Location of jumpers

Position 1   Position 2

IMPORTANT:

1- **Ensure that the High Limit probe (HL), the temperature probe (Temp. probe) and the transformer are replaced (the old probes are NOT compatible with the new replacement board).**

2- **Refer to the Jumper setting and low level programming columns to make sure the system is programmed properly.**

Jumper selection

It is possible to change parameters of the MC-MP pack by configuring specific jumpers located on the board.

To access jumpers, first unscrew the 5 screws holding on the plastic power box cover (requires a flat screwdriver).

Jumpers are located in the upper right of the board. To change a setting, simply pull jumper cover off pins and move it to the new desired position.

Jumper 1
Current limiting option
Jumper 1 is used to limit the current drawn when more than 1 pump (or a pump and blower) are activated at the same time.

Position 1 = **HC (High Current) mode**
Heater will be turned off if more than 2 pumps are on at high speed.

Position 2 = LC (Low Current) mode
The heater may not be turned on if any pump (1, 2 or 3) is on at high speed.

The "Heater" indicator will flash to indicate a request for heat, but the heater will not be allowed to start.

Jumper 2
Keypad configuration:
Position 1 = **10-key configuration.**
Position 2 = 8-key configuration.

Jumper 3
Keypad model:
Position 1 = K-4.
Position 2 = **K-8**.

Jumper 4
Keypad model:
Position 1 = K-47.
Position 2 = **K-8**.

Low level programming

Note: Restricted to Gecko factory or authorized installer.

Certain system operating parameters can be configured from the keypad. This is normally done by Gecko or the spa installer, but may be done any time.

To access low level programming, press and hold **On/Off** key (K-8 or K47) or **Econo** key (K-4) for 20 seconds, after which the first parameter code should appear on the display.

Use **Up/Down** keys to modify parameter values and **On/Off** key (K-8 or K47) or **Econo** key (K-4) to change from one parameter to the next. You must go through all parameters to exit this mode. If you do not wish to change a parameter, simply press **On/Off** key (K-8 or K47) or **Econo** key (K-4) to advance to the next parameter.

List of parameter configurations

1- **Pump 1**   Display: P1 x
Value of x: 1 = single-speed
            2 = two-speed

2- **Pump 2**   Display: P2 x
Value of x: 0 = not installed
            1 = single-speed
            2 = two-speed

3- **Pump 3**   Display: P3 x
Value of x: 0 = not installed
            1 = installed

4- **Blower**   Display: bL x
Value of x: 0 = not installed
            1 = single-speed
            2 = two-speed
            3 = three-speed

5- **Light**   Display: LI x
Value of x: 0 = not installed
            1 = 12 VAC (single-intensity)
            2 = 12 VAC (triple-intensity)
            3 = 120 VAC
            (single-intensity on auxiliary 1 relay)
            4 = Internal fiber box control
            mode (2-aux. relay)

6- **Ozone**   Display: O3 x
Value of x: 0 = not installed
            1 = on only in Filter cycle
            2 = always on
            3 = on with circ. pump

7- **Circ. pump**   Display: CP x
Value of x: 0 = not installed
            1 = regulated (with spa temp.)
            2 = always on
            3 = on, except if 2° over set point

8- **Filter cycle**   Display: FC x
Value of x: 1 = filter cycle with Pump 1
            2 = Filter cycle replaced by
            purge cycle

9- **Pressure switch status** Display: PS x
Value of x: 0 = with Pump 1
            1 = with circ. pump
            (CP cannot be at O)

10- **Timeout ouput** Display: To x
Value of x: 0 = 20 minutes
            1 = 30 minutes
            2 = 40 minutes

11- **Current for Pumps 1 - 2 - 3**
            Display: C1,2,3 x
Value of x: Amperage drawn by each
            pump (1 to 15 amps)
            (default at 15 amps)

            Display: Cb x
Value of x: Amperage drawn by blower
            (1 to 8 ams)
            (default at 8 amps)

            Display: CH x
Value of x: Amperage drawn by heater
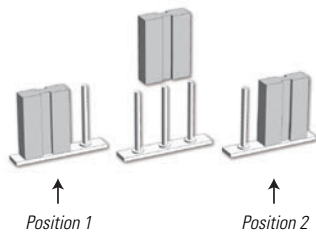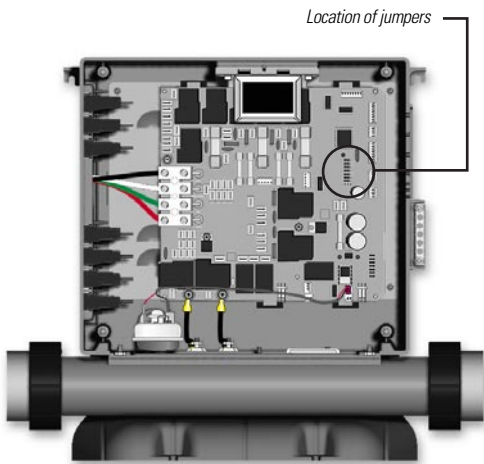   (12 to 23 ams)
            (default at 23 amps)

Location of jumpers

↑ Position 1   ↑ Position 2

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Keypad model:
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