Timers - **Electromechanical**

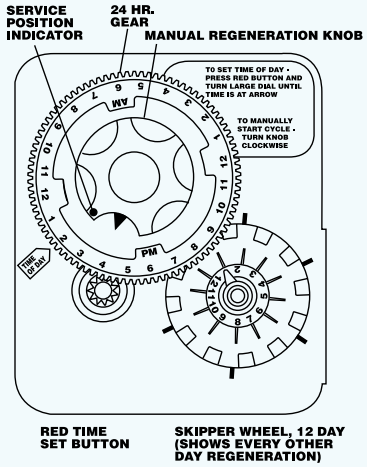
Model 3200 & 3210

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)

3200

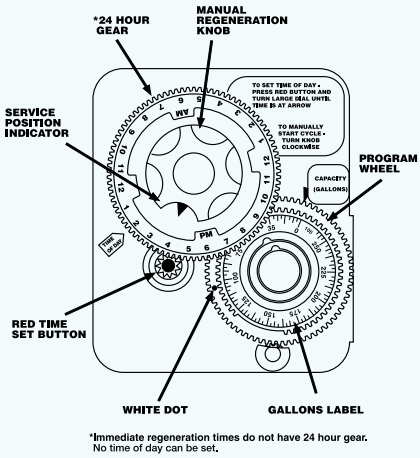


How to set days on which water conditioner is to regenerate:

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



*Immediate regeneration times do not have 24 hour gear. No time of day can be set.

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 gear. 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.

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 thought 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.

Timers - **Electronic**

Model 3200ET

The Fleck 3200ET provides precise timing for efficient use of water and salt.

- Includes Auxiliary Relay with front panel Totalizer and flow rate displays.
- All valves or meters with the 3200ET come with protective NEMA 3R enclosure that is water resistant, rain tight, corrosion resistant and UV stable.
- Suitable for indoor or outdoor applications.
- All parameters are adjusted via timer programming and can be modified at any time.
- Bright 7 digit VFD display with user panel utilizing LED status/programming indicators.
- All volume displays are in gallons or liters.
- A regeneration lockout input is available.

For Valve	For Remote Meters
System Configurations Four different system configurations are available using either time clock, meter or sensor inputs to initiate a regeneration.	
System Type 4 Single Unit Operation	Single or Duplex Unit
System Type 5 Dual Interlock System	Duplex or Multiple Unit
System Type 6 Multiple Unit, Single Input, Series Regeneration	Duplex or Multiple Unit
System Type 7 Multiple Unit, Single Input, Alternating Regeneration and Standby	Duplex or Multiple Unit
Regeneration Types Time Clock Delayed	
Meter Immediate	Meter Immediate
Meter Delayed with Daily Variable Reserve	Water Delayed
Sensor Delayed	
Electrical Rating Available in 24, 120 or 240 VAC 50/60 Hz	
Total system load not to exceed 6 amps	
Operating Temperature Range	32° F - 120° F (0° C - 49° C)