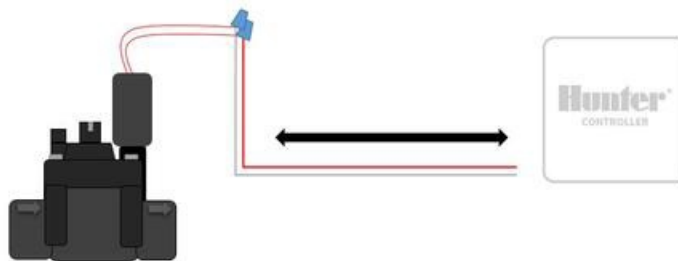


Wire Distance (Controller to Valve)



Below is a chart indicating the maximum wire runs that can be used when installing Hunter AC solenoids and valves.

Valve Wire Sizing (Maximum One-Way Distance in Feet Between Controller and Valve)

Ground Wire Size	Control Wire (ft)						
	18 AWG / 1.0 mm	16 AWG / 1.2 mm	14 AWG / 1.6 mm	12 AWG / 2.0 mm	10 AWG / 2.5 mm	8 AWG / 3 mm	6 AWG / 4 mm
18 AWG / 1.0 mm	850	1040	1210	1350	1460	1540	1590
16 AWG / 1.2 mm	1040	1340	1650	1920	2150	2330	2440
14 AWG / 1.6 mm	1210	1650	2150	2630	3080	3450	3700
12 AWG / 2.0 mm	1350	1920	2630	3390	4170	4880	5400
10 AWG / 2.5 mm	1460	2150	3080	4170	5400	6670	7690
8 AWG / 3 mm	1540	2330	3450	4880	6670	8700	10530
6 AWG / 4 mm	1590	2440	3700	5400	7690	10530	13330