B512CW OPERATING INSTRUCTIONS

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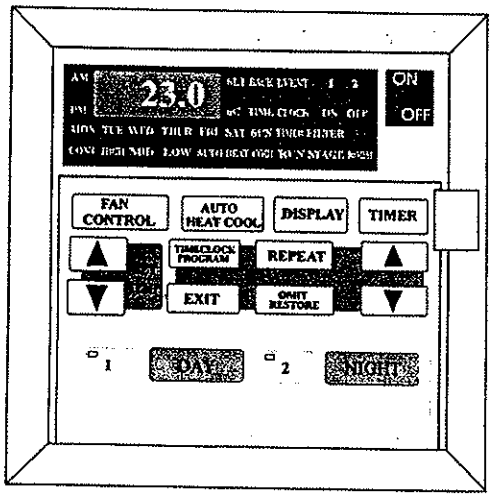

ON/OFF button.
Press to start or stop system manually.

FAN CONTROL button. Select fan speed and operating mode.
Repeat pressing of button to select the required fan speed in continuous or automatic mode.

Automatic mode (CONT light off). Fan cycles with heating or cooling demand.

Continuous mode (CONT light on). Fan runs continuously with heating or cooling call cycling on demand.

Fan only mode. Press ON/OFF button to turn system off.
Press FAN CONTROL button to run fan in air circulation mode. Heating or cooling will not operate in this mode. Press ON/OFF button to stop fan.

AUTO/HEAT/COOL button. Select temperature operating mode.
Repeat pressing of button to select operating mode.

AUTO MODE. **AUTO** light On. Heat or Cool automatically selected..
HEAT MODE. **HEAT** light On. System operates in heating cycle only.
COOL MODE. **COOL** light On. System operates in cooling cycle only.

DISPLAY button. Select LCD display.
Repeat pressing of button to display.
Temperature set point. SET light On.
Time. Time and day displayed.
Room temperature. ROOM light On.

SET TEMP Up or Down arrow. Adjust room temperature set point.
Press **Up** or **Down** arrow to select temperature set point. Factory setting: 16oC to 28oC.
Controller can be reset to operate over different range settings.
See Temperature Set Point Range Limit.

Time Clock program buttons.

Turn time clock On. Press DISPLAY button to read Time.
Press [TIMECLOCK PROGRAM] button twice. TIME CLOCK light on. OFF light flashing.
Press ON/OFF button. ON light flashing. Press [TIMECLOCK PROGRAM] to accept.

Time displayed with Hours flashing.
Press Up or Down arrows to set hours. Press [TIMECLOCK PROGRAM] to accept.
Minutes flashing.
Press Up or Down arrow to set minutes. Press [TIMECLOCK PROGRAM] to accept.
Day flashing.
Press Up or Down arrow to set day. Press [TIMECLOCK PROGRAM] to accept.
Monday EVENT 1 ON displayed.
Press Up or Down arrow to set the On time. Press [TIMECLOCK PROGRAM] to accept.
Monday EVENT 1 OFF displayed.
Press Up or Down arrow to set the Off time. Press [TIMECLOCK PROGRAM] to accept.
Monday EVENT 2 ON displayed.
Press Up or Down arrow to set the On time. Press [TIMECLOCK PROGRAM] to accept
Monday EVENT 2 OFF displayed.
Press Up or Down arrow to set the Off time. Press [TIMECLOCK PROGRAM] to accept.
Tuesday EVENT 1 ON displayed. Repeat as above.
Alternatively to repeat previous day program from Tuesday onwards.
Press REPEAT button then [TIMECLOCK PROGRAM] for each On/Off event for that day.
Repeat for following days. Note. Different On/Off event times can be programmed in for any day. E.g different Off time on Thursday.
To omit an On Event. E.g Event 2 on Saturday and Sunday press [OMIT RESTORE]
Three dashes — — — will be displayed

Notes.
1. To restore an On Event press [OMIT RESTORE]. Time will be displayed
2. Press EXIT button at any time to exit menu.
3. To turn time clock operation off. Repeat as **Turn time clock On.** ON flashing Press ON/OFF button. OFF flashing. Press EXIT button.
4. On or Off events can be individually programmed for any day.

TIMER Button. Countdown timer.

1. The timer can be used to start or stop the air conditioning system instead of the time clock.
2. The timer can be used to override the time clock function and can be set to start or stop the stop the air conditioning system from 15 minutes to 24 hours from the time clock settings.

To set timer to start system. I.e Air conditioning system Off.
Press TIMER button. Time and day shown with TIMER and ON light flashing.
Press [TIMECLOCK PROGRAM] **Up** or **Down** arrow to select On time. Press [TIMECLOCK PROGRAM] button to accept.
TIMER light on.

To set timer to stop system. I.e Air conditioning system On.
Press TIMER button. Time and day shown with TIMER and OFF light flashing.
Press [TIMECLOCK PROGRAM] **Up** or **Down** arrow to select off time. Press [TIMECLOCK PROGRAM] button to accept.
TIMER light on.

Notes.
1. To cancel the timer set up. Press the ON/OFF button. TIMER light off.
2. To see the set start or stop time set press TIMER button. Time shown in display.

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TEMPERATURE SETBACK.

Cooling mode
If the space temperature exceeds 30oC the air conditioning unit will automatically run in cooling until space temperature has fallen below 30oC.

Heating mode.
If the space temperature is less than 10oC the air conditioning will automatically run in heating until space temperature is above 10oC.

Please note that this a factory setting and cannot be disabled.

Zone buttons.

Press Zone button to open. Zone light on. Press Zone button to close. Zone light off.
Notes.
If bedroom zone only is selected, low fan speed automatically selected.
If living room zone only is selected medium fan speed automatically selected.
If both zones are selected high fan speed is automatically is selected.
Manual fan speed selection from Wall Control Pad overrides auto selection.
One zone is always activated to prevent A/C system operating with all zones closed.

Fault Indications.

E-P. (Error Pump)
If EP is displayed there is a fault on the Main Plant. Your air conditioning unit will reset and start when fault has been fixed.
Note if EP is displayed for more than 30 minutes contact your "Building Services Manager".

E-C. (Error Compressor). RUN flashes
Press ON/OFF button to cancel E C display. Note: RUN continues to flash until 6 minute start delay is cleared.
If E C is displayed again within 10 minutes of reset, lockout is imposed.
Contact your "Building Services Manager".

Filter light.

Filter light operates every 160 running hours to remind owners to check air filter.
Reset filter light by pressing ON/OFF button.
Note.
Filter light is a reminder only and is not indicating a fault.

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