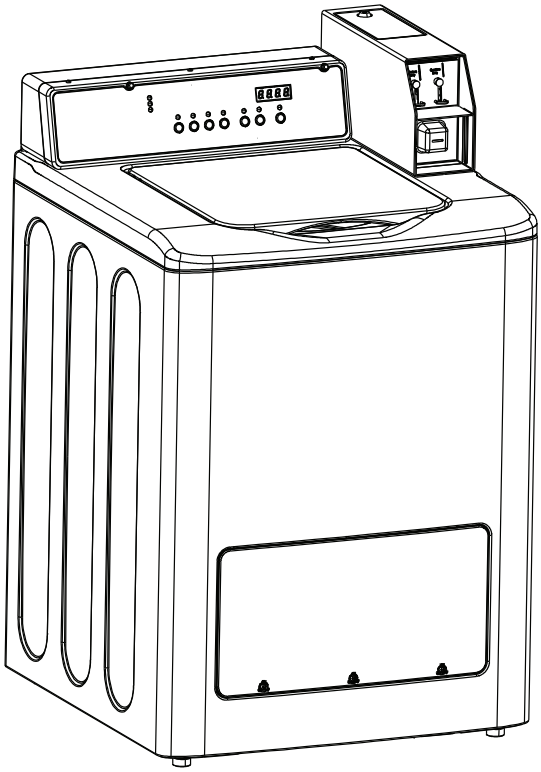
ENCORE by Laundrylux



MODEL NO. WMTW4371M

WASHER OPERATING MANUAL

DOC. NO. 098541
EDITION 09.2021

Laundrylux

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Operating Manual

WMTW4371M

WARNING: ALL OPERATING AND MAINTENANCE PROCEDURES SHOWN IN THIS MANUAL MUST BE FOLLOWED DAILY FOR PROPER OPERATION OF YOUR MACHINE.

PLEASE ENTER THE FOLLOWING INFORMATION AS IT APPEARS ON THE MACHINE(S) DATA PLATE(S).

MACHINE MODEL	
MACHINE SERIAL NUMBER(S)	
ELECTRICAL CHARACTERISTICS: 120 VOLTS, 1 PHASE, 60 HZ.	

KEEP THIS MANUAL IN A SECURE PLACE FOR FUTURE REFERENCE.

C US
221628

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SAFETY AND WARNINGS SIGNS

Replace if Missing or Illegible

One or more of these signs must be affixed on each machine as Indicated, when not included as part of the front instruction panel.

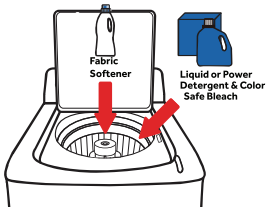
LOCATED UNDER THE LID:

Part # 0030515614

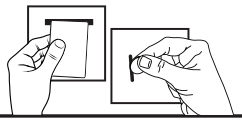
QUICK START GUIDE

1. Add Detergent/Fabric Softner

- Pour detergent into tub and softener into center cup of agitator without laundry.

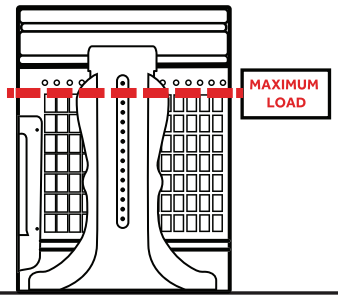


- Close lid. Select cycle and wash option(s).
- Pay and press START.



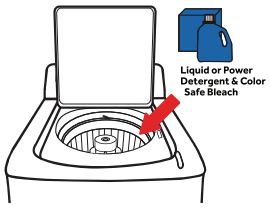
2. Add Laundry / Garments

- Allow water to fill for 30 seconds and dilute detergent before adding laundry.
- Open lid and add laundry. **DO NOT LOAD HIGHER THAN AGITATOR BLADES.**
- Close lid and press START to resume cycle.



3. Add Bleach

- After 5 minutes Bleach can be added to tub, if desired.



- Close lid and press START to finish cycle.

⚠ WARNING

FIRE HAZARD

Never place items in the washer that are dampened with gasoline or other flammable fluids.

No washer can completely remove oil. Do not dry anything that has ever had any type of oil on it, (including cooking oils). Doing so can result in death, explosion, or fire.

PERSONAL SAFETY

Do not reach into washer until all moving parts have stopped.

⚠ AVERTISSEMENT

RISQUE D'INCENDIE

Ne placez jamais d'items qui sont imbibés d'essence ou autre liquides inflammables dans la lessiveuse.Ne pas sécher les items souillés de n'importe quel sorte d'huile (incluant les huiles de cuisson), cela pourrait entraîner la mort, une explosion ou un incendie.

