

Kit 900923 - Drain Water Tempering Kit

for Models DH2000 and MD2000

Kit Parts:

Refer to the parts list below to ensure all the parts necessary for the installation are in your kit.

Item No.	Part No.	Description	Qty.
1	100734	BOLT, HEX HD. 1/4-20 X 1/2" SST	2
2	100209	NIPPLE, 1/2" NPT X CLOSE BRASS	1
3	105994	CLAMP, HOSE, M10, 14/27 SST, GEAR-TYPE	2
4	106026	WASHER, FLAT 1/4", SST	2
5	107340	CLAMP, HOSE M28, SST, GEAR-TYPE	2
6	107417	1/2" I.D RUBBER REINFORCED, 15" LG.	1
7	107419	BARB, HOSE ST., 1/2" NPT X 1/2" HOSE, BRASS	1
8	109886	VALVE, SOLENOID, 1/2" NPT 120VAC COIL	1
9	110551	BACK-FLOW, PREVENTER, 1/2" NPT BRONZE	1
10	110834	CONDUIT, 1/2", SEALTITE BLACK 26" LG.	1
11	110836	FITTING, STRAIGHT, 1/2" SEALTITE	2
12	114662	TIMER, INFITEC 30 SECOND	1
13	114695	INSTALLATION INSTRUCTIONS	1
14	0312146	BRACKET, VALVE FWR	1
15	333280	TEE, WELDMENT, 1-3/8" X 1/2" BARB X 1-3/8"	1
16	106482	WASHER, LOCK SPLIT 1/4" SST	2
17	100003	NUT, PLAIN 1/4-20 SST	2
18	115676	SCREW, 8-32 X 1" TRUSS HD. SST	1
19	419827	JUMPER WIRE #52	1
20	419828	JUMPER WIRE #3	1
21	419829	JUMPER WIRE #2	1



WARNING:

