ESP-LXD Controller

Programming Guide

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate
	1	40005	V1	FD101	2	15
	2	40006	V1	FD101	2	40
	3	40007	V1	FD101	2	25
	4	40008	V1	FD101	2	47
	5	40009	V3	FD202	5	72
	6	40010	V1	FD101	2	53
	7	40011	V1	FD101	2	37
	8	40012	V1	FD101	2	48
	9	40013	V2	FD401	2	25
	10	40014	V1	FD101	1	18
	11	40015	V1	FD101	2	52
	12	40016	V4	FD101	2	60
	13	40017	V1	FD101	2	35
	14	40018	V1	FD101	2	43
	15	40019	V1	FD101	2	15
	16	40020	V1	FD101	2	40
	17	40021	V1	FD101	2	25
	18	40022	V1	FD101	2	47

Symbols

NOTE: Symbol is intended to alert the user to important operating, functionality or maintenance or installation instructions.

WARNING: Symbol is intended to alert the user to the presence of electricity within the controller which may constitute a risk of electronic shock or other hazard.

CAUTION: Symbol is intended to alert the user to important instructions or conditions that could seriously affect irrigation effectivity or controller operation.

DIAL: Symbol indicates that the user is required to turn the dial on the controller to the appropriate setting in order to follow subsequent instructions as described in that section.

REPEAT: Symbol indicates that a repetition of previous steps or actions may be required in order to continue or complete the controller programming process.

Storing the Programming Guide

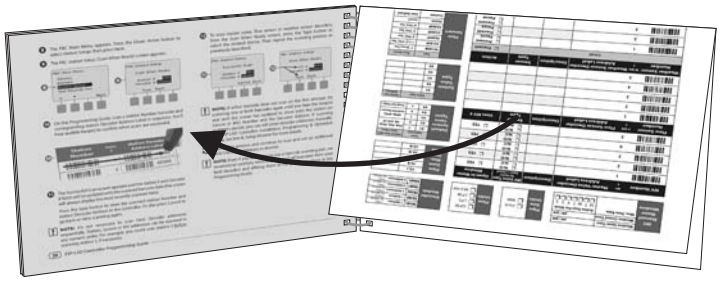
Return the Programming Guide to a permanent, safe location when you're finished working with it. We recommend hanging it on the hook inside the controller cabinet door as shown below.

For technical assistance contact Rain Bird at 1-800-247-3782
Visit us on the web at www.rainbird.com

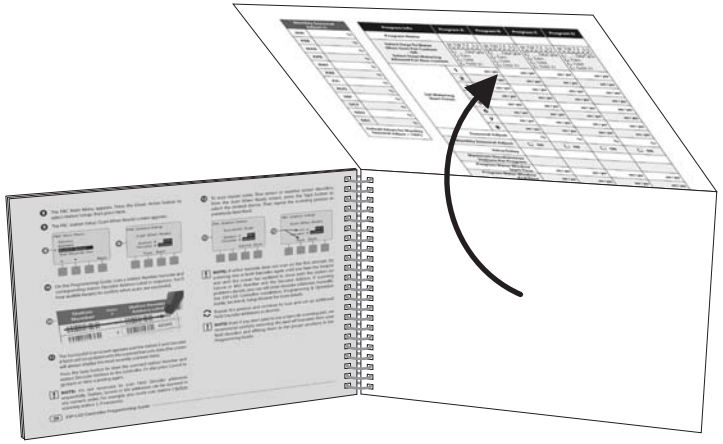
How To Use The Programming Guide

Program Information Fold-out Sheet

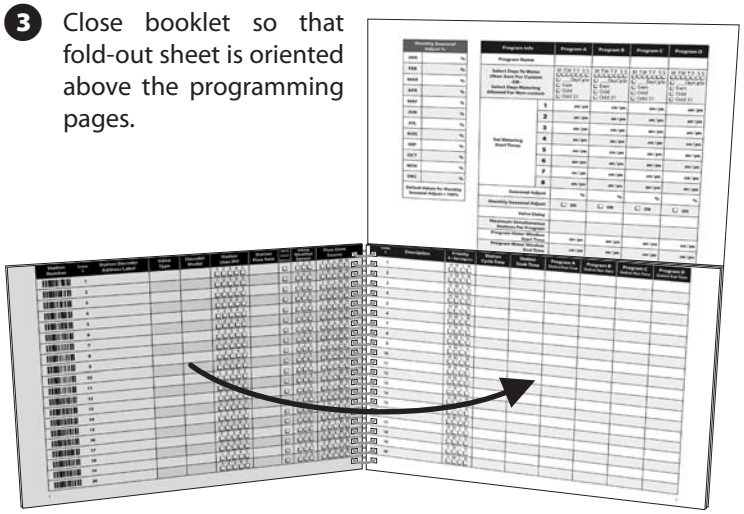
1. Open booklet to back page.



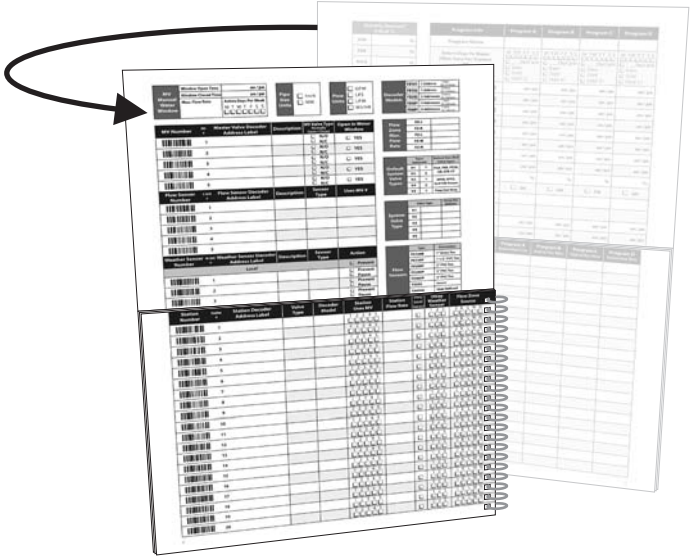
2. Open program information fold-out sheet.