SÉCURITÉ PERSONNELLE

Ne pas mettre la main dans la lessiveuse avant que toutes les pièces mobiles ne soient arrêtées.

⚠ ADVERTENCIA

PELIGRO DE INCENDIO

Nunca coloque en la lavadora prendas que estén empapadas con gasolina u otros fluidos inflamables.
Ninguna lavadora puede quitar completamente el aceite.
Nunca seque nada que haya estado manchado con algún tipo de aceite (incluyendo aceites de cocina). Si hace eso, se corre riesgo de muerte, explosión o incendio.

SEGUIRDAD PERSONAL

No manipule el interior de la lavadora hasta que todas las piezas se hayan detenido.

LOCATED ON CONSOLE:
Part # 0030509823

WARNING	AVERTISSEMENT	ADVERTENCIA
Electric Shock Hazard To reduce the risk of electric shock, disconnect this appliance from the power supply before attempting any user maintenance other than cleaning the lint trap. Turning the controls to the OFF position does not disconnect this appliance from the power supply. **CAUTION:** Label all wires before disconnecting them. Wiring errors will cause the appliance to malfunction. Verify operation after servicing.	**Risques de choc électrique** Pour réduire les risques de choc électrique, déconnecter cet appareil avant de procéder à tout entretien autre que le nettoyage du filtre à charpie. Placer les commandes à la position ARRÊT ne coupe pas l'alimentation. **ATTENTION:** Étiquetez tous les câbles avant de les déconnecter. Les erreurs de filage peuvent causer un mauvais fonctionnement l'appareil. Vérifiez le fonctionnement après l'entretien.	**Peligro de Choque Eléctrico** Para reducir el riesgo de descarga eléctrica, desconecte este artefacto del suministro de energía antes de intentar realizarle cualquier mantenimiento, excepto limpiar el filtro de pelusas. Si se ubican los controles en la posición apagado, no se desconecta el artefacto del suministro de energía. **PRECAUCIÓN:** Póngale etiquetas a todos los cables antes de desconectarlos. Los errores en el cableado pueden provocar que el aparato funcione incorrectamente. Verifique el funcionamiento de luego de repararla.

LOCATED ON CONSOLE:
Part # 0180500770F

WARNING	AVERTISSEMENT	ADVERTENCIA
Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. **Service Personnel - DO NOT contact the following parts while the appliance is energized: Power PCB, Retractor Motor, Motor, Inlet Valve and Pump.**	**Certaines pièces internes sont intentionnellement non mises à la terre et peuvent présenter un risque de choc électrique uniquement lors de l'entretien.** **Personnel d'entretien – NE TOUCHEZ PAS les pièces suivantes lorsque l'appareil est sous tension : Carte de circuit imprimé d'alimentation, moteur de l'enrouleur, moteur, soupape d'admission et pompe.**	**Ciertas partes estan localizado interno y no estan aterizado a teria, esto esta hecho intencionalmente y puede presenter un riesgo de choque electrico, unicamente durante servicio.** **NO SE PONGA EN CONTACTO con las siguientes partes mientras el aparato está energizado: PCB de potencia, motor del retractor, motor, válvula de entrada y bomba de drenaje.**

LOCATED ON POWER CORD
Part # 0020506865

WARNING	ADVERTENCIA	AVERTISSEMENT
Electrical Shock Hazar d Always unplug this appliance from the power supply before attempting any service. Plug into a grounded 3 prong outlet. Failure to do so can result in death or electrical shock.	**Riesgo de descarga eléc trica** Desenchufe siempre este artefacto del suministro de energía antes de intentar repararlo. Enchufe a un tomacorriente de 3 entradas con descarga a tierra. Si no lo hace puede producirse la muerte o descarga eléctrica.	**Risque de choc élec trique** Débranchez toujours cet appareil de la source de courant avant de tenter toute maintenance. Branchez dans une prise murale à trois lames, mise à la terre. Ne pas suivre cette consigne peut conduire à la mort ou à un choc électrique.

If you need to order more safety or warning signs, call the Laundrylux Parts Department at (516) 371-2000, or call your local dealer.

