

**SERVICE DATA SHEET**

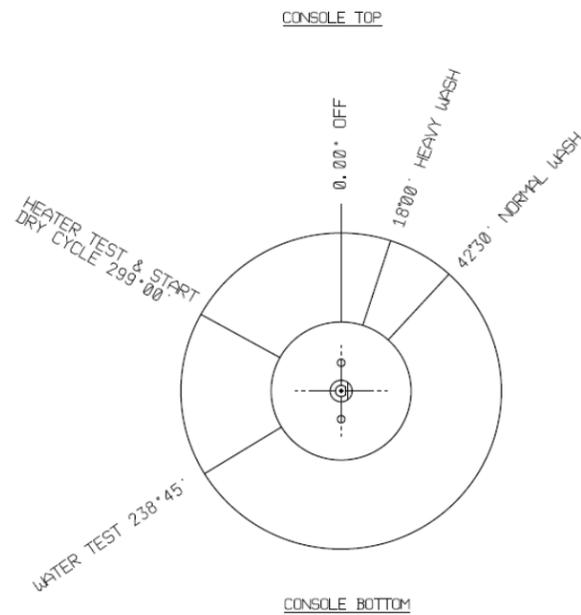
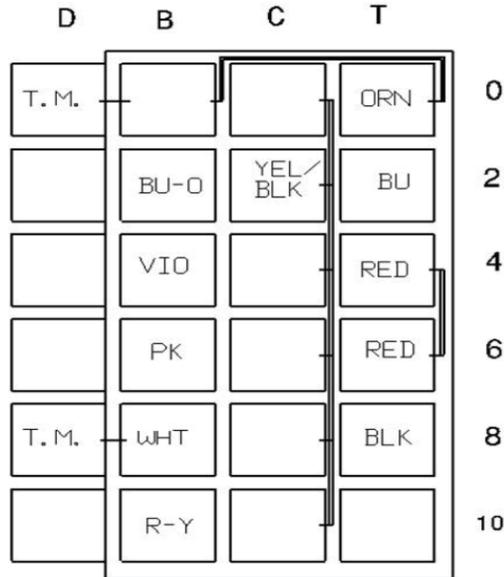
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**FRIGIDAIRE**

This information is intended for use by persons having electrical and mechanical training and a level of knowledge of these subjects generally considered acceptable in the appliance repair trade. The manufacturer or seller cannot be responsible, nor assume any liability, for injury or damage of any kind arising from the use of this Service Data Sheet.

**COLOR CODE**

BU-O.....Blue/Orange	R.....Red
R-Y.....Red/Yellow	BU.....Blue
BLK.....Black	PK.....Pink
VIO.....Violet	ORN.....Orange
WHT.....White	YEL/BLK...Yellow/Black



**COMPONENT CHECKING**

- Notes:
- 1) Always turn the timer knob clockwise. Make adjustments when the door is ajar.
  - 2) Possible overshooting of the detent and gear/cam position from previous operation can affect the duration of the first interval - small overshoots are not a problem.
- Drain Pump: To energize, turn the timer to the detent labeled Heavy Wash. Two back-to-back drain intervals provide about 2 minutes of pump out at the start of this cycle.
- Fill Valve: Turn the timer to the unlabeled detent at about the 8 o'clock (239°) position. This detent coincides with the start of the final rinse and was put there for testing of the fill valve during production. The wash segment begins with a 63 second fill.
- Float: While the fill valve is energized (see above), raising the float should result in power being removed from the fill valve causing it to close.
- Detergent Dispenser: Follow instructions for energizing the Fill Valve. Following the initial 63 second fill there is a short (9 second) pause followed by 130 seconds with both the detergent dispenser and the circulation pump energized. The detergent door can be expected to open with 40 to 90 seconds of dispenser power up time.
- Circ Pump: Turn the timer to the Normal Wash detent. Left to run the cycle will drain (62 seconds), pause (3 seconds), fill (65 seconds) and then run the circ pump for about 190 seconds. To energize the circ pump without adding water move originally to the normal wash detent and then advance the dial by 10° to reach the start of the circ pump operation. The approximate 190 seconds of pump operation will correspond to about 16° of dial rotation.
- Heater: **WARNING!** When checking that the element is giving off heat be careful not to touch the heating element inside the tub - it will burn. To check for a failed heater remove power and check the resistance between the two connections. Probes can be inserted in to the back side of the connectors. The heating element changes resistance with temperature but should always be between 12 and 21 ohms. To check that it is being energized by the timer, apply power to the unit and turn the timer to the detent labeled Drying/Plate Warmer. The detent is located at the beginning of a 130 seconds heating interval at the start of the drying portion of the cycle. It is followed by several alternating periods of pause (about 75 seconds each) and heating (ranging from 65 to 130 seconds in duration). In all, 5 heating intervals follow the detent.

**WIRING DIAGRAM**

