



- ① IRRIGATION CONTROLLER:  
RAIN BIRD IQ ESP-LXME SATELLITE CONTROLLER WITH IQ NCC  
ETHERNET CARTRIDGE 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 1-INCH CONDUIT AND FITTINGS FOR ETHERNET SERVICE TO  
IQ CENTRAL CONTROL COMPUTER
- ⑥ ETHERNET CABLE TO LOCAL NETWORK JACK FOR COMMUNICATION TO  
IQ CENTRAL CONTROL COMPUTER (MAXIMUM LENGTH 300 FEET)
- ⑦ 2-INCH CONDUIT AND FITTINGS FOR STATION WIRES
- ⑧ WIRES TO REMOTE CONTROL VALVES

NOTES:

1. IQ ESP-LXME 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.

**IQ ESP-LXME SATELLITE CONTROLLER  
WITH IQ NCC ETHERNET CARTRIDGE  
IN METAL CABINET**

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