3. Close booklet so that fold-out sheet is oriented above the programming pages.



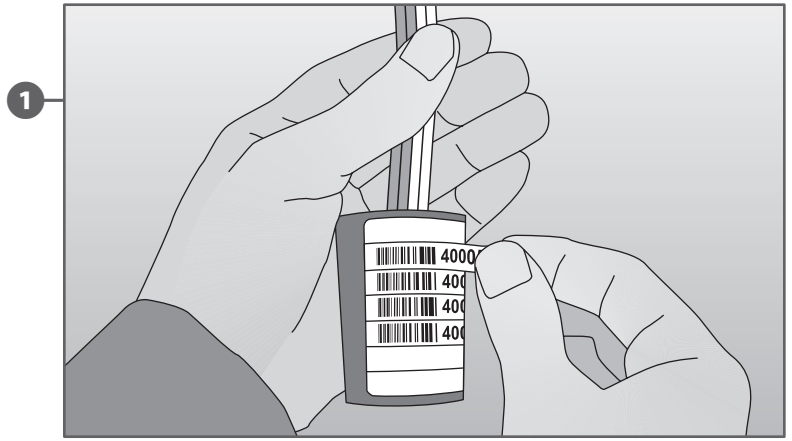
4. Flip booklet over to enter or review common system and program data (on the fold-out sheet above) corresponding to data for the individual stations (on programming pages below).



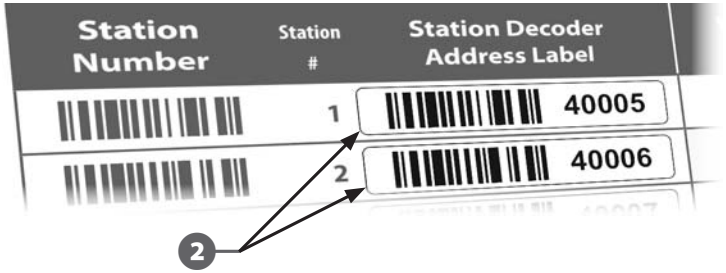
Apply Decoder Address Labels

Before you begin programming, apply your field decoder barcode labels to the appropriate fields on the Programming Guide.

1. Carefully peel the station, master valve, flow or weather sensor sensor decoder barcode label off of the decoder.



2. Apply the decoder address labels in the appropriate fields on the Programming Guide.



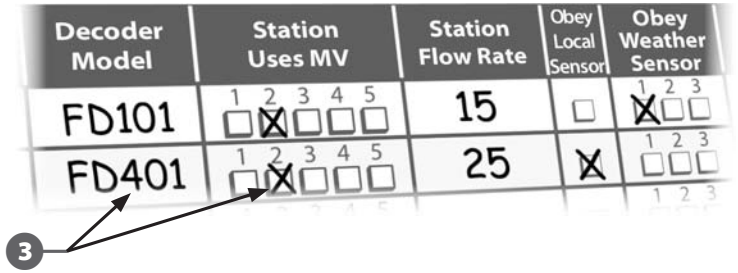
Repeat this process to apply additional barcode labels to the programming chart.

NOTE: An optional Programming Backup Cartridge (PBC) is available for the ESP-LXD controller, which allows you to create and Restore multiple Backups of irrigation programs. With a PBC cartridge installed, you can also set up Field Decoder addresses by using a barcode scanning pen to read the removable barcode labels attached to Rain Bird's field decoders. See Section E of the ESP-LXD Controller Installation, Programming and Operation Guide for more details. Or see page 26 of this Programming Guide for more details on setting up a barcode scanning pen.

Fill Out Programming Guide

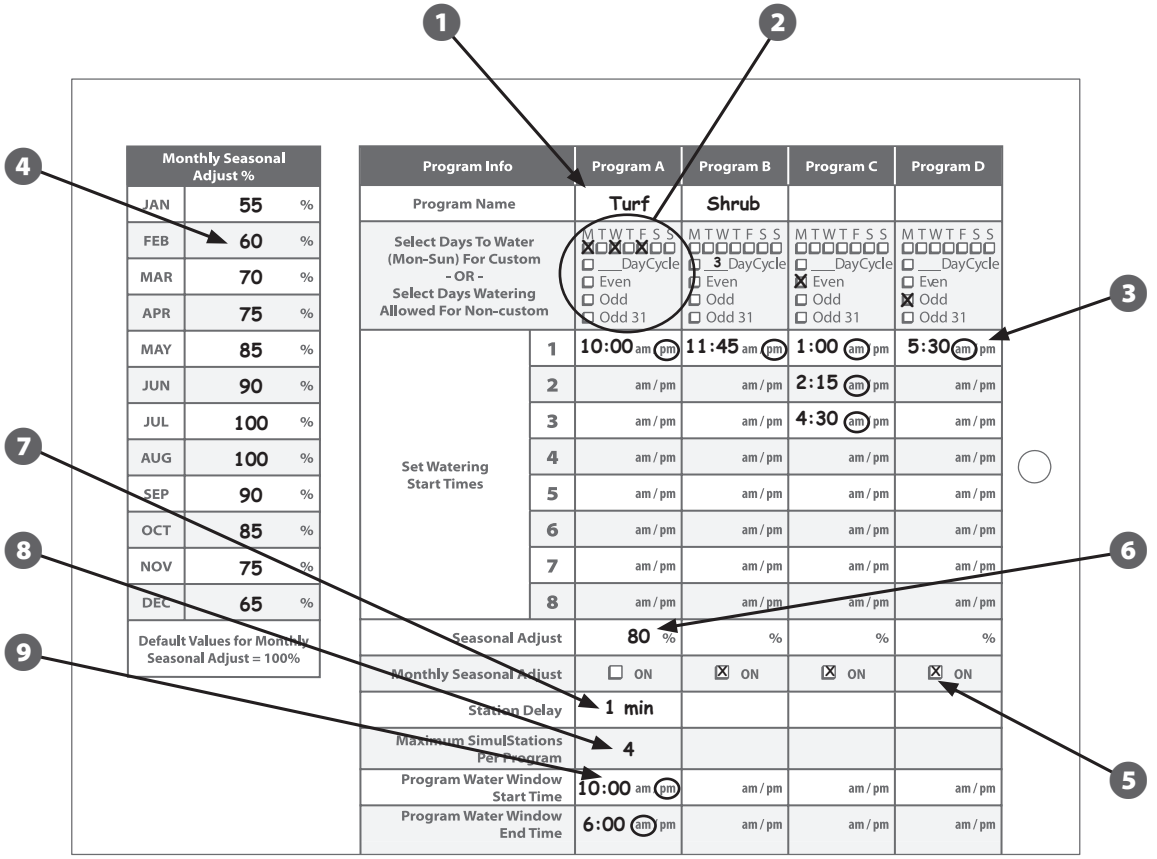
Before you begin programming, fill out the Programming Guide. Sample Programming information is shown on the following pages.

