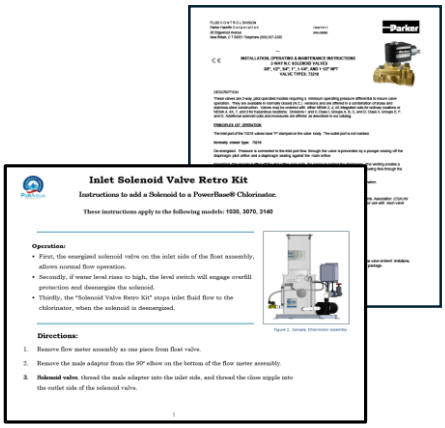
Upgrade Kits	PowerBase® 1030 Inlet Solenoid Valve Retrofit Kit: PN: 9500017, 1030 ISK	Updated 8/15/2024



Qnty	Description	Part Number
1	¾” Solenoid Valve**	VLV-PASV075B
1	(Madison) Level Switch*	ELC-M9710-13397
1	3/8" x 1/4" PVC-40, Reducer Bushing MPT X FPT*	FIT-439-052
1	1/2" x 28" Flex Electrical Tubing, Liquid Tight*	TUB-GSI-16G
1	1/2" x 31” Flex Electrical Tubing, Liquid Tight**	TUB-GSI-16G
2	1/2" Flex Connector 90°, Liquid Tight *, **	ELC-CCNY-5090-8
1	1/2" Flex Straight Connector**	ELC-CCNY-500-8
2	3/4" x 1-3/8" PVC-80, Close Nipple (Machined) MPT**	FIT-883-005M
1	Orange Wire Nut*	ELC-0762309
1	60” length section 18 Ga. Blue Wire**	ELC-18MTWSTRBLU
1	60” length section 18 Ga. White Wire**	ELC-18MTWSTRWHT
1	60” length section 18 Ga. Green Wire**	ELC-18MTWSTRGRN
1	Solenoid Manual	---
8	Wiring Diagram and Installation Instructions	---

NOTE: * * indicates Level Switch Assembly components
***** indicates Solenoid Valve Assembly components***

***** Parts are assembled before being placed in Installation Kit (Miller Valve Piping)***

SEE PHOTO ABOVE FOR ASSEMBLY ILLUSTRATION.

Place ‘Installation Kit’ sticker on box once box has been sealed.