IMPORTANT SAFETY INSTRUCTIONS
IMPORTANTES MESURES DE SECURITE

WARNING -

To reduce the risk of fire, electric chock, or injury to persons when using your appliance:

AVERTISSEMENT -

Pour réduire les risques d´incendie, de choc électrique ou de blessure quand, I´appareil est utilisé:

1. Read all instructions before using the appliance.
   Lire toutes les instructions avant d'utiliser l'appareil.
2. This machine must be installed according to the installation instructions.
   Ce machine doit être visseé sur le plancher selon les instructions d'installation.
3. This machine MUST be serviced and operated in compliance with manufacturer's instructions.
   IL FAUT QUE cette appareil soit entretenue et actionnée conformement aux instructions du fabriquant. CONTROLEZ LA SERRURE DE PORTE TOUS LES JOURS AFIN DE EVITER DES DOMMAGES OU DES RISQUES PERSONNELLES. SI LA SERRURE DE PORTE NE FONCTIONNE PAS, IL FAUT METTRE LA MACHINE HORS SERVICE JUSQU'Á LE PROBLEME SOIT CORRIGÉ.
4. Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry cleaning solvents, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
   Ne pas laver des articles qui ont été nettoyés ou lavés avec de l'essence, des solvants pour nettoyage à sec ou d'autres substances inflammables ou explosives, ou que l'on a fait tremper dans ces produits. Ces substances dégagent des vapeurs qui peuvent s'enflammer ou exploser.
5. Do not add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances giveoff vapours that could ignite or explode.
   Ne pas ajouter d'essence, de solvants pour nettoyage à sec ou d'autres substances inflammables ou explosives à l'eau de lavage. Ces substances dégagent des vapeurs qui peuvent s'enflammer ou exploser.
6. Under certain conditions, hydrogen gas may be produced in a hot-water system that has not been used for 2 weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot-water system has not been used for such a period, before using a washing machine, turn on all hot-water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
   De l'hydrogène peut être produit dans un système à eau chaude qui n'a pas été utilisé depuis deux semaines ou plus. L'HYDROGÈNE EST EXPLOSIF. Si le système à eau chaude n'a pas été utilisé depuis un certain temps, ouvrir tous les robinets d'eau chaude et laisser l'eau couler pendant plusieurs minutes avant d'utiliser une laveuse, l'hydrogène accu mulé, le cas échéant, s'échappera. L'hydrogène étant inflammable, ne pas fumer ou utiliser un appareil à flamme nue pendant que l'eau coule.
7. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
   Ne pas permettre aux enfants de jouer sur ou dans l'appareil. Surveiller ètriotement les enfants lorsqu'ils se trou veent près d l'appareil qui fonctionne.
8. If the machine is to be discarded, remove the lid to prevent accidental entrapment.
   Avant de mettre l'appareil hors service ou de jeter, retirer la porte.
9. Do not reach into the appliance if the tub is moving.
   Ne pas mettre la main dans l'appareil lorsque la cuve bougent.
10. Do not install or store this appliance where it will be exposed to the weather.
    Ne pas installer ou placer cet appareil dans un endroit où il sera exposé aux intempéries.
11. Do not tamper with controls.
    Ne pas trafiquer les commandes.
12. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
    Ne pas réparer ou remplacer les pièces de l'appareil ou procéder à l'entretien de celui-ci sauf si les instructions visant l'entretien et les réparations qui doivent être effectués par l'utilisateur le spécifient, si vous comprenez bien ces instructi si vous possédez les connaissances nécessaires.

NOTICE TO: OWNERS, OPERATORS AND DEALERS

IMPROPER INSTALLATION AND INADEQUATE MAINTENANCE, POOR HOUSEKEEPING AND WILLFUL NEGLECT OR BYPASSING OF SAFETY DEVICES MAY RESULT IN SERIOUS ACCIDENTS OR INJURY. TO ASSURE THE SAFETY OF CUSTOMERS AND/OR OPERATORS OF YOUR MACHINE, THE FOLLOWING MAINTENANCE CHECKS MUST BE PERFORMED ON A DAILY BASIS.

NOTICE À L'ATTENTION DES PROPRIÉTAIRES, UTILISATEURS ET REVENDEURS

UNE INSTALLATION INCORRECTE ET UN ENTRETIEN INADÉQUAT, DE MÊME QUE LA NÉGLIGENCE OU LA NEUTRALISATION DÉLIBÉRÉES DES DISPOSITIFS DE SÉCURITÉ, PEUVENT ÊTRE CAUSES DE BLESSURES OU D'ACCIDENTS SÉRIEUX. POUR ASSURER LA SÉCURITÉ DES CLIENTS ET/OU DES UTILISATEURS DE VOTRE MACHINE, IL EST INDISPENSABLE DE PROCÉDER CHAQUE JOUR AUX CONTRÔLES DE ROUTINE CI-APRÈS.

1. Prior to operation of the machine, check to make certain that all operating instructions and warning signs are affixed to the machine and legible. (See the following page of this manual for description and location of the signs.) Missing or illegible ones must be replaced immediately. Be sure you have spare signs and labels available at all times. These can be obtained from your distributor or from Laundrylux.