3. Enter information about your system hardware and settings in the appropriate fields on the Programming Guide.



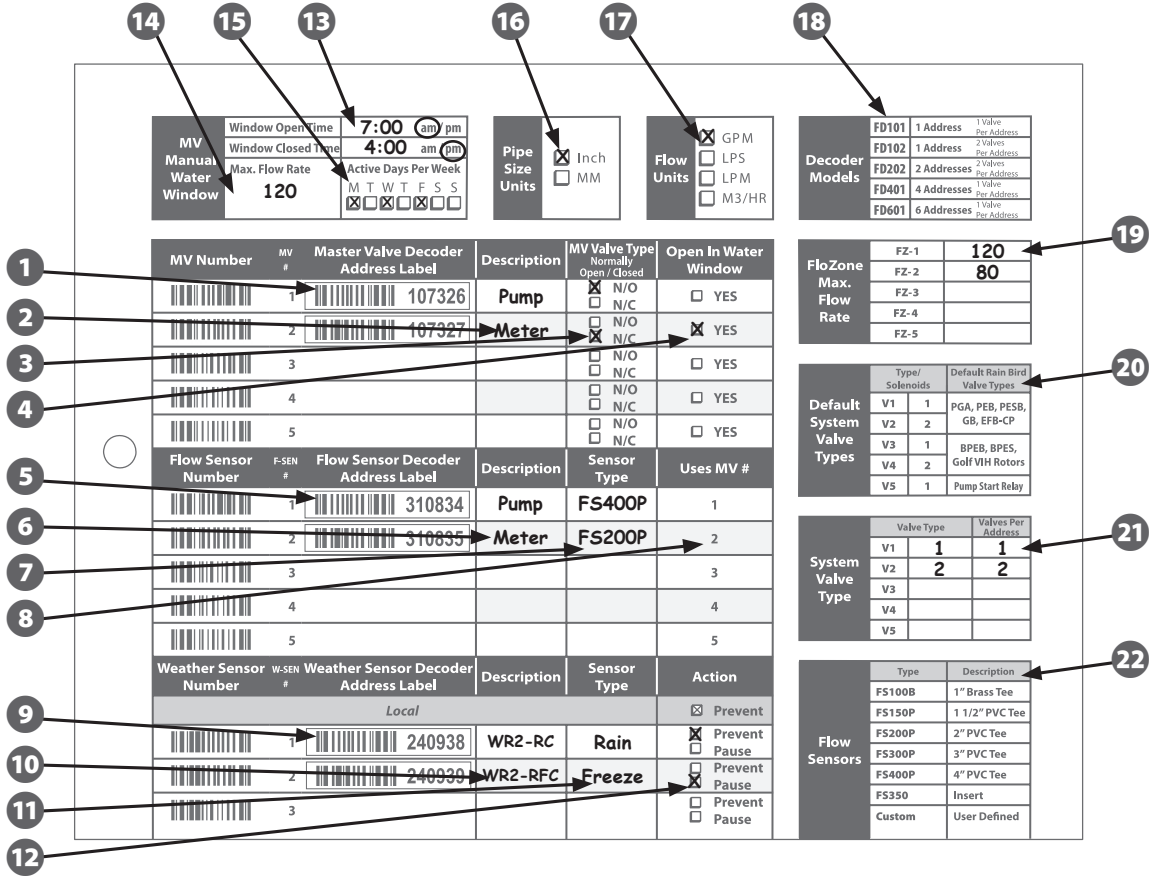
Sample Programming Guide Information (1)

1. Enter custom Program Names for your programs in these fields.
2. Enter Days To Water for each program:
   - For Custom cycle, check the specific days of the week to include for irrigation.
   - For Cyclical schedule, enter the cycle period. For example, a "3" DayCycle indicates irrigation will occur every third day.
   - For Odd/Even day watering, check Odd, Even, or Odd 31.
3. Enter Watering Start Time(s). You may enter up to eight start times for each program, but only one start time is needed for a program to run. Circle either "am" or "pm".
4. Enter the Seasonal Adjust by Month percentages (if you are using them).
5. Check "ON" in the Monthly Seasonal Adjust row for each program that will use the monthly percentages.
6. Enter the Seasonal Adjust by Program percentage (if you are using it). The Seasonal Adjust for sample Program A is set to 80%, and the Monthly Seasonal Adjust box is left unchecked.
7. Enter the Station Delay for each program (if desired). In the sample, Program A has a one-minute delay between valves. When valve 1 ends, the controller waits one minute before starting valve 2. There will also be a one-minute delay between valve 2 and valve 3, etc. A station delay setting applies to all programs.
8. Enter the Maximum Number of SimulStations allowed per program. In the sample, Program A is allowed to run a maximum number of 4 programs simultaneously.
9. Enter the Water Window Start and End Time(s) for each program (if you're using them). Circle either "am" or "pm".



