Operating Specifications

- Station run timing: up to 96 hrs continuous runtime
- Seasonal Adjust: 0% to 300% (16 hrs maximum station run time)
- 40 independent programs, programs can overlap
- 10 start times per program
- Program Day Cycles include: custom days of the week, odd, odd no 31st, even, and cyclical dates
- Manual station, program, test program

Electrical Specifications

- Input required: 120 VAC ± 10%, 60Hz
- Output: 26.5 VAC 1.9A
- Power back-up: Lithium coin-cell battery maintains time and date while nonvolatile memory maintains the schedule
- Multi-valve capacity: Maximum five 24 VAC, 7 VA solenoid valves simultaneous operation including the master valve, maximum two solenoid valves per station module

Certifications

- TBD (pending)

Dimensions

- Width: 14.32 in. (36,4 cm)
- Height:12.69 in. (32,2 cm)
- Depth: 5.50 in. (14,0 cm)

Environmental

- Operating temperature range: 14° F to 149° F (-10° C to 65° C)
- Operating humidity range: 95% max at 40° F to 120° F (4° C to 49° C) in a non-condensing environment
- Storage temperature range: -40° F to 150° F (-40° C to 66° C)

Models

- ESPLXME2: LXME2 Controller DOM 120V
- ESPLXME2P: LXME2 Controller Pro DOM 120V
- LXME2FP: LXME2 Panel Spare
- PSMLXME2: LXME2 Pro Smart Module
- IQPSCMLXM: LXME2 IQ Pro Smart Connection Module
- ESPLXMSM12: 12-Station Module

Accessories

- Painted Metal and Stainless Steel Pedestal/Enclosure Options available (see page 101)
- IQ Communication Cartridge (see page 112)
- Rain Bird FS-Series Flow Sensors (see page 104)

For more information call the ESP-LX Hotline: 1-866-544-1406

Controller Compatibility Matrix

Accessory	Description	ESP9V	TBOSBT	ESPTM2	ESPME	ESPME3	ESPLXME	ESPLXMEF	ESPLXD	ESPLXIVM	ESPLXIVMP
Weather Sensors & Stations											
RSD-BEx	Wired Rain Sensor	●	●	●	●	●	●	●	●	●	●
WR2	Wireless Rain/Freeze Sensor			●	●	●	●	●	●	●	●
SMRT-Y	Soil Moisture Sensor			●	●	●					
ANEMOMETER	Wind Speed Sensor						●[1]	●[1]	●[1]	●[1]	●[1]
Flow Meters & Sensors											
MJ100B	1" Brass Water Meter					●		●	●	●	●
ICWM	Internet Connected Water Meter										
FS100P	1" PVC Tee Flow Sensor					●		●	●	●	●
FS150P	1-1/2" PVC Tee Flow Sensor					●		●	●	●	●
FS200P	2" PVC Tee Flow Sensor					●		●	●	●	●
FS300P	3" PVC Tee Flow Sensor					●		●	●	●	●
FS400P	4" PVC Tee Flow Sensor					●		●	●	●	●
FS100B	1" Brass Tee Flow Sensor					●		●	●	●	●
FS150B	1-1/2" Brass Tee Flow Sensor					●		●	●	●	●
FS200B	2" Brass Tee Flow Sensor					●		●	●	●	●
FSINSERT	Replacement insert for tee sensors					●		●	●	●	●