2. Check the lid safety interlock, as follows:

   (a) RAISE THE LID of the machine and attempt to start in the normal manner:
   For coin-operated models, insert the proper coins to start the machine.
   For card-operated models, insert the card to start the machine.

   THE MACHINE MUST NOT START

   (b) CLOSE THE LID, start the machine operation and, while it is operating, open the lid.

   THE MACHINE MUST COME TO A COMPLETE STOP

   If the machine can start with the lid raised, or can continues to operate with the lid raised, the lid interlock is no longer operating properly. The machine must be placed out of order until this condition is corrected.

3. DO NOT UNDER ANY CIRCUMSTANCES ATTEMPT TO BYPASS OR REWIRE ANY OF THE MACHINE SAFETY DEVICES AS THIS CAN RESULT IN SERIOUS ACCIDENTS.

4. Be sure to keep the machine(s) in proper working order. Follow all maintenance and safety procedures. Further information regarding machine safety, service and parts can be obtained from your dealer or from Laundrylux through its Technical Support Hotline - (516) 371-0700 or its website www.laundrylux.com.

   All requests for assistance must include the model, serial number and electrical characteristics as they appear on the machine identification plate. Insert this information in the space provided on the previous page of this manual.

5. WARNING: DO NOT OPERATE MACHINE(S) WITH SAFETY DEVICES BYPASSED, REWIRED OR INOPERATIVE! DO NOT OPEN MACHINE DOOR UNTIL DRUM HAS STOPPED ROTATING!

   AVERTISSEMENT: NE PAS FAIRE FONCTIONNER LA (LES) MACHINE(S) AVEC UN DISPOSITIF DE SÉCURITÉ NEUTRALISÉ, RECÂBLÉ OU NON OPÉRATIONNEL! NE PAS OUVRIR LA MACHINE TANT QUE LE TAMBOUR NE S'EST PAS IMMOBILISÉ!

Contents

Control Panel + Instructions For Use.....1:1
Operating Mode.....2:1
Vended Operation 3:1
Fault Codes 4:1
Service Mode 5:1
Preventive Maintenance 6:1
Wash Programs.....7:1

The manufacturer reserves the right to make changes to design, material and/or specifications without notice.

Control Panel

The display control panel allows the selection of the wash programs. As desired, options can be selected to modify the wash programs to adjust for load type and soiling.

The control panel consists of program selection buttons **(A)**, option buttons **(B)**, a start button **(C)**, a display **(D)** which shows the time remaining and the price for the selected program, and wash program status indicators **(E).**

In the event of faults, error codes will be displayed. See the “Fault Codes” section of this manual.

Explanation of the control panel:

A Program selection buttons

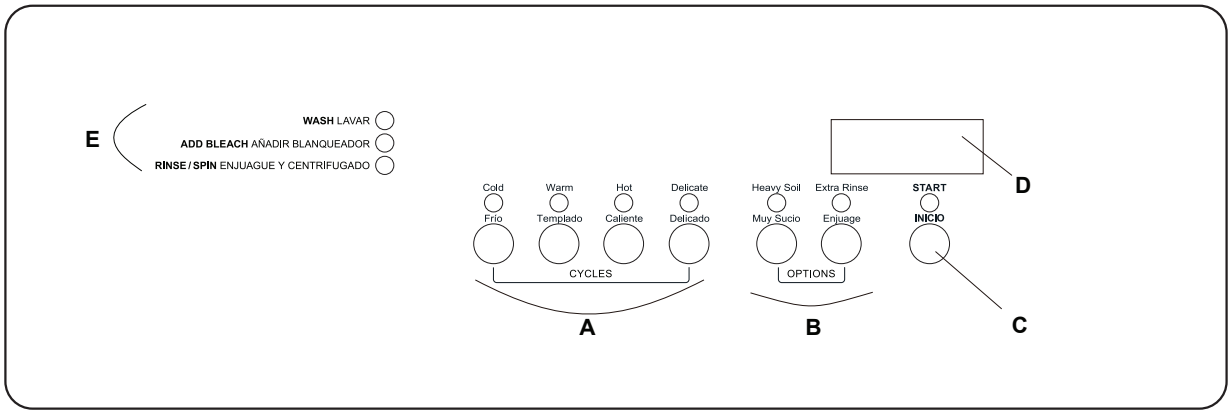
B Option buttons

C Start button

D Display indicating program time remaining and price of programs.

E Wash program status indicators.