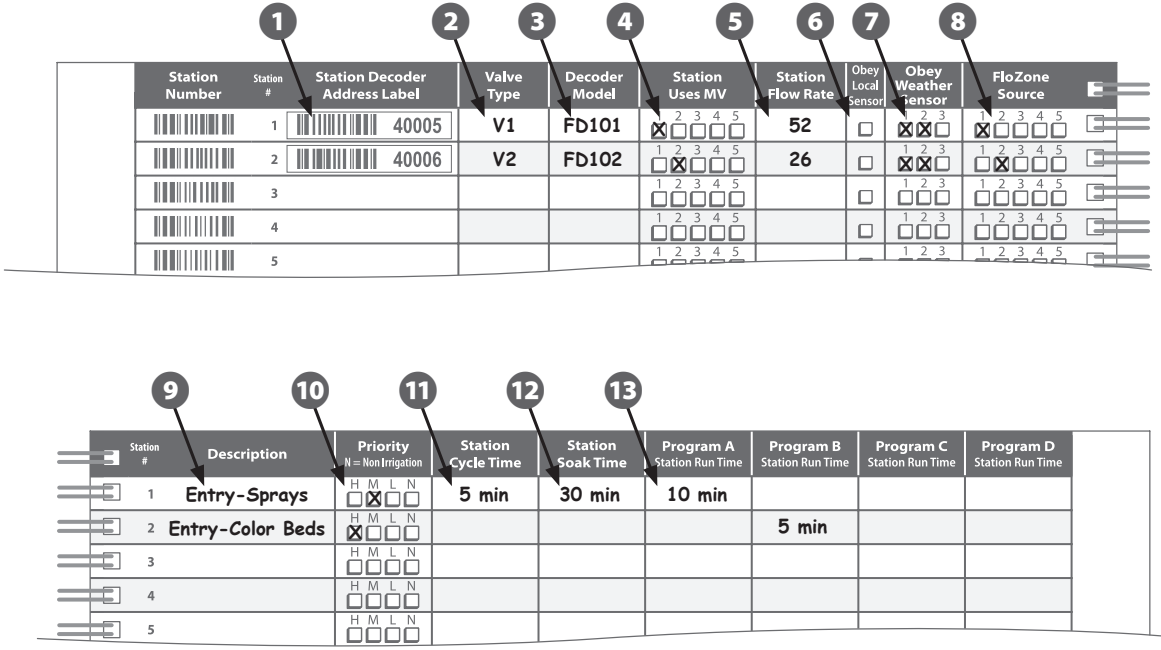
Sample Programming Guide Information (2)

1. Apply Master Valve (MV) Decoder Address Labels in these fields.
2. Enter Description of the MV.
3. Check if the MV is normally open (NO) or normally closed (NC).
4. Check if the MV is allowed to open during the MV Manual Water Window.
5. Apply Flow Sensor Decoder Address Labels in these fields.
6. Enter Description of the flow sensor.
7. Enter the Type of flow sensor.
8. Specifies which Master Valve (MV) the sensor is connected to.
9. Apply Weather Sensor Decoder Address Labels in these fields.
10. Enter Description of the weather sensor
11. Enter the Type of weather sensor.
12. Check which Action the sensor performs (prevent or pause).
13. Enter the Master Valve (MV) Manual Water Window Open and Close Time(s). Circle either "am" or "pm".
14. Enter the Maximum Flow Rate.
15. Enter Days of the Week for the water window to be active.
16. Check Pipe Size Units of measurement that you're using; inches or metric.
17. Enter the Flow Units that you're using; GPM or other.
18. List of Rain Bird decoder models.
19. Enter the Maximum Flow Rate for each Flow Zone in these fields.
20. List of Rain Bird valve types.
21. Enter the System Valve Types that your system uses.
22. List of Rain Bird flow sensors.



Sample Programming Guide Information (3, 4)

1. Apply Station Decoder Address labels in these fields.
2. Enter description of the Valve Type.
3. Enter Description of the decoder model.
4. Check which Master Valve (MV) the station uses.
5. Enter the Station Flow Rate
6. Check if the station obeys a Local Sensor.
7. Check if the station obeys a Weather Sensor.
8. Check the FloZone source.
9. Enter description of the Station.
10. Check the station's Priority here.
11. Enter the Station Cycle Time (if you're using Cycle+Soak™).
12. Enter the Station Soak Time (if you're using Cycle+Soak™).
13. Enter Station Run Time(s) for each program (A, B, C and D).



Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	1				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	2				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	3				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	4				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	5				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	6				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	7				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	8				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	9				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	10				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	11				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	12				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	13				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	14				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	15				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	16				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	17				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	18				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	19				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	20				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
1		H M L N ☐☐☐☐						
2		H M L N ☐☐☐☐						
3		H M L N ☐☐☐☐						
4		H M L N ☐☐☐☐						
5		H M L N ☐☐☐☐						
6		H M L N ☐☐☐☐						
7		H M L N ☐☐☐☐						
8		H M L N ☐☐☐☐						
9		H M L N ☐☐☐☐						
10		H M L N ☐☐☐☐						
11		H M L N ☐☐☐☐						
12		H M L N ☐☐☐☐						
13		H M L N ☐☐☐☐						
14		H M L N ☐☐☐☐						
15		H M L N ☐☐☐☐						
16		H M L N ☐☐☐☐						
17		H M L N ☐☐☐☐						
18		H M L N ☐☐☐☐						
19		H M L N ☐☐☐☐						
20		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	21				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	22				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	23				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	24				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	25				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	26				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	27				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	28				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	29				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	30				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	31				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	32				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	33				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	34				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	35				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	36				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	37				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	38				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	39				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	40				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
21		H M L N ☐☐☐☐						
22		H M L N ☐☐☐☐						
23		H M L N ☐☐☐☐						
24		H M L N ☐☐☐☐						
25		H M L N ☐☐☐☐						
26		H M L N ☐☐☐☐						
27		H M L N ☐☐☐☐						
28		H M L N ☐☐☐☐						
29		H M L N ☐☐☐☐						
30		H M L N ☐☐☐☐						
31		H M L N ☐☐☐☐						
32		H M L N ☐☐☐☐						
33		H M L N ☐☐☐☐						
34		H M L N ☐☐☐☐						
35		H M L N ☐☐☐☐						
36		H M L N ☐☐☐☐						
37		H M L N ☐☐☐☐						
38		H M L N ☐☐☐☐						
39		H M L N ☐☐☐☐						
40		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	41				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	42				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	43				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	44				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	45				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	46				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	47				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	48				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	49				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	50				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	51				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	52				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	53				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	54				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	55				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	56				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	57				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	58				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	59				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	60				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
41		H M L N ☐☐☐☐						
42		H M L N ☐☐☐☐						
43		H M L N ☐☐☐☐						
44		H M L N ☐☐☐☐						
45		H M L N ☐☐☐☐						
46		H M L N ☐☐☐☐						
47		H M L N ☐☐☐☐						
48		H M L N ☐☐☐☐						
49		H M L N ☐☐☐☐						
50		H M L N ☐☐☐☐						
51		H M L N ☐☐☐☐						
52		H M L N ☐☐☐☐						
53		H M L N ☐☐☐☐						
54		H M L N ☐☐☐☐						
55		H M L N ☐☐☐☐						
56		H M L N ☐☐☐☐						
57		H M L N ☐☐☐☐						
58		H M L N ☐☐☐☐						
59		H M L N ☐☐☐☐						
60		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	61				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	62				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	63				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	64				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	65				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	66				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	67				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	68				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	69				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	70				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	71				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	72				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	73				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	74				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	75				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	76				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	77				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	78				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	79				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	80				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
61		H M L N ☐☐☐☐						
62		H M L N ☐☐☐☐						
63		H M L N ☐☐☐☐						
64		H M L N ☐☐☐☐						
65		H M L N ☐☐☐☐						
66		H M L N ☐☐☐☐						
67		H M L N ☐☐☐☐						
68		H M L N ☐☐☐☐						
69		H M L N ☐☐☐☐						
70		H M L N ☐☐☐☐						
71		H M L N ☐☐☐☐						
72		H M L N ☐☐☐☐						
73		H M L N ☐☐☐☐						
74		H M L N ☐☐☐☐						
75		H M L N ☐☐☐☐						
76		H M L N ☐☐☐☐						
77		H M L N ☐☐☐☐						
78		H M L N ☐☐☐☐						
79		H M L N ☐☐☐☐						
80		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	81				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	82				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	83				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	84				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	85				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	86				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	87				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	88				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	89				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	90				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	91				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	92				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	93				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	94				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	95				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	96				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	97				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	98				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	99				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	100				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
81		H M L N ☐☐☐☐						
82		H M L N ☐☐☐☐						
83		H M L N ☐☐☐☐						
84		H M L N ☐☐☐☐						
85		H M L N ☐☐☐☐						
86		H M L N ☐☐☐☐						
87		H M L N ☐☐☐☐						
88		H M L N ☐☐☐☐						
89		H M L N ☐☐☐☐						
90		H M L N ☐☐☐☐						
91		H M L N ☐☐☐☐						
92		H M L N ☐☐☐☐						
93		H M L N ☐☐☐☐						
94		H M L N ☐☐☐☐						
95		H M L N ☐☐☐☐						
96		H M L N ☐☐☐☐						
97		H M L N ☐☐☐☐						
98		H M L N ☐☐☐☐						
99		H M L N ☐☐☐☐						
100		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	101				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	102				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	103				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	104				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	105				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	106				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	107				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	108				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	109				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	110				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	111				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	112				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	113				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	114				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	115				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	116				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	117				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	118				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	119				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	120				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
101		H M L N ☐☐☐☐						
102		H M L N ☐☐☐☐						
103		H M L N ☐☐☐☐						
104		H M L N ☐☐☐☐						
105		H M L N ☐☐☐☐						
106		H M L N ☐☐☐☐						
107		H M L N ☐☐☐☐						
108		H M L N ☐☐☐☐						
109		H M L N ☐☐☐☐						
110		H M L N ☐☐☐☐						
111		H M L N ☐☐☐☐						
112		H M L N ☐☐☐☐						
113		H M L N ☐☐☐☐						
114		H M L N ☐☐☐☐						
115		H M L N ☐☐☐☐						
116		H M L N ☐☐☐☐						
117		H M L N ☐☐☐☐						
118		H M L N ☐☐☐☐						
119		H M L N ☐☐☐☐						
120		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	121				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	122				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	123				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	124				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	125				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	126				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	127				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	128				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	129				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	130				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	131				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	132				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	133				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	134				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	135				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	136				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	137				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	138				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	139				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	140				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
121		H M L N ☐☐☐☐						
122		H M L N ☐☐☐☐						
123		H M L N ☐☐☐☐						
124		H M L N ☐☐☐☐						
125		H M L N ☐☐☐☐						
126		H M L N ☐☐☐☐						
127		H M L N ☐☐☐☐						
128		H M L N ☐☐☐☐						
129		H M L N ☐☐☐☐						
130		H M L N ☐☐☐☐						
131		H M L N ☐☐☐☐						
132		H M L N ☐☐☐☐						
133		H M L N ☐☐☐☐						
134		H M L N ☐☐☐☐						
135		H M L N ☐☐☐☐						
136		H M L N ☐☐☐☐						
137		H M L N ☐☐☐☐						
138		H M L N ☐☐☐☐						
139		H M L N ☐☐☐☐						
140		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	141				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	142				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	143				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	144				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	145				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	146				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	147				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	148				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	149				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	150				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	151				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	152				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	153				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	154				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	155				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	156				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	157				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	158				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	159				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐
	160				1 2 3 4 5 ☐ ☐ ☐ ☐ ☐		☐	1 2 3 ☐ ☐ ☐	1 2 3 4 5 ☐ ☐ ☐ ☐ ☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
141		H M L N ☐☐☐☐						
142		H M L N ☐☐☐☐						
143		H M L N ☐☐☐☐						
144		H M L N ☐☐☐☐						
145		H M L N ☐☐☐☐						
146		H M L N ☐☐☐☐						
147		H M L N ☐☐☐☐						
148		H M L N ☐☐☐☐						
149		H M L N ☐☐☐☐						
150		H M L N ☐☐☐☐						
151		H M L N ☐☐☐☐						
152		H M L N ☐☐☐☐						
153		H M L N ☐☐☐☐						
154		H M L N ☐☐☐☐						
155		H M L N ☐☐☐☐						
156		H M L N ☐☐☐☐						
157		H M L N ☐☐☐☐						
158		H M L N ☐☐☐☐						
159		H M L N ☐☐☐☐						
160		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	161				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	162				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	163				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	164				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	165				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	166				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	167				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	168				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	169				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	170				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	171				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	172				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	173				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	174				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	175				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	176				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	177				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	178				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	179				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	180				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
161		H M L N ☐☐☐☐						
162		H M L N ☐☐☐☐						
163		H M L N ☐☐☐☐						
164		H M L N ☐☐☐☐						
165		H M L N ☐☐☐☐						
166		H M L N ☐☐☐☐						
167		H M L N ☐☐☐☐						
168		H M L N ☐☐☐☐						
169		H M L N ☐☐☐☐						
170		H M L N ☐☐☐☐						
171		H M L N ☐☐☐☐						
172		H M L N ☐☐☐☐						
173		H M L N ☐☐☐☐						
174		H M L N ☐☐☐☐						
175		H M L N ☐☐☐☐						
176		H M L N ☐☐☐☐						
177		H M L N ☐☐☐☐						
178		H M L N ☐☐☐☐						
179		H M L N ☐☐☐☐						
180		H M L N ☐☐☐☐						