FS350B	Insert Flow Sensor					●		●	●	●	●
Pulse Monitor/Transmitters											
PT322	Pulse Transmitter Flow										
PTS002	Flow Monitor/Pulse Transmitter Flow										
PTS002	Flow Monitor/Pulse Transmitter Wind						●	●	●	●	●
Sensor Decoders/Inputs											
SD210TURF	Sensor Decoder								●		
LXIVMSEN	IVM Sensor Input									●	●
Modules											
ESPSM3	ME 3-Station Module				●	●					
ESPSM6	ME 6-Station Module				●	●					
ESPLXMSM8	LXME 8-Station Module						●	●			
ESPLXMSM12	LXME 12-Station Module						●	●			
LXBASEMOD	LXME Base Module						●				
FSMLXME	LXME Flow Smart Module						●	●			
ESPLXDSM75	LXD 75-Station Module								●		
MOD50LXD	LXD 2-Wire Module								●		
LXIVM2WMOD	IVM 2-Wire Module									●	●
Field Decoders/Output Devices											
FD101TURF	1 Address, 1 Valve per Station Decoder								●		
FD102TURF	1 Address, 2 Valve per Station Decoder								●		
FD202TURF	2 Address, 2 Valve per Station Decoder								●		
FD401TURF	4 Address, 1 Valve per Station Decoder								●		
FD601TURF	1 Address, 1 Valve per Station Decoder								●		
DPU-210	FD-Series Decoder Programming Device								●		
LXIVMSOL	IVM Commercial Valve Solenoid									●	●
LXIVMOUT	IVM Output Device									●	●
Pump Start Relays											
PSR110220	110/220V Single Relay Pump Start Relay	●	●	●	●	●	●	●			
PSR110IC	110V Double Relay Pump Start Relay	●	●	●	●	●	●	●	●		
PSR220IC	220V Double Relay Pump Start Relay	●	●	●	●	●	●	●	●		
PSR110-IVM	110V DC Latching Pump Start Relay									●	●
PSR220-IVM	220V DC Latching Pump Start Relay									●	●
Surge Protection Devices											
LSP-1TURF	FD-Series Decoder Line Surge Protector								●		
LXIVMSD	IVM Surge Device									●	●
Communication Devices											
LNK2 WIFI	Wi-Fi Module for Residential Controllers			●	●	●					
IQFSCMLXME	IQ Flow Smart Connection Module LXME						●	●			
IQCMLXD	IQ Connection Module LXD								●	●	●
IQ4G-USA	IQ 4G Cellular Communication Cartridge						●	●	●	●	●
IQNCCEN	IQ Ethernet Communication Cartridge						●	●	●	●	●
IQNCCRS	IQ RS232 Communication Cartridge						●	●	●	●	●
Radios											
IQSSRADIO	900MHz Radio, TCP-IP, Metal Case						●	●	●	●	●
RB-SS-TN9B	900Mhz Radio, TCP-IP, Plastic Case						●	●	●	●	●
IQRADPK	900MHz Radio Programming Kit						●	●	●	●	●
Metal Cabinets & Pedestals											
LXMM	Painted Metal Wall Mount Enclosure						●	●	●	●	●
LXMMSS	Stainless Steel Wall Mount Enclosure						●	●	●	●	●
LXMMPED	Painted Metal Pedestal (requires LXMM)						●	●	●	●	●
LXMMSSPED	Stainless Steel Pedestal (requires LXMMSS)						●	●	●	●	●

