



MASTER
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460i MP Timer



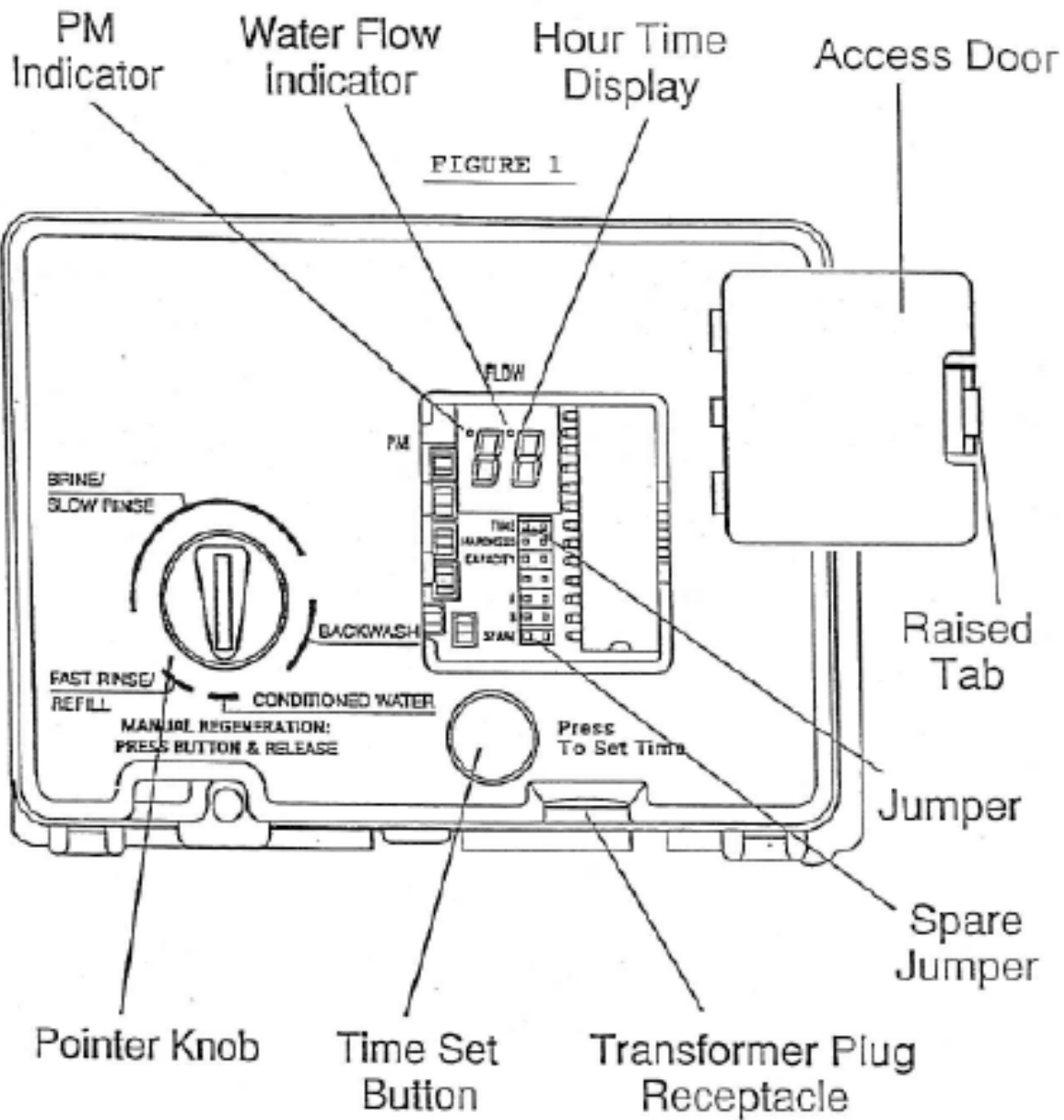


FIGURE 2

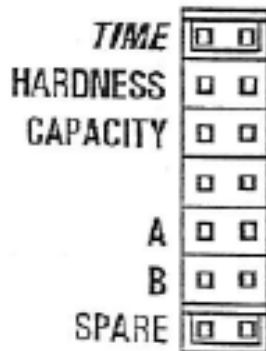


FIGURE 3

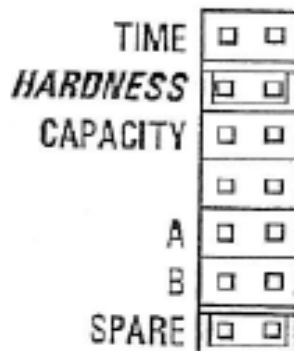
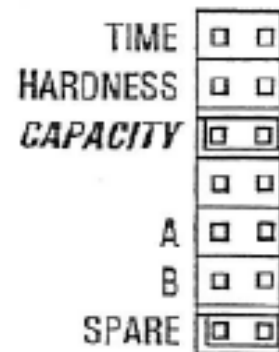


FIGURE 4



460i MP Timer

Adjustment of Timer

Note: The use of a small needle nose pliers or tweezers will aid in moving the jumper.

1. Open the access door using the raised tab on right side of access door. See Figure 1.
2. With the JUMPER on the top 2 pins next to the word TIME (Figure 2), set the time-of-day to the closest hour by depressing the TIME SET BUTTON. PM hours are indicated by a light next to the letters PM on the display window.

Note: The unit is factory set to regenerate at 2 AM. If you prefer to have the unit regenerate at an earlier or later time, simply set the current time-of-day accordingly; ie: to have the unit regenerate at 4 AM, 2 hours later, set the clock 2 hours earlier than the actual current time.

3. Pull the jumper off the top 2 pins and place it on the next set of pins next to the word HARDNESS (Figure 3). **If water was tested by Master Water Conditioning, follow recommendations on water analysis.** Depress the TIME SET BUTTON until the correct hardness is displayed. The hardness range is from 1 to 99 grains per gallon.

To change water hardness stated in parts per million, PPM, to grains per gallon, GPG, use this formula: $PPM \text{ divided by } 17.10 = GPG$

4. Place the jumper on the set of pins next to the word CAPACITY (Figure 4). Depress the TIME SET BUTTON until the correct capacity value is displayed. **The capacity is equal to the last two numbers in the unit model number.** Example: MP-MBA-30T set capacity at 30. The capacity range is 1 to 99 grains. If this is a new softener unit, the capacity is factory set.
5. Return the jumper to the top set of pins next to the word TIME and close the access door. The bottom 3 sets of pins are used for factory testing and are not used in normal operation. **The jumper must NOT be left on any pins other than the top pair next to the word TIME. Failure to do this will cause the unit not to operate.**

In the event that the hardness or capacity setting must be changed, simply follow Steps 1 thru 5. The new information will be entered when the jumper is returned to TIME.