Station Number	Station #	Station Decoder Address Label	Valve Type	Decoder Model	Station Uses MV	Station Flow Rate	Obey Local Sensor	Obey Weather Sensor	FloZone Source
	181				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	182				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	183				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	184				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	185				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	186				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	187				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	188				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	189				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	190				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	191				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	192				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	193				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	194				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	195				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	196				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	197				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	198				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	199				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐
	200				1 2 3 4 5 ☐☐☐☐☐		☐	1 2 3 ☐☐☐	1 2 3 4 5 ☐☐☐☐☐

Station #	Description	Priority N = Non Irrigation	Station Cycle Time	Station Soak Time	Program A Station Run Time	Program B Station Run Time	Program C Station Run Time	Program D Station Run Time
181		H M L N ☐☐☐☐						
182		H M L N ☐☐☐☐						
183		H M L N ☐☐☐☐						
184		H M L N ☐☐☐☐						
185		H M L N ☐☐☐☐						
186		H M L N ☐☐☐☐						
187		H M L N ☐☐☐☐						
188		H M L N ☐☐☐☐						
189		H M L N ☐☐☐☐						
190		H M L N ☐☐☐☐						
191		H M L N ☐☐☐☐						
192		H M L N ☐☐☐☐						
193		H M L N ☐☐☐☐						
194		H M L N ☐☐☐☐						
195		H M L N ☐☐☐☐						
196		H M L N ☐☐☐☐						
197		H M L N ☐☐☐☐						
198		H M L N ☐☐☐☐						
199		H M L N ☐☐☐☐						
200		H M L N ☐☐☐☐						

Barcode Scanning Pen Setup

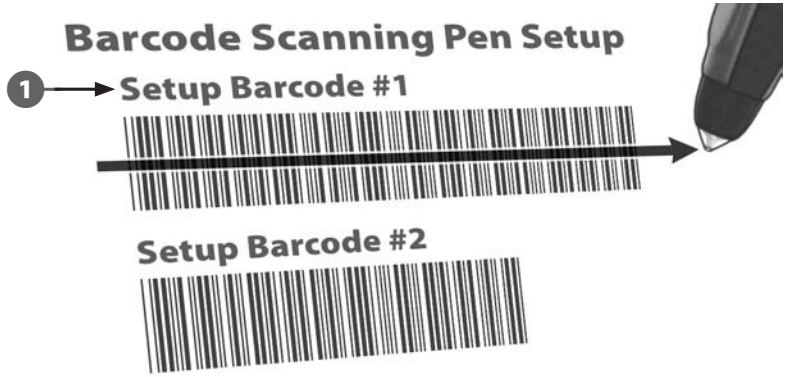
Setup Barcode #1

Setup Barcode #2

Set Up Barcode Scanning Pen

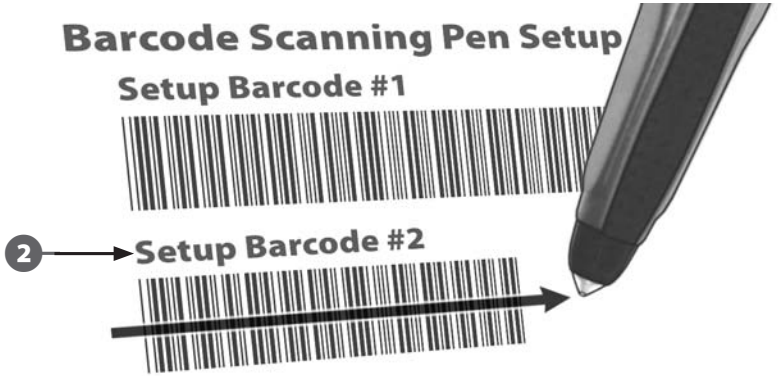
NOTE: The optional barcode scanning pen must be purchased separately. Rain Bird recommends using a Unitech MS100-2 barcode pen with 9 pin (female) serial connector. Go to www.ute.com for more details. To set up other brands of barcode scanning pens, see the manufacturer's setup instructions.

1. Scan Setup Barcode # 1 barcode (above) lengthwise as shown. You'll hear audible beep(s) to confirm that the first scan was successful.



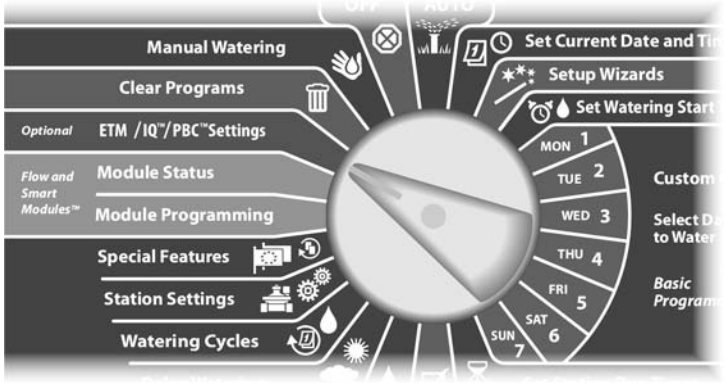
2. Then scan Setup Barcode # 2 and again you'll hear audible beep(s) to confirm that the second scan was successful. The barcode scanning pen is now ready for use.

