

Flo Controller

Mount, wire, power, pair, and test four irrigation zones.



Install

1

Inspect the kit

Confirm the Flo Controller, 915 MHz LoRa antenna, 2.4 GHz BLE antenna, and sealing caps are present and undamaged.

2

Attach antennas, then mount

Connect both antennas before power. Mount the enclosure with the valve panel facing the irrigation manifold. Cap every unused outdoor port.

3

Connect valves and power

Use Growbud valve harnesses at OUTPUTS 1-4. All four valves must be the same type. Use USB-C PD or 12 VDC for latching DC valves. Use 24 VAC at the POWER connector for 24 VAC valve drive.

TURN OVER TO PAIR + TEST →

Commission

4

Pair in the Growbud app

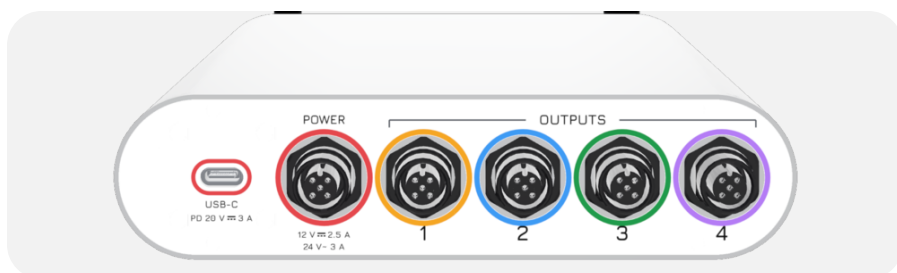
Apply power and confirm the USER button illuminates. Press it once; the button blinks while the Flo advertises over Bluetooth. In the app choose Add Device, name the Flo, and assign a room or zone.

5

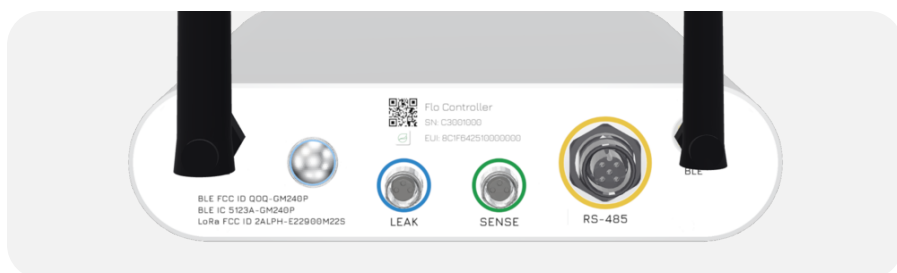
Configure and test each zone

Select LoRaWAN, Modbus Slave, Modbus Master, or BACnet MS/TP as needed. Name each valve zone, then toggle every valve once and confirm the correct zone actuates.

PANEL A · POWER + OUTPUTS



PANEL B · DATA + ACCESSORIES



ELECTRICAL WARNING

Disconnect all power before wiring. Installation should be performed by qualified personnel. Valve outputs are for solenoid coils only. Never connect motors, pumps, or heaters.

SUPPORT

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