

DC-LATCHING SOLENOID

KEY BENEFITS

- Compatible with all Hunter irrigation valves
- Compatible with NODE, NODE-BT, XC Hybrid, and WVL systems
- Captive plunger offers easy servicing of solenoid
- Manual quarter-turn on/off control

OPERATING SPECIFICATIONS

- Minimum opening/operating voltage: 6 VDC
- Maximum recommended voltage: 9 VDC
- Coil resistance: 4.8 ohms nominal
- Pulse width: 250 milliseconds
- Wire leads: 45 cm of 0.8 mm² black/red UL-approved wire

Note: See controller product pages for wiring distances

For AC Solenoid specifications, see Valve product pages.



DC-Latching Solenoid

(P/N 458200)

One black (common) wire and one red (station) wire

ADDITIONAL DATA

WIRE SIZE REFERENCE CHART

Wire Size (mm ²)	25 mm	32 mm	40 mm	50 mm	63 mm	75 mm	90 mm	110 mm	160 mm	Wire Size (mm ²)
0.5	20	35	49	80	110	175	-	-	-	0.5
1	16	30	42	67	97	150	-	-	-	1
1.5	10	18	25	40	56	88	120	150	-	1.5
2.5	7	15	20	33	50	75	102	130	-	2.5
4	6	13	16	27	40	63	85	110	-	4
6	4	6	9	16	25	35	50	65	150	6

Notes:

Approximate number of wires to be installed in conduit or tubing. Maximum number of wires in conduit or sleeving.

CLIMATE ET_p TABLE

Climate*	mm Daily
Cool Humid	2.5 to 3.8
Cool Dry	3.8 to 5.1
Warm Humid	3.8 to 5.1
Warm Dry	5.1 to 6.3
Hot Humid	5.1 to 7.6
Hot Dry	7.6 to 11.4

Notes:

* Cool = under 21°C as an average midsummer high

* Warm = between 21° and 32°C as midsummer highs

* Hot = over 32°C

* Humid = over 50% as average midsummer relative humidity (dry = under 50%)