NOTE: If you do not hear audible beep(s) to confirm scan success then repeat the process until you hear the beeps.



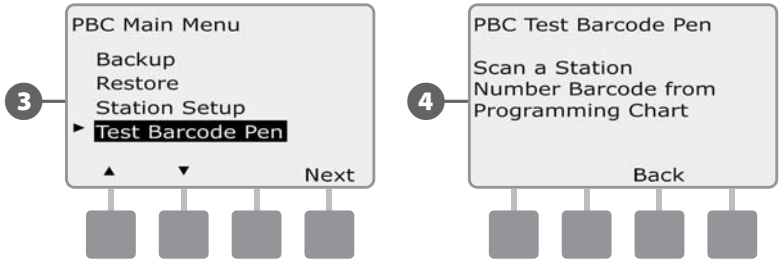
Test Barcode Scanning Pen

1. Turn the controller dial to ETM/IQ/PBC Settings.



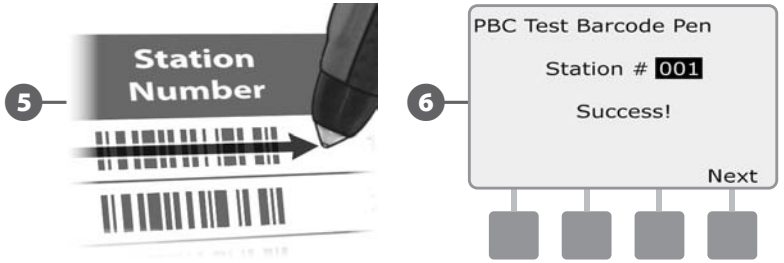
3. The PBC Main Menu appears. Press the Down Arrow button to select Test Barcode Pen; then press Next.

4. The PBC Test Barcode Pen screen appears with instructions.



5. Scan any station Number Barcode (as shown on pages 6-25 of the Programming Guide). You'll hear an audible beep to confirm when the scan was successful.

6. The Success! screen will appear and the station # field will display the station number of the scanned barcode.



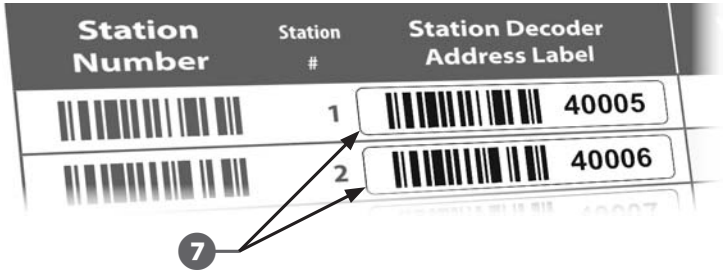
NOTE: Return the Programming Guide to a permanent, safe location when you're finished working with it. We recommend hanging it on the hook inside the controller cabinet door.

Scan Field Decoder Addresses

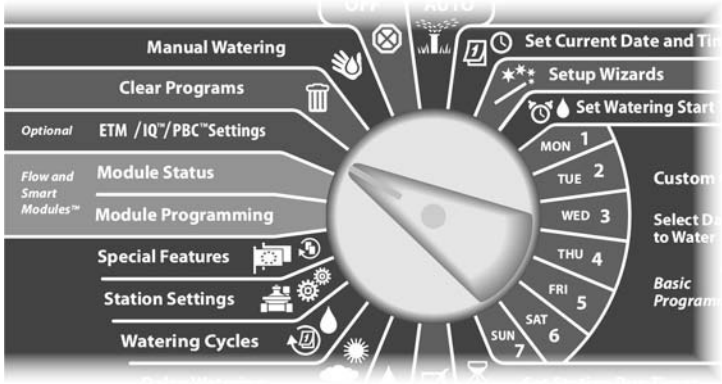
Set up field decoders automatically by scanning.

CAUTION: Barcode scanning replaces any previous decoder addresses stored in the controller. Be sure to complete the previous Test Barcode Scanning Pen process before starting as the test process will not update or replace your decoder addresses.

7. Ensure that the station Decoder Address Labels are affixed in the proper locations on the Programming Guide.

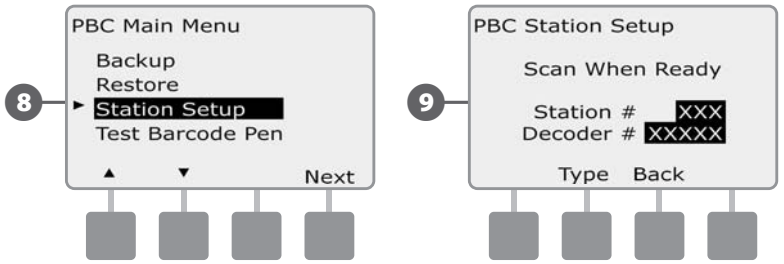


Turn the controller dial to ETM/IQ/PBC Settings.

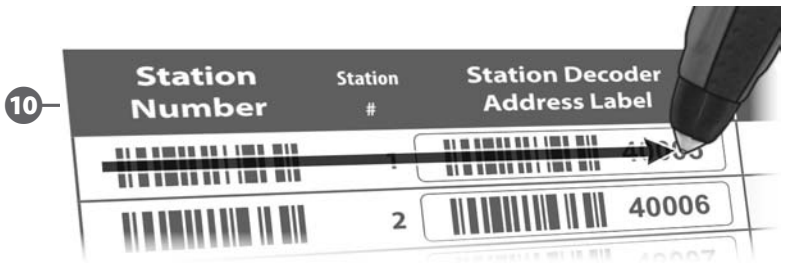


8. The PBC Main Menu appears. Press the Down Arrow button to select station Setup; then press Next.

9. The PBC station Setup (Scan When Ready) screen appears.



10. On the Programming Guide, scan a station Number barcode and corresponding station Decoder Address Label in sequence. You'll hear audible beep(s) to confirm when scans are successful.