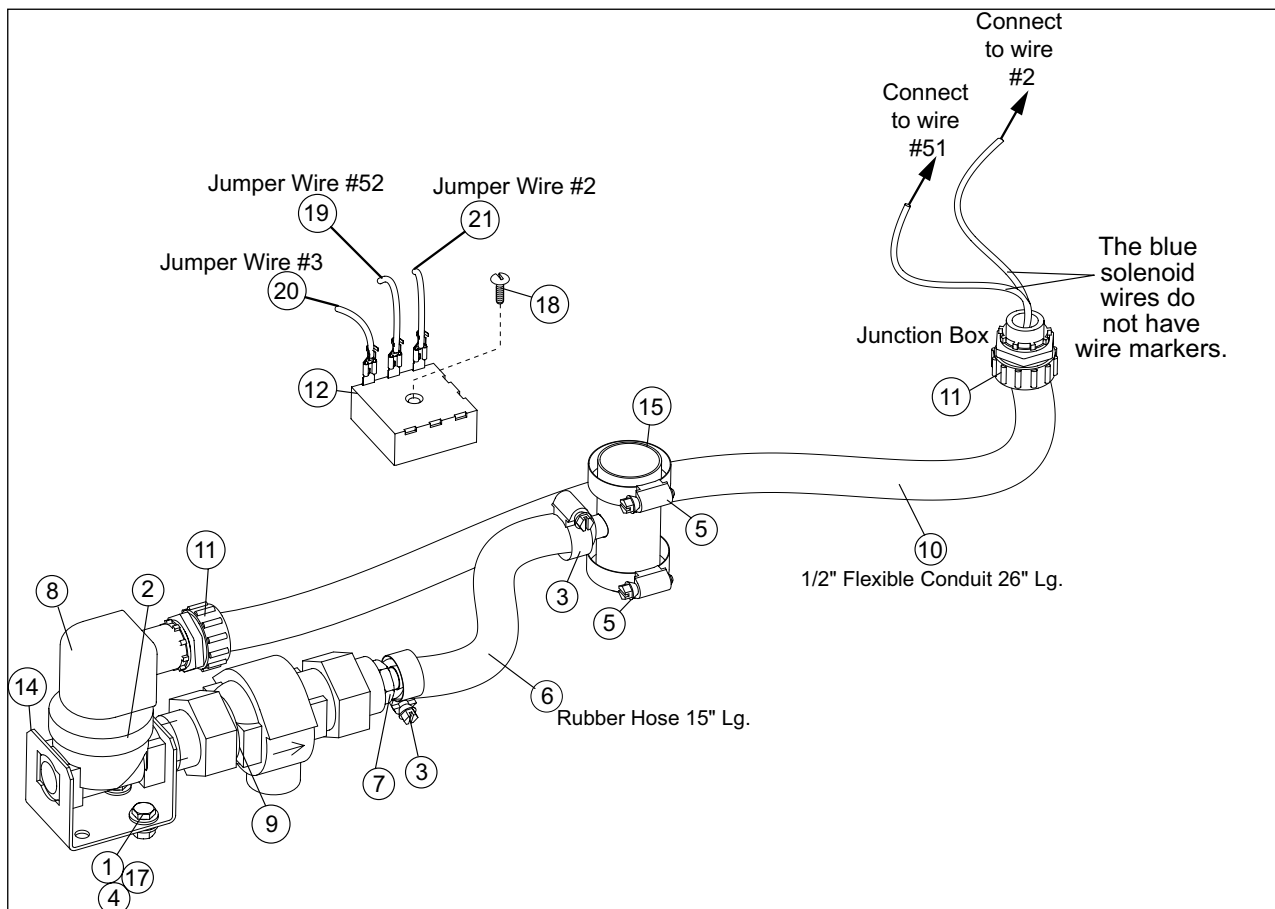
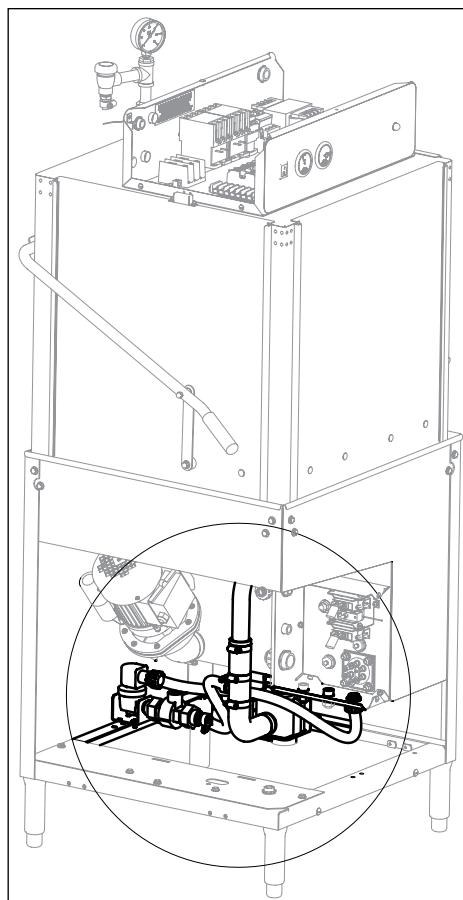
Electrocution or serious injury may result when working on an energized circuit.

Disconnect power at the main breaker or service disconnect switch before working on the circuit.

Lock-out and tag the breaker to indicate that work is being performed on the circuit.

The kit is installed on the base of the machine as shown in the illustration at right.