[1] *Requires PT5002 Pulse Transmitter*

Central Control Compatibility Matrix

		IQ with				Maxicom with	Maxicom CCU with		SiteControl TWI with		SiteControl with
		ESPLXME	ESPLXMEF	ESPLXD	ESPLXIVM	ESPLXIVMP	ESPSITE	ESPSAT2	ESPSATL	ESPSAT2	ESPSATL	LDI
Weather Sensors & Stations												
RSD-BEx	Wired Rain Sensor	●	●	●	●	●	●	●	●	●	●	●
WR2	Wireless Rain/Freeze Sensor	●	●	●	●	●	●	●	●	●	●	
RAINGAUGE	Tipping Rain Gauge Sensor						●	●	●	●	●	●
ANEMOMETER	Wind Speed Sensor	●[1]	●[1]	●[1]	●[1]	●[1]	●[2]	●[2]	●[2]	●[2]	●[2]	
WSPR02DC	Weather Station (requires modem)	●	●	●	●	●	●	●	●	●	●	●
Flow Meters & Sensors												
MJ100B	1" Brass Water Meter		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
ICWM	Internet Connected Water Meter											
FS100P	1" PVC Tee Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FS150P	1-1/2" PVC Tee Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FS200P	2" PVC Tee Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FS300P	3" PVC Tee Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FS400P	4" PVC Tee Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FS100B	1" Brass Tee Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FS150B	1-1/2" Brass Tee Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FS200B	2" Brass Tee Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FSINSERT	Replacement insert for tee sensors		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
FS350B	Insert Flow Sensor		●	●	●	●	●[2]	●[2]	●[2]	●[2]	●[2]	●
Pulse Monitor/Transmitters												
PT322	Pulse Transmitter						●	●[3]	●	●[3]	●	●
PT5002	Flow Monitor/Pulse Transmitter		●	●	●	●	●	●[3]	●	●[3]	●	●
Sensor Decoders/Inputs												
SD210TURF	Sensor Decoder			●								●
LXIVMSEN	IVM Sensor Input				●	●						
DECPULLR	Pulse Decoder							●		●		
DECSENLR	Sensor Decoder							●		●		
Modules												
ESPSM3	ME 3-Station Module											
ESPSM6	ME 6-Station Module											
ESPLXMSM8	LXME 8-Station Module	●	●									
ESPLXMSM12	LXME 12-Station Module	●	●									
LXBASEMOD	LXME Base Module	●										
FSMLXME	LXME Flow Smart Module	●	●									
ESPLXDSM75	LXD 75-Station Module			●								
MODSOLXD	LXD 2-Wire Module			●								
LXIVM2WMOD	IVM 2-Wire Module				●	●						
Field Decoders/Output Devices												
FD101TURF	1 Address, 1 Valve per Station Decoder			●								●
FD102TURF	1 Address, 2 Valve per Station Decoder			●								●
FD202TURF	2 Address, 2 Valve per Station Decoder			●								●
FD401TURF	4 Address, 1 Valve per Station Decoder			●								●
FD601TURF	1 Address, 1 Valve per Station Decoder			●								●
DPU-210	FD-Series Decoder Programming Device			●								●
LXIVMSOL	IVM Commercial Valve Solenoid				●	●						
LXIVMOUT	IVM Output Device				●	●						
Pump Start Relays												
PSR110220	110/220V Single Relay Pump Start Relay	●	●	●			●	●	●	●	●	
PSR110IC	110V Double Relay Pump Start Relay	●	●	●			●	●	●	●	●	●
PSR220IC	220V Double Relay Pump Start Relay	●	●	●			●	●	●	●	●	●
PSR110-IVM	110V DC Latching Pump Start Relay				●	●						
PSR220-IVM	220V DC Latching Pump Start Relay				●	●						
Surge Protection Devices												
FSSURGEKIT	FS-Series Flow Sensor Surge Protector						●	●	●	●	●	
LSP-1TURF	FD-Series Decoder Line Surge Protector			●								●
LXIVMSD	IVM Surge Device				●	●						
Communication Devices												
LNK2 WIFI	Wi-Fi Module for Residential Controllers											
PBC-LXD	ESP LXD Programming Backup Cartridge			●								
IQFSCMLXME	IQ Flow Smart Connection Module LXME	●	●									
IQCMLXD	IQ Connection Module LXD			●	●	●						
IQ4G-USA	IQ 4G Cellular Communication Cartridge	●	●	●	●	●						
IQNCCEN	IQ Ethernet Communication Cartridge	●	●	●	●	●						
IQNCCRS	IQ RS232 Communication Cartridge	●	●	●	●	●						
RBDS-MPX	Maxi Link Communication Multiplexer								●		●	
RBDS-PME	Maxi Primary Ethernet Modem						●	●	●	●	●	●
RBDS-SEMET	Maxi Link Secondary Ethernet Modem								●		●	
ESPMIBTW	Maxi Two-Wire Satellite Interface Board							●		●		
ESPMIBLINK	Maxi Link Satellite Interface Board								●		●	
ESPMIBSITE	Maxi Site Satellite Interface Board						●					
Radios												
IQSSRADIO	900MHz Radio, TCP-IP, Metal Case	●	●	●	●	●						
RB-SS-TN9B	900Mhz Radio, TCP-IP, Plastic Case	●	●	●	●	●			●		●	
RADTN9M1B	900Mhz Radio, TCP-IP, Plastic Case								●		●	
IQRADPK	900MHz Radio Programming Kit	●	●	●	●	●			●		●	
Auxillary Terminal Strips												
ESPSATOB24	Maxi 1-24 Station Terminal Strip						●	●	●	●	●	
ESPSATOB40	Maxi 25-40 Station Terminal Strip						●	●	●	●	●	
Metal Cabinets & Pedestals												
LXMM	Painted Metal Wall Mount Enclosure	●	●	●	●	●						
LXMMSS	Stainless Steel Wall Mount Enclosure	●	●	●	●	●						
LXMMPED	Painted Metal Pedestal (requires LXMM)	●	●	●	●	●						
LXMMSSPED	Stainless Steel Pedestal (requires LXMMSS)	●	●	●	●	●						

[1] *Requires PT5002 Pulse Transmitter* [2] *Requires PT322 or PT5002 Pulse Transmitter* [3] *Requires DEC-Series Decoder for Sensor Input*