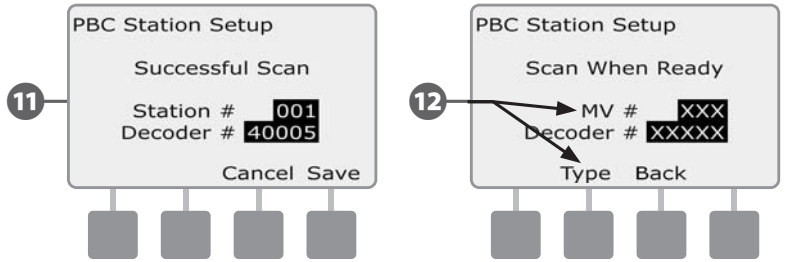


11. The Successful Scan screen appears and the station # and Decoder # fields will be updated with the scanned barcode data (the screen will always display the most recently scanned data).

    Press the Save button to store the scanned station Number and station Decoder Address in the controller. Or else press Cancel to go back or retry scanning again.

NOTE: It's not necessary to scan Field Decoder addresses sequentially. Station, Sensor or MV addresses can be scanned in any numeric order. For example, you could scan station 2 before scanning station 1, if necessary.

12. To scan master valve, flow sensor or weather sensor decoders; from the Scan When Ready screen, press the Type button to select the desired device. Then repeat the scanning process as previously described.



NOTE: If either barcode does not scan on the first attempt, try scanning one or both barcodes again until you hear the beep(s) and until the screen has updated to show both the station (or Sensor or MV) Number and the Decoder Address. If scanning problems persist, you can still enter decoder addresses manually. See ESP-LXD Controller Installation, Programming & Operation Guide, Section B, Setup Wizards for more details.

Repeat this process and continue to scan and set up additional Field Decoder addresses as desired.

NOTE: Even if you don't plan to use a barcode scanning pen, we recommend carefully removing the peel-off barcodes from your field decoders and affixing them to the proper positions in the Programming Guide.

Monthly Seasonal Adjust %	
JAN	%
FEB	%
MAR	%
APR	%
MAY	%
JUN	%
JUL	%
AUG	%
SEP	%
OCT	%
NOV	%
DEC	%
Default Values for Monthly Seasonal Adjust = 100%	

Program Info		Program A	Program B	Program C	Program D
Program Name					
Select Days To Water (Mon-Sun) For Custom - OR - Select Days Watering Allowed For Non-custom		M T W T F S S ☐☐☐☐☐☐☐ ☐ ___Day Cycle ☐ Even ☐ Odd ☐ Odd 31	M T W T F S S ☐☐☐☐☐☐☐ ☐ ___Day Cycle ☐ Even ☐ Odd ☐ Odd 31	M T W T F S S ☐☐☐☐☐☐☐ ☐ ___Day Cycle ☐ Even ☐ Odd ☐ Odd 31	M T W T F S S ☐☐☐☐☐☐☐ ☐ ___Day Cycle ☐ Even ☐ Odd ☐ Odd 31
Set Watering Start Times	1	am / pm	am / pm	am / pm	am / pm
	2	am / pm	am / pm	am / pm	am / pm
	3	am / pm	am / pm	am / pm	am / pm
	4	am / pm	am / pm	am / pm	am / pm
	5	am / pm	am / pm	am / pm	am / pm
	6	am / pm	am / pm	am / pm	am / pm
	7	am / pm	am / pm	am / pm	am / pm
	8	am / pm	am / pm	am / pm	am / pm
Seasonal Adjust		%	%	%	%
Monthly Seasonal Adjust		☐ ON	☐ ON	☐ ON	☐ ON
Station Delay					
Maximum SimulStations Per Program					
Program Water Window Start Time		am / pm	am / pm	am / pm	am / pm
Program Water Window End Time		am / pm	am / pm	am / pm	am / pm

MV Manual Water Window		
	Window Open Time	am / pm
	Window Closed Time	am / pm
	Max. Flow Rate	Active Days Per Week M T W T F S S ☐☐☐☐☐☐☐

Pipe Size Units	
	☐ Inch
	☐ MM

Flow Units	
	☐ GPM
	☐ LPS
	☐ LPM
	☐ M3/HR

Decoder Models			
	FD101	1 Address	1 Valve Per Address
	FD102	1 Address	2 Valves Per Address
	FD202	2 Addresses	2 Valves Per Address
	FD401	4 Addresses	1 Valve Per Address
	FD601	6 Addresses	1 Valve Per Address

MV Number	MV #	Master Valve Decoder Address Label	Description	MV Valve Type Normally Open / Closed	Open In Water Window
	1			☐ N/O ☐ N/C	☐ YES
	2			☐ N/O ☐ N/C	☐ YES
	3			☐ N/O ☐ N/C	☐ YES
	4			☐ N/O ☐ N/C	☐ YES
	5			☐ N/O ☐ N/C	☐ YES

Flow Sensor Number	F-SEN #	Flow Sensor Decoder Address Label	Description	Sensor Type	Uses MV #
	1				1
	2				2
	3				3
	4				4
	5				5

Weather Sensor Number	W-SEN #	Weather Sensor Decoder Address Label	Description	Sensor Type	Action
		Local			☒ Prevent
	1				☐ Prevent ☐ Pause
	2				☐ Prevent ☐ Pause
	3				☐ Prevent ☐ Pause

FloZone Max. Flow Rate		
	FZ-1	
	FZ-2	
	FZ-3	
	FZ-4	
	FZ-5	

Default System Valve Types	Type/ Solenoids		Default Rain Bird Valve Types
	V1	1	PGA, PEB, PESB, GB, EFB-CP
	V2	2	
	V3	1	BPEB, BPES, Golf VIH Rotors
	V4	2	
	V5	1	Pump Start Relay

System Valve Type	Valve Type		Valves Per Address
	V1		
	V2		
	V3		
	V4		
	V5		

Flow Sensors	Type	Description
	FS100B	1" Brass Tee
	FS150P	1 1/2" PVC Tee
	FS200P	2" PVC Tee
	FS300P	3" PVC Tee
	FS400P	4" PVC Tee
	FS350	Insert
	Custom	User Defined

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