



- 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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