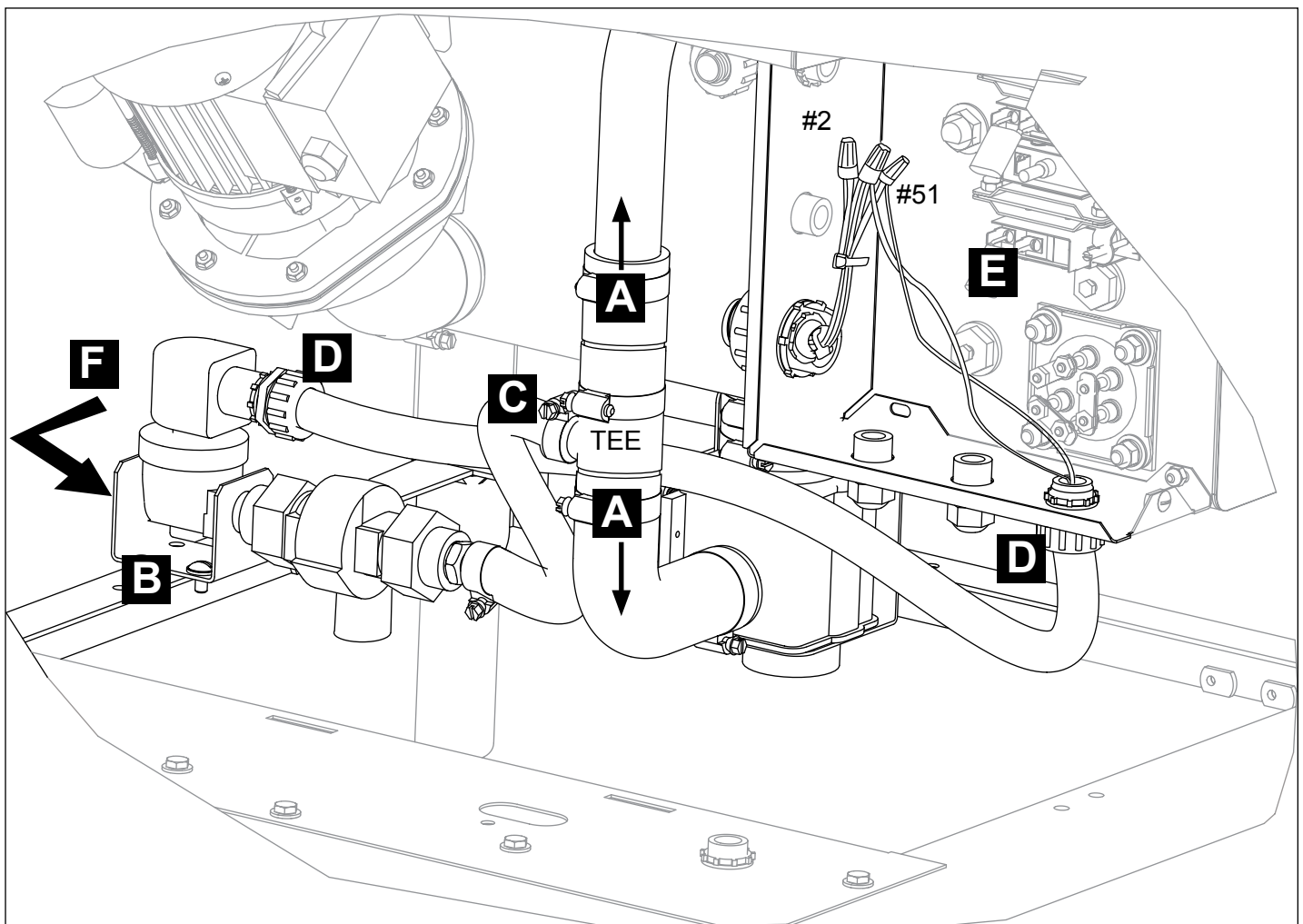
Follow the steps on pages 3-4 to install the kit.



Follow Steps 1-6 below:

