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Products: X-Core, [1]
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Topics: FAQs, Installation Procedures

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	Control Wire						
	18	16	14	12	10	8	6
18	850	1040	1210	1350	1460	1540	1590
16	1040	1340	1650	1920	2150	2330	2440
14	1210	1650	2150	2630	3080	3450	3700
12	1350	1920	2630	3390	4170	4880	5400
10	1460	2150	3080	4170	5400	6670	7690
8	1540	2330	3450	4880	6670	8700	10530
6	1590	2440	3700	5400	7690	10530	13330

Below is a chart indicating the maximum wire runs that can be used when operating Hunter DC Latching solenoids with the XC Hybrid.

XC Hybrid Wire Length (Controller to Valve)

Wire Size	Maximum Distance*	
	Feet	Meters
18 AWG / 1.0 mm	550	168
16 AWG / 1.2 mm	870	265
14 AWG / 1.6 mm	1380	420

12 AWG / 2.0 mm	2200	670

* Using Hunter DC Latching Solenoids

The **NODE**, **SVC** and **WVC** can have a maximum of 100 feet of 18 AWG wire between controller and valve.

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