



## TECHNICAL INFORMATION

### TI-1071

#### **INSTRUCTIONS FOR CONVERTING W75, 105, 125 and 185 WASHERS FROM WATER-OPERATED DRAIN VALVE TO MOTORIZED DRAIN VALVE.**

**WARNING:** THESE INSTRUCTIONS ARE INTENDED TO ASSIST QUALIFIED, EXPERIENCED SERVICE PERSONNEL ONLY! IMPROPER SERVICING OF MACHINERY MAY RESULT IN HAZARDOUS CONDITIONS, PERSONAL INJURY, AND LOSS OF LIFE OR PROPERTY. PERSONS NOT TRAINED, OR PERSONS UNFAMILIAR WITH WASCOMAT LAUNDRY MACHINES, SHOULD REFER SERVICING TO QUALIFIED PERSONNEL.

Purpose: In some installations, where extremely low water pressure exists, water-operated drain valve 009301 may not fully close, allowing water to leak through the valve during operation. Conversion to a motorized drain valve eliminates this problem.

Machines affected: W/FL 75, 105, 125, and 185 with water-operated drain valve.

Parts Required: 098861 Drain valve conversion kit 115 V

**OR** 098862 Drain valve conversion kit 208 V

#### **1. DISCONNECT ELECTRICAL POWER FROM THE MACHINE.**

2. Turn off the water supply and loosen the water hose fittings (at the water-supply connection end) to relieve the pressure in the hoses. Remove the top and front panels of the machine.
3. Loosen the clamps securing the hoses to the drain valve.
4. Remove the clear plastic tube connected to the base of the drain valve, by pushing in slightly on the tube and on the fitting collar, and then gently pulling the tube out.
5. Remove the rubber hoses from the drain valve fittings. Lift up slightly on the drain valve to release it from the support rod, and remove the drain valve from the washer.
6. On the inside of the top-rear panel of the washer, locate the cold-water inlet adapter, to which the drain system's plastic tubing is also connected. Remove the two screws that hold the adapter to the rear panel. Push in slightly on the adapter, and pull the valve and the adapter upwards to gain access to the tubing nipple on the side of the adapter. Remove the tubing from this nipple, as described in step 4. Unscrew the nipple from the adapter, and, using sealing tape, install, in its place, the brass plug supplied in the kit.
7. Remove the two wires connected to the drain solenoid (also located inside the top-rear panel of the machine (the solenoid has 3 plastic tubes connected to it). Remove the two screws which secure the solenoid to the panel. Remove the solenoid and any remaining clear tubing attached to it.

8. Set the new drain valve under the washer on the support rod. Using the original clamps, attach the 3 inch drain hoses from the washer to the 3 inch inlet and outlet on the new drain valve.
9. Using the original clamp, attach the hose from the soap box to the connection on the side of the new drain valve. Also connect the small hose from the level control to the small nipple on the new drain valve.
10. Secure the new drain valve to the support rod, using the large wire-tie included in the kit.
11. Plug the harness, provided in the kit, into the new drain valve connector marked "50HZ" or "60HZ" (use 60HZ in North America), as appropriate. Route the harness up the side of the washer, **making sure to keep the wires clear of moving parts.** Connect these two wires to the two wires which were disconnected from the drain solenoid in step 7. Secure all wires in place with the small wire-ties provided in the kit.
12. Install all panels and electrical covers. Apply power and turn on the water supply. Test for proper operation, and check for leaks.

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