1



Washing

Fig. 2

- Prior to loading the machine, add liquid or powder detergent and color safe bleach to tub (1) and liquid fabric softener to center cup (2).
- Close lid.

2

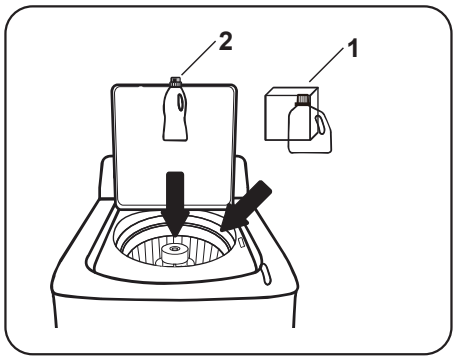


Fig. 3

- Press the button for the desired program.

3

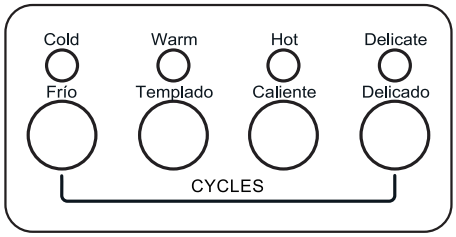


Fig. 4

- Press button(s) for desired option(s), if any.
- Pay the price indicated on the display by inserting coins, tokens, or card depending on the payment system in use. For OPL applications no price is displayed.

4

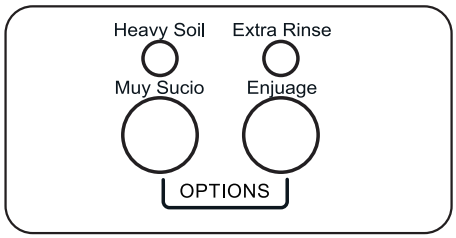


Fig. 5

- Press the Start button.
- Allow the water to fill for 30 seconds to dilute the detergent.

5

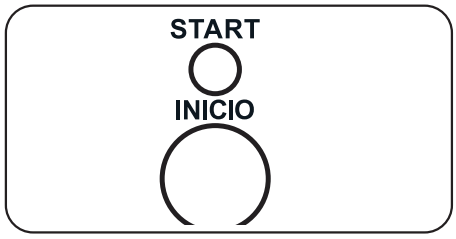
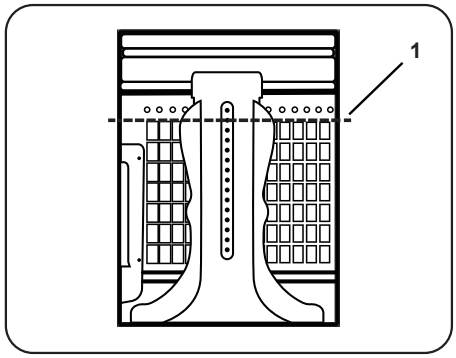


Fig. 6

- Raise lid and load garments into the machine. Do not fill past maximum load line (1).
- Close the lid and press the Start button.

6



Wash Program Description

The machine offers four standard wash programs, and two program options features. The standard basic wash programs are Cold, Warm, Hot, and Delicate. The program options are Heavy Soil and Extra Rinse. The options can be added to the standard wash programs in any combination. On coin-operated models, a different price can be charged for each program, and an incremental price can be programmed for each of the two option buttons described below.

The Cold, Warm, and Hot wash programs are comprised of three program segments. These programs begin with the Mainwash which fills to the LOW water level. The duration of the Mainwash can be adjusted using the machine's service mode. The Mainwash water temperature is cold in the COLD program, warm in the WARM program, and hot in the HOT program. Upon completion of the Mainwash the machine drains and spins for three-minutes, at which time the softener is dispensed from the softener container located in the agitator.

Following the Mainwash the machine refills to the HIGH water level for the cold water deep Rinse. The rinse is followed by a draining and the final extraction.

The Delicate program consists of a cold water Mainwash with reduced agitation and one cold water rinse.

Two optional program segments can be added to the standard programs using parameter-register settings in service mode. The first option converts all deep rinses to a reduced-water-consumption spray rinse. The second option is an extra Rinse that is inserted between the first and last Rinse and also fills to the HIGH water level. LOW and HIGH water levels can also be adjusted in service mode.

The LOW and HIGH water levels, as well as the duration of the wash segment of the standard programs, are also adjustable in the service mode parameter registers.

For OPL use, a Rinse and Spin wash program is available by pressing the EXTRA RINSE button with no wash programs selected. This optional program must be enabled during machine setup. Rinse and Spin is comprised of a rinse followed by an extraction.

Heavy Soil option button

The Heavy Soil increases the Mainwash time of the Cold, Warm, Hot Programs. Heavy Soil is not available when the Delicate Program is selected.

