



- ① IRRIGATION CONTROLLER:  
RAIN BIRD ESP-LXMEF CONTROLLER WITH FLOW SMART  
MODULE IN LXMM METAL CABINET WITH OUTSIDE WALL  
MOUNT. INSTALL CONTROLLER AND CABINET ON WALL PER  
MANUFACTURER'S RECOMMENDATIONS.
- ② JUNCTION BOX
- ③ 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
- ④ POWER SUPPLY WIRE
- ⑤ 2-INCH CONDUIT AND FITTINGS FOR STATION WIRES
- ⑥ MASTER VALVE AND REMOTE CONTROL VALVE WIRES
- ⑦ FLOW SENSOR WIRE (PE 39, 89 OR 54) TO FLOW SENSOR

NOTES:

1. ESP-LXMEF CONTROLLER IS AVAILABLE IN 8- OR  
12-STATION BASE MODELS. ADDITIONAL MODULES IN  
4-, 8- AND 12-STATION VERSIONS MAY BE ADDED TO  
BRING THE CONTROLLER UP TO 48 STATIONS MAXIMUM.
2. FOR EASE OF INSTALLATION INTO A CONTROLLER WITH  
MORE THAN 24 STATIONS, INSTALL A JUNCTION BOX AT  
THE BASE OF CONTROLLER AND TRANSITION LARGER  
VALVE AND COMMON WIRES FROM FIELD TO 18 AWG  
MULTI CONDUCTOR WIRE TO BE USED IN CONTROLLER.
3. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40  
PVC CONDUIT FOR BELOW GRADE CONDITIONS.
4. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE  
GROUND RESISTANCE OF 10 OHMS OR LESS.

**ESP-LXMEF CONTROLLER  
WITH FLOW SMART MODULE  
IN METAL CABINET**

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N.T.S.

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