Using the online programming tool

1. Multiple programs sets can be created, which are unique to the user, and stored in a list.

2. Create a program set using the **create program** button.

   - Each program set will require a name.

   - Each program set can contain 21 unique programs, which can be turned on or off within the set.

   - Programs, identified by number 1-21, include a day or days, on/off times, and intensity settings.

   - The tool will warn the user of overlapping programs.

   - Programs sets need to be saved.

3. Edit an existing program set using the **edit** button to the right of the program name.

4. Copy an existing program set using the **copy** button to the right of the program name. This can be especially useful for quickly duplicating a very similar set of programs.

5. Delete an existing program set using the **delete** button to the right of the program name.

6. Export an existing program set using the **export** button to the right of the program name.

   - A .zip file containing your program set (schedule.txt), the latest firmware (discover.hex), and the final instruction for use (readme.txt) will download to your computer.

   - Insert a USB stick.

   - Copy the files needed (schedule.txt for programs, discover.hex for firmware) to the top level directory of the card (not in a folder or .zip file).

7. Insert the USB stick into the appliance.

Loading new firmware from a USB stick

1. Copy discover.hex to a USB stick.

2. Insert the USB stick.

3. Press the reset button, and the five buttons will light in sequence from left to right.

4. The ⏻ and ⊕ buttons will light alternately.

5. Press and hold ⏻ for one second, and the display will show **LOAD** for about ten seconds.

6. The five buttons will light in sequence from left to right.

7. Remove the USB stick; the display will show the currently loaded firmware version and the pump will run for one second.

8. Press ⏻ to turn on the power.

9. Be sure that the power is on and the appliance is in **Run Program** mode prior to closing and locking the door.

Programming the Appliance from a USB stick

1. Copy schedule.txt to a USB stick.

2. Insert the USB stick.

3. Press the reset button, and the five buttons will light in sequence from left to right.

4. The ⏻ and ⊕ buttons will light alternately.

5. Press and hold ⏻ for one second, and the display will show **LOAD** for about ten seconds.

6. The five buttons will light in sequence from left to right.

7. Remove the USB stick; the display will show the currently loaded firmware version and the pump will run for one second.

8. Press ⏻ to turn on the power.

9. Press ⊕ to cycle through the modes to the **Run Program** mode.

10. Press ⊘ to view the start time for the first program.

11. Press ⊘ again to view the stop time for the first program.

12. Press ⊕ or ⊖ to view the second and third programs.

13. Be sure the power is on and the appliance is in **Run Program** mode prior to closing and locking the door.

Copying programs to a USB stick

1. Insert a USB stick.

2. Press the reset button, and the five buttons will light in sequence from left to right.

3. The ⏻ and ⊕ buttons will light alternately.

4. Press and hold ⊕ for one second, and the display will show **SAVE** for about ten seconds.

5. The five buttons will light in sequence from left to right.

6. Remove the USB stick; the display will show the currently loaded firmware version and the pump will run for one second.

7. Press ⏻ to turn on the power.

8. Be sure that the power is on and the appliance is in **Run Program** mode prior to closing and locking the door.

9. The new file created on the USB stick will be called "outsche.txt." Changing it to "schedule.txt" allows the programs to be loaded on another appliance.