Fig. 1

Extra Rinse option button

The Extra Rinse option adds one additional cold water rinse to any wash program. The extra rinse repeats the second-to-last rinse.

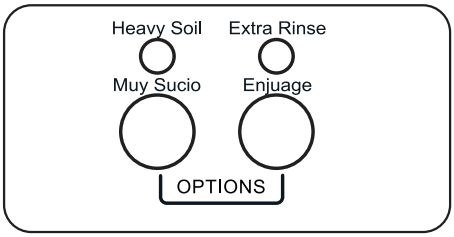
Fig. 1

Program End

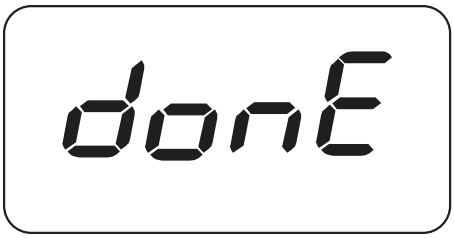
The display will show "donE" when the program ends.

Fig. 2

1



2



Pausing the wash cycle.

If power to the machine is accidentally cut and then restored, the machine will automatically resume the wash program segment at the point point of power interruption.

The selected wash cycle and/or options may be changed after the wash program has started. Press the START button to pause the program. Select the new program and/or options. Add any additional payment, if required. Press START.

The wash cycle may be temporarily paused after water has begun to accumulate in the drum to allow the addition of detergent or bleach and the wash load. Press the START button to allow the drum to come to a complete stop. Raise the lid. After adding the garments or wash chemicals, lower the lid and press START.

If an unbalance condition occurs during the final extaction and the machine is unable to automatically redistribute the garments, a “UNB” (Unbalance notification) appears in the display. The machine will remain in this state until the lid is opened. Opening the lid starts a five-minute countdown timer during which the garments in the drum can be re-distributed by the user. Pressing START before the timer reaches zero will restart the final extraction program segment. If START is NOT pressed within five minutes of raising the lid, the machine will reset to the standby state.

Operating Mode

The washer is capable of accepting payment using coins or tokens in COIN MODE or using payment cards in CARD MODE (serial). Setting the machine to COIN MODE and setting all wash program and option prices to “0.00” will allow the machine to operate for free in OPL mode.

Coin/Serial Communication Payment Mode Setting

1. In Coin configured machines unlock and remove the coin box. Press and release the Service Switch located in the rear of the coin vault to enter service mode. In non-Coin configured machines invoke full service mode via Reg 36 which must be enabled at installation. See *Service Mode* page 6:1.
2. All segments of the display will light.
3. Press the “HEAVY SOIL” and “EXTRA RINSE” buttons simultaneously. This display shows “0” if the machine is in COIN MODE or “1” if the machine is in CARD MODE.
4. Press the START button. The display flashes.
5. Press the COLD program button to change the operating mode. The left-most digit changes 0 → 1 or 1 → 0, indicating the new mode (0 = COIN=default, 1 = CARD).
6. Press the START button. The display stops flashing.
7. Press the service mode button to exit the service mode.
8. Disconnect and reconnect power.

Coin-Operated Machines

On coin-operated machines, prices for programs and options must be programmed during machine setup, and can be modified at any time using the service mode.

The machine must be set to COIN MODE (see OPERATING MODE section).

Prices can be programmed as dollars and cents or as the number of coins or tokens required to start. There are four wash programs COLD, WARM, HOT, and DELICATE and two options HEAVY SOIL and EXTRA RINSE that can be programmed to the same or different prices. The option prices are added to the base prices of the COLD, WARM, HOT, and DELICATE programs. The Heavy Soil option cannot be used when the DELICATE program is selected.

PRICE PROGRAMMING

1. To enter the service mode, unlock and remove the coin box.
2. Press and release the Service Switch located in the rear of the coin vault to enter service mode. All of the LEDs on the control panel begin to flash.
3. Press one of the six program or option buttons, for which the price is to be programmed. The current price for that selection is displayed.
4. Press the START button. The price will blink, indicating it can now be changed.
5. Use the four program-selection buttons; COLD, WARM, HOT, and DELICATE to change each of the four digits in the price. Each button increments a corresponding digit, left to right, in the price. The digits “roll over” from 9 to 0 without affecting the other digits. The left most digit cannot be set to “0”, but can be blanked out completely.
6. When the desired price is displayed, press START. The display will stop blinking indicating the new value has been saved.
7. Repeat steps 3 through 6 for each remaining wash program and option. The option buttons only make adjustments to the basic programs, and are typically set to 0.25 or 0.50, for example.
8. When all prices have been entered, press the Service Switch in the coin-vault, to exit service mode.
9. Check the newly entered prices by selecting each program without, and then with, the option selections.

