



- ① IRRIGATION CONTROLLER:
RAIN BIRD IQ ESP-LXME SATELLITE CONTROLLER WITH
IQ NCC GPRS CARTRIDGE IN PLASTIC CABINET WITH
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 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.
5. IQ NCC GPRS CARTRIDGE COMES WITH AN INTERNAL ANTENNA FOR USE WITH
PLASTIC CABINET. INSTALL CONTROLLER IN A LOCATION TO MAXIMIZE ANTENNA
RECEPTION. CONDUCT A SURVEY OF THE SITE TO ASSURE A VIABLE AND
CONSISTENT CELLULAR CONNECTION BEFORE INSTALLING CONTROLLER. OWNER IS
RESPONSIBLE FOR PROVIDING CELLULAR SERVICE CAPABLE OF INTERFACING WITH
NCC GPRS CARTRIDGE.

**IQ ESP-LXME SATELLITE CONTROLLER
WITH IQ NCC GPRS CARTRIDGE
IN PLASTIC CABINET**

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