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: 22" of 18 AWG black/red UL-approved wire

Note: See battery-operated 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

SOLAR SYNC® CALIBRATION TABLE

Use this table to identify your region and select the closest region number based upon average July ET or peak summer ET.
For more information, visit **hunter.info/ReferenceMap and hunter.info/SeasonalAdjustment.**

CALIBRATION AND SETUP PERIOD			
Based upon the ET of your region using the average July ET or peak summer ET. This is the preferred option when selecting your region.	Based upon the temperature for your region using the average July or the driest month high temperature (not the highest temperature for July).	Based upon the general description of your region.	Region
July* ET is 0.17" or less per day	Temperature for July* is 65°–75°F	U.S. Northern States, Coastal Regions	1
July* ET is 0.18"–0.23" per day	Temperature for July* is 75°–85°F	Mountains, U.S. North Inland States	2
July* ET is 0.24"–0.29" per day	Temperature for July* is 85°–95°F	U.S. Southern States, Inland and High Deserts	3
July* ET is 0.30" or more per day	Temperature for July* is 95°–105°F	Deserts	4

Notes: * For Southern Hemisphere locations, use the month of January.

ADDITIONAL DATA

MAXIMUM NUMBER OF WIRES TO BE IN STALLED IN CONDUIT OR SLEEVING													
Wire Size (AWG)	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6	Wire Size (AWG)
18	6	12	20	35	49	80	110	175					18
16	5	10	16	30	42	67	97	150					16
14	4	6	10	18	25	40	56	88	120	150			14
12	3	5	7	15	20	33	50	75	102	130	205		12
10	1	3	6	13	16	27	40	63	85	110	170		10
8	1	2	4	6	9	16	25	35	50	65	105	150	8
6	1	1	3	3	5	10	15	22	32	40	63	92	6
4		1	1	2	4	7	10	16	24	30	48	70	4
2		1	1	2	2	5	9	12	18	22	36	54	2
0			1	1	2	3	5	8	12	15	24	36	0
00			1	1	1	2	4	7	10	14	21	31	00
000				1	1	2	3	6	8	11	18	26	000
0000				1	1	1	2	5	7	10	15	22	0000