Register 26 (“No Decimal in Price”) determines how prices are displayed by the machine. When set to “00” (default), prices are set and displayed with a decimal (e.g. “3.00”). When set to “01”, the decimal point is turned off, and prices are set and displayed as “number of coins or tokens” required (e.g. “12”). In either case, the value of each coin drop is stored in Register 33 “Coin Value 1” and Register 34 “Coin Value 2” and determine how much the remaining price will be reduced each time a coin is deposited. The coin-value registers can be adjusted to accommodate any currency. See instructions later in this manual to change the setting.

DISCOUNT-PRICE “PROMOTION” PROGRAMMING

The washer is capable of applying a scheduled “Promotional” percentage-discount to the vend price of a program. Up to four different discount events and percentages can be set using the washer’s built-in Real Time Clock (RTC). Alternatively, one preset discount can be turned on and off using an optionally-installed, external signal provided by a clock-driven relay or switch. This signal can activate the discount on multiple washers, simultaneously. Both options require setup via the service registers, access to which is described in the Service Mode section of this manual.

During machine setup, the promotional discount is represented by a two digit percentage (%%) and can range from 0% (no discount) to “A0” = 100% (free wash). When Promotion pricing is active, the displayed vend price equals the sum of the discounted program price rounded up to the next multiple of register “033” (Coin value 1) plus the selected option price, which are not discounted. For example, if Coin Value 1 = 0.25 and a 50% Promotion discount is applied to a COLD (1.00) wash program with a HEAVY SOIL (0.25) option selected (1.25 total), the displayed vend price would be “0.75.” ($1 x 50% + $0.25).

To use Promotion percentage discount pricing the washer must be set to “COIN MODE” operation. Promotion pricing can be used with the washer set to either Decimal or No Decimal in price, Reg 26 = “00” or “01”.

PROMOTION PRICING VIA THE REAL TIME CLOCK (RTC)

The RTC and Promotion pricing times are set and displayed in 24hr format. (e.g. 1:15 PM = 13:15). The promotion days of the week are represented by a two digit number (nn). The RTC’s built in calendar adjusts for leap years. Promotion pricing set up requires setting the RTC and up to four pairs of Promotional start and stop times and percentages.

RTC and Promotional Setup

Refer to the Service Mode section of this manual to access the registers referred to in this section.

1. Navigate to Register 70 (RTC set-up) as explained in the Service Mode section.
2. Press START, this will stop the internal clock. The year will be displayed as a four digit number (yyyy). Edit these values using the COLD, WARM, HOT, and DELICATE buttons.
3. Press START, a two day digit number “(0d)” for the day of the week will be displayed. (01=Sunday, 02=Monday, ... 07=Saturday.) Edit this value using the DELICATE button.
4. Press START, the Month and Day of the month will be displayed as two-digit numbers (mm.dd). Edit these values using the COLD, and WARM (month), and HOT, and DELICATE (day) buttons.
5. Press START, the Hour and Minutes will be displayed in 24-hr format, as two-digit numbers (hh.mm). Edit these values using the COLD and WARM (hours), and the HOT, and DELICATE (minutes) buttons.
6. Press START to save the changes and exit register 70. This will set the clock to the entered time and date, and set the seconds counter of the clock to zero. This allows synchronizing the clocks on multiple machines to a master clock such as a wall clock, wristwatch, or cell phone.

7. Navigate to Register “71” (RTC Promotion #1 START) to set the percentage discount, day of the week and start time for promotion #1.
8. Press START, a two digit day number (“0d”) for which the start day(s) of the week for promotion #1 will be displayed. (01=Sunday, 02=Monday, ...07=Saturday, 08=All days, 09=Monday-Friday only, 0A=Saturday and Sunday only, 00=promotion is inactive.) Edit this number using the DELICATE button to cycle through the allowed values.
9. Press START, the Hours and Minutes in 24 hr format for the start of Promotion #1 will be displayed (hh.mm). Edit these values using the COLD, WARM, HOT, and DELICATE buttons.
10. Press START, the promotion percentage discount will be displayed as two digits (%%).The discount can range from “00” = 0% to “A0” = 100% (Free Wash). Edit this number using the HOT and DELICATE buttons. Note, pressing the HOT button ten times will cycle the value to “A0”.
11. Press START to save the changes and exit Register “71”
12. Navigate to Register “72” (RTC Promotion #1 END”). This will allow you to set the end time for promotion #1 (hh.mm).
13. Press START, the promotion end time in hours and minutes in 24 hr format will be displayed (hh.min). Edit these values using the COLD, WARM, HOT, and DELICATE buttons.
14. Press START, this will save the changes and exit register 72. The discount set in register 71 will end at the moment the internal clock next matches the value set in register 72.
15. Program the three other Promotion times and percentages as desired using register pairs: 073 & 074 (Promotion #2), 075 & 076 (Promotion #3), and 077 & 078 (Promotion #4). Each promotion can have a different percent reduction. They must not overlap with each other.
16. Exit Service Mode.

