) to select another menu item.