

Requirements:  
 24VDC Valve Coils (each)  
 Voltage: 24VDC  
 Power Consumption: 30W  
 Wiring: (+), (-), Ground

115VAC Valve Coils (each)  
 Voltage: 110VAC (50/60 Hz)  
 Power Consumption: 28W  
 Wiring: Hot, Neutral, Ground

Step by step of how to wire the plug.

1. Remove the plug from the valve.
2. Remove the rubber gasket from the plug.
3. Remove the screw from the plug.
4. Separate the connector section from the body of the plug.  
 Accomplish this by looking for the slot on the bottom of the plug between the housing and the connector sections.  
 Insert a screw driver in the gap and gently pry the two pieces apart.
5. Loosen the wire input strain relief nut on the housing.
6. Feed the wires thru the strain relief.
7. Attach the wires to the terminals on the connector section.  
 Since the plug for the 115VAC valve utilizes a built-in rectifier to change the input from 115VAC to 98VDC it is required that the supplied plug be used. Additionally, it is not important whether terminal one or terminal two is connected to the hot wire and the neutral wire to the other. For the 24VDC valve it is not important whether terminal one or terminal two is connected to the (+) wire and the (-) wire to the other. There is a terminal specifically for the ground wire as depicted on the connector.
8. Gently pull the wires back thru the strain relief while guiding the connector section into the body section. Please note the orientation of the connector slots to the solenoid terminals. Position the connector section so that the wires will be in the correct orientation to the valve for your specific application. Be careful not to pinch the wires inside the plug. The connector screw must still be able to pass through the connector.
9. Fully seat the connector section in the body housing.
10. Install the connector screw.
11. Tighten the strain relief on the wires.
12. Reinstall the gasket.
13. Reinstall the plug onto the solenoid.
14. Repeat for second coil if applicable.
15. Test for proper operation.

**INSTALLATION INSTRUCTIONS**



VEKTEK, INC.  
 1334 E. SIXTH AVE. P.O. BOX 625  
 EMPORIA, KS. 66801 U.S.A.

A	1363	RELEASE	JDW	8-8-05
REV	IN ACCORDANCE WITH ECN	EFFECTIVE DATE	REVISED BY	DATE
DRW BY:	JDW	<b>DRAWING STATUS: ECN</b>		
DATE:	8-8-05	PRODUCTION APPROVED FOR RELEASED STATUS ONLY		

ASSEMBLIES AFFECTED		SHEET, INSTRUCTION	
71112254, 71112213 71115003, 71115005 71123521, 71123522 71123540, 71123541		VALVE WIRING	
SIZE	A	1S7112	REV A