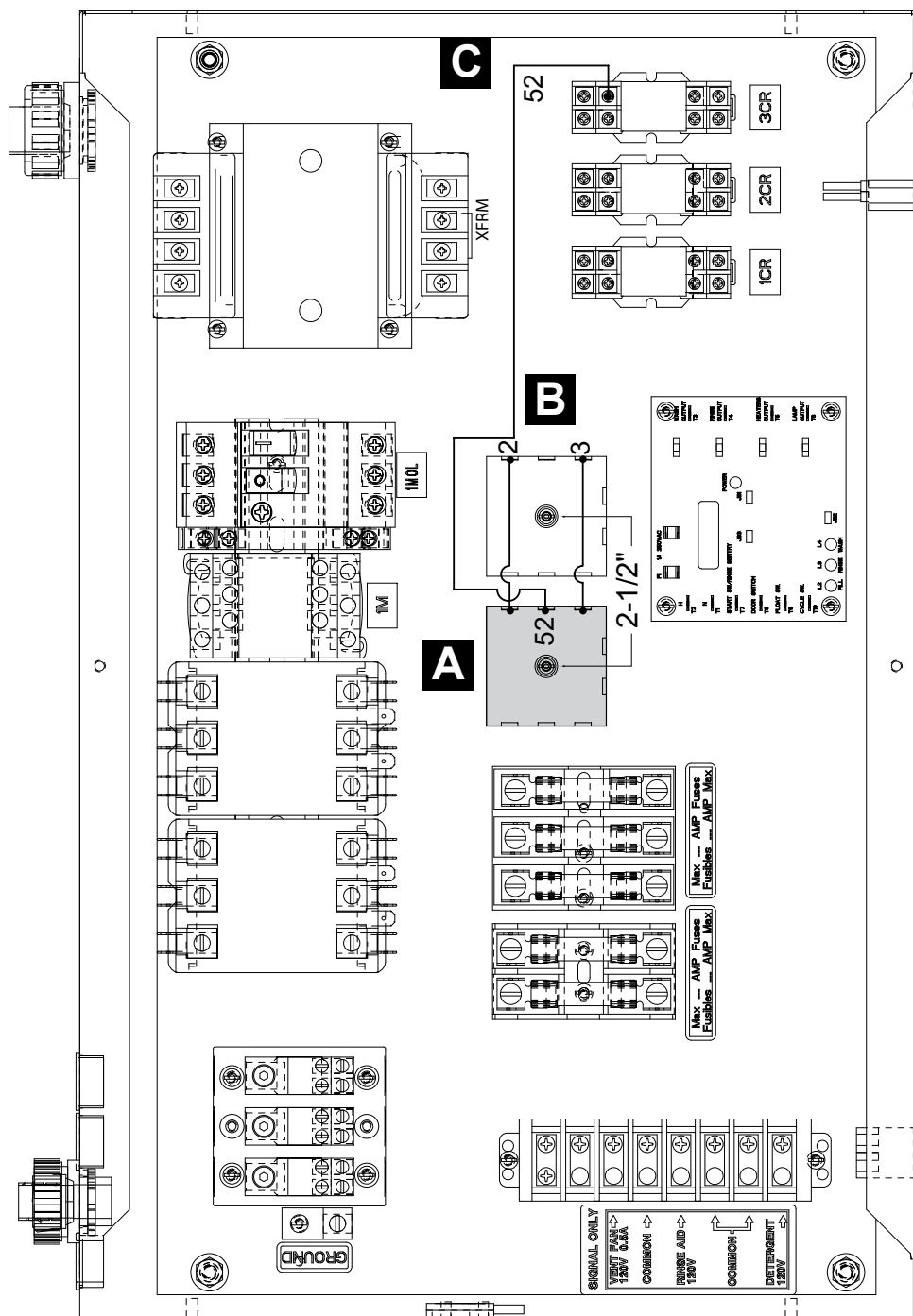
1. Remove the existing hose connected on the overflow tube. Cut this hose in half. Install the Tee fitting with the perpendicular pipe-end facing the solenoid. Slide the hoses (A) in place and tighten.
2. Install the solenoid bracket (B) to the base of the machine in the holes provided. Use 1/4-20 bolts and mounting hardware supplied in the kit.
3. Connect the 1/2" rubber hose (C) to the Tee fitting that was installed in the overflow.
4. Assemble the sealtite conduit and connectors (D). Route the blue solenoid wires through the conduit. Attach the connectors (D) to the solenoid valve and the junction box (E).
5. In the lower junction box (E), locate a #2 and a #51 wire. Connect one blue solenoid wire to the #2 wire. Connect the other blue solenoid wire to the #51 wire. Close the junction box.
6. Connect a 1/2" cold water line to the inlet of the solenoid valve (F). If the incoming water pressure exceeds 60 PSI, the installation of a pressure regulating valve (PRV) before the solenoid is recommended. Adjust the cold water pressure to 25 PSI flowing pressure. It is recommended that a 1/2" or larger shut-off valve be installed before the PRV for servicing.

(continued on the next page)





Timer installation in the top-mounted control cabinet:



***This Page
Intentionally
Left Blank***