Verified By: _____ **Date:** _____

1030 Solenoid Valve Retro Kit

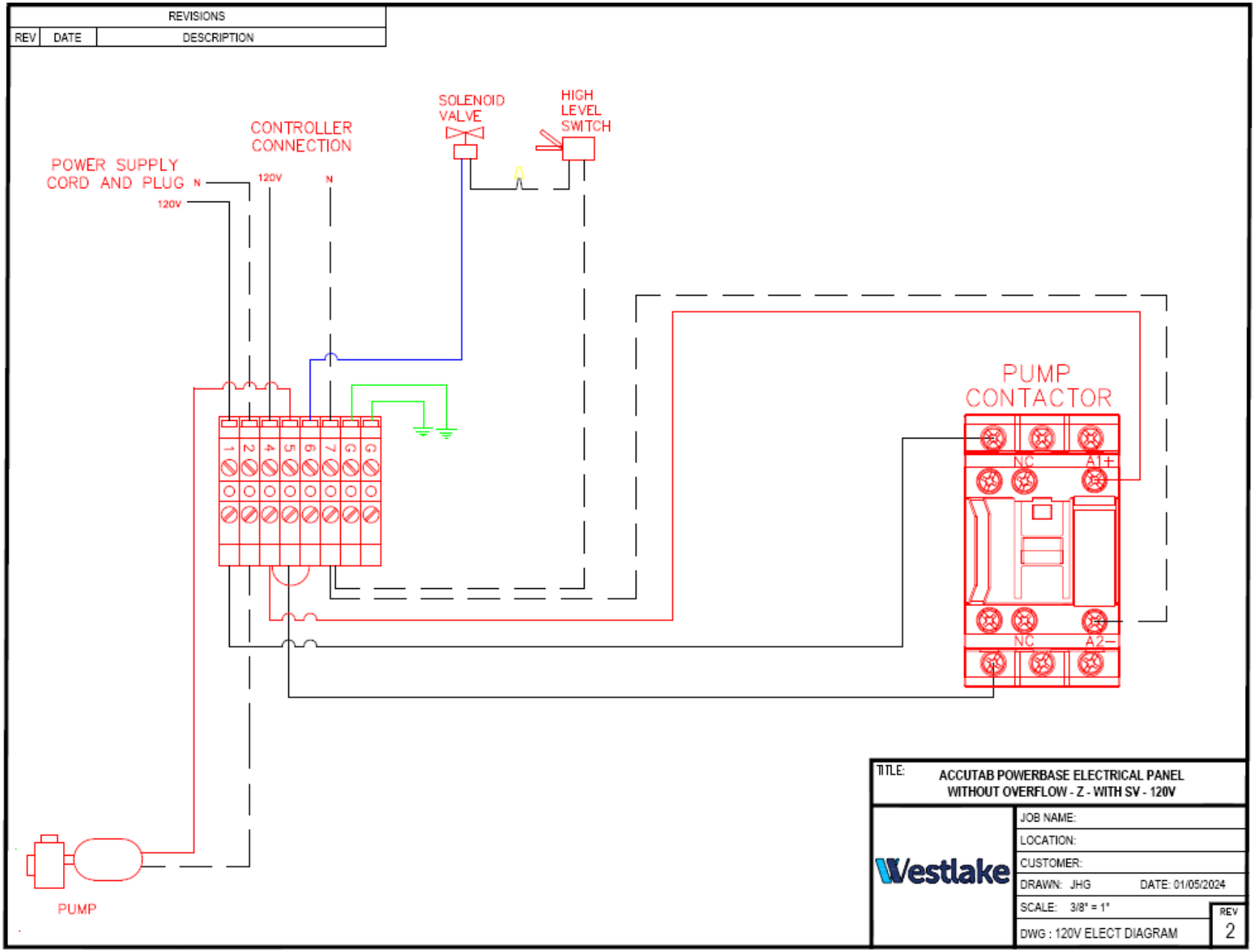
Instructions to add a Solenoid to a PowerBase® 1030 Chlorinator

This upgrade has a two-fold function. First a solenoid valve is linked to a level switch which controls water flow to the float valve providing a steady flow. Secondly, it provides a safe and absolute inlet shut off when power is removed.

Directions:

