

Timers - Electromechanical

Model 3200 & 3210

Fleck's electromechanical timers are simple to program and easy to service. The robust electromechanical powerhead is designed with heavy-duty 3/8" wide plastic gears and a simple mechanical design for quick access to all internal components.

System Configurations

Four different system configurations are available using either a time clock or meter to initiate a regeneration.

System Type 4	Single Unit Operation
System Type 5	Dual Unit, Individual Meter, Interlock Regeneration
System Type 6	Dual Unit, Single Remote Meter, Series Regeneration
System Type 7	Dual Unit, Single Remote Meter, Alternating Regeneration
Regeneration Types	Time Clock Delayed, Meter Delayed, Meter Immediate
Electrical Rating	24, 120 or 240 VAC, 50/60 Hz
Operating Temperature Range	32° F - 120° F (0° C - 40° C)

How to set the time of day (Models 3200 & 3210):

Press and hold the red button in to disengage the drive gear. Turn the large gear until the actual time of day is at the time of day pointer. Release the red button to again engage the drive gear.

How to manually regenerate your water conditioner at any time:

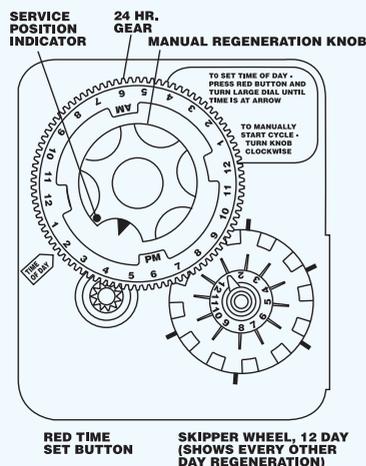
Turn the manual regeneration knob clockwise. This slight movement of the manual regeneration knob engages the program wheel and starts the regeneration program. The black center knob will make one revolution in the following approximately three hours and stop in the position shown in the drawing.

Even though it takes three hours for this center knob to complete one revolution, the regeneration cycle of your unit might be set only one half of this time. Conditioned water may be drawn after rinse water stops flowing from the water conditioner drain line.

How to adjust regeneration time:

1. Disconnect the power source.
2. Locate the three screws behind the manual regeneration knob by pushing the red button in and rotating the 24 hour dial until each screw appears in the cut out portion of the manual regeneration knob.
3. Loosen each screw slightly to release the pressure on the time plate from the 24 hour gear.
4. Locate the regeneration time pointer on the inside of the 24 hour dial in the cut out.
5. Turn the time plate so the desired regeneration time aligns next to the raised arrow.
6. Push the red button in and rotate the 24 hour dial. Tighten each of the three screws.
7. Push the red button and locate the pointer one more time to ensure the desired regeneration time is correct.
8. Reset the time of day and restore power to the unit.

3200

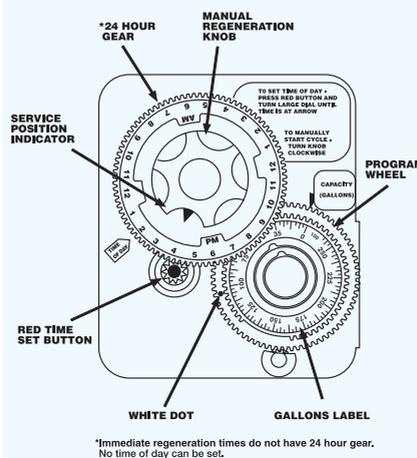


How to set days on which water conditioner is to regenerate:

Rotate the skipper wheel until the number "1" is at the red pointer. Set the days that regeneration is to occur by sliding tabs on the skipper wheel outward to expose trip fingers.

Each tab is one day. Finger at red pointer is tonight. Moving clockwise from the red pointer, extend or retract fingers to obtain the desired regeneration schedule.

3210



Typical programming procedure

Calculate the gallon capacity of the system, subtract the necessary reserve requirement and set the appropriate gallons available opposite the small white dot on the program wheel. Note, drawing shows 10,000 gallons setting. The capacity (gallons) arrow denotes remaining gallons exclusive of calculated reserve.

Immediate regeneration timers

These timers do not have a 24 hour gear. Setting the gallons on the program wheel and manual regeneration procedure are the same as previous instructions.