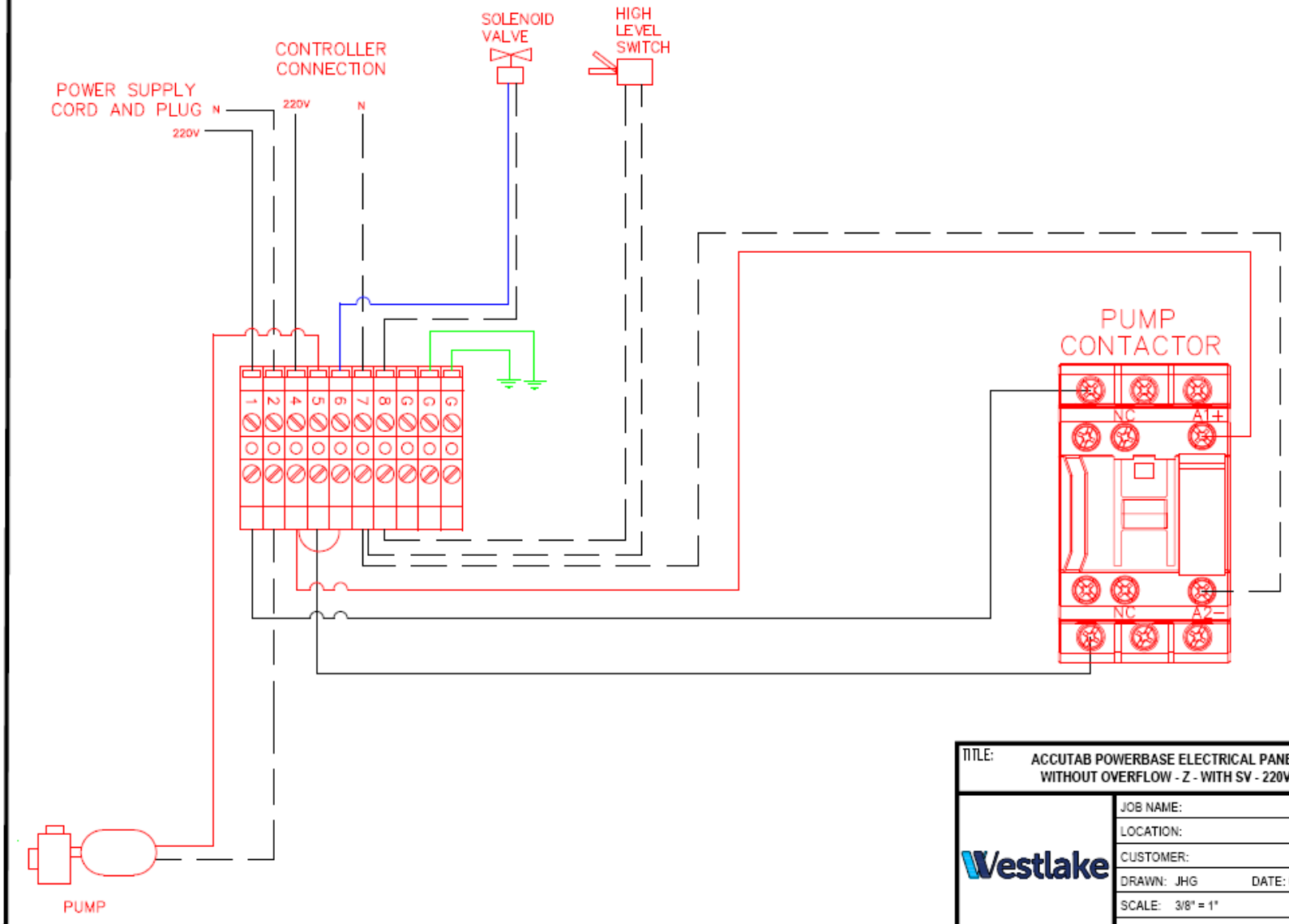
1. Remove flow meter assembly as one piece from float valve.
2. Remove the ¾" x 1" male adaptor from the 90° elbow on the bottom of the flow meter assembly.
3. **Solenoid valve:** Thread the ¾" x 1" *male adapter into the inlet side*, and thread the *close nipple into the outlet side* of the solenoid valve.
4. Attach the solenoid valve assembly to the flow meter assembly by threading the ¾" nipple (outlet side of solenoid valve assembly) into the 90° elbow on the bottom of the flow meter assembly. Verify the solenoid valve arrow is pointing to chlorinator. Attach the whole flowmeter and valve assembly back onto the float valve inlet
5. Drill and tap ½"NPT on side of solution tank approximately 2" from the top of tank. *For the radial location, check conduit length to make sure it will reach to electrical box before drilling.*
6. Install level switch making sure that the switch is in the closed position – *float floats up to open circuit.*
7. Drill two 7/8" diameter holes on side of electrical box. One on far side for the level switch and one on near side for solenoid valve.
8. Feed wires into electrical box attach connectors to box and connect wiring as shown in the drawing.

ACCUTAB POWERBASE ELETRICAL PANEL WITHOUT OVERFLOW – Z – WITH SV – 120VAC



ACCUTAB POWERBASE ELETRICAL PANEL WITHOUT OVERFLOW – Z – WITH SV – 220VAC

REVISIONS		
REV	DATE	DESCRIPTION



TITLE:	ACCUTAB POWERBASE ELECTRICAL PANEL WITHOUT OVERFLOW - Z - WITH SV - 220V	
Westlake	JOB NAME:	
	LOCATION:	
	CUSTOMER:	
	DRAWN: JHG	DATE: 05/09/2024
	SCALE: 3/8" = 1"	REV 2
	DWG : 220V ELECT DIAGRAM	