External Discount Signal Setup

This washer can apply a price-discount using an external clock-controlled relay or manual switch. To use this feature the washer requires an optional external price reduction harness kit to be installed (Part number 096501). Refer to the product installation manual for information regarding connecting this signal to the washer to activate discounts. A programmable-timer kit (PN 096496) is also available to support this machine feature. The timer is placed in a secure location in the laundry, and programmed to automatically turn the discount feature on and off at a (variable) time each day.

External Signal and Promotional Firmware Setup

1. Navigate to Register 79 (Promotion %% for discount input signal) as explained in the Service Mode section.
2. Press START. The promotion percentage discount will be displayed as two digits (%%). The discount can range from “00” = 0% to “A0” = 100% (e.g. Free Wash). Change this value using the HOT and DELICATE buttons. Note, pressing the HOT button ten times will cycle the value to “A0”.

3. Press START to save the change, and exit register 79.
4. Exit Service Mode.

When the external signal is activated, the washer will apply the promotion percentage discount, set in register 79, to the vend price for the selected program. Reminder: add-on prices that have been set for the Heavy Soil and Extra Rinse option buttons will not be discounted.

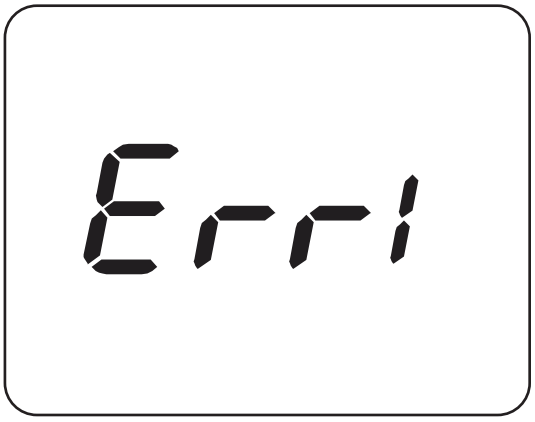
Please contact Laundrylux's Technical Support team at (516) 371-0700 if you have any questions or need assistance with price programming or implementing discount price programming.

Error Codes

Faults/errors in the program or machine are indicated by a numerical error code on the panel display.

Some error codes are cleared automatically when the Start button is pressed to restart the machine and some clear when the lid is opened.

For the other error codes, a service technician must be called.



Error Code	Cause/Action
Err1	Lid switch status mismatch. One of the lid switches indicates the lid is closed, and the other one indicates the lid is open. Check lid switch sensor and under-lid magnets.
Err2	Drain error. Water was not completely emptied in 16 minutes. Check the pump strainer for a clog.
Err5	Water level not reached within Time-out period during filling. Check water inlet screens for debris or clog. Check that the water supply is turned on.
Err8	Water Level above parameter set for safety during a wash program. Pump activates automatically. Check that the water-inlet valves turn off when the machine is idle.
Er10	Water level sensor error. The water-level sensor might require replacement. Call a qualified service technician.
Er11	Accelerometer sensor error. Call a qualified service technician.
EuAr	Communication error between display and power modules. Call a qualified service technician.
Unb	Load cannot be balanced during extraction. Raise the lid and manually and evenly redistribute the clothes in the drum. Close the lid and press Start within five minutes of opening it. If the lid is not re-closed within five minutes, the machine returns to idle mode.
Lid	Both lid switches indicate the lid is open.

Service Mode

The machine's software provides a "Service Mode" (SM) to adjust operating parameters and view usage statistics. The service mode also allows a technician to activate individual components of the machine, for troubleshooting. The software also provides a "Limited Service Mode" (LSM) that allows a technician to activate machine components, via PIN entry, without having access to the coin vault service switch. If desired on machine setup, LSM via PIN entry can be disabled or allowed to have full SM functionality without requiring access to the coin vault.

To activate Service Mode for machines with coin meters:

1. Remove the coin box.
2. Press and release the SERVICE MODE plunger switch at the rear of the coin vault. The screen will display "8888".
3. Press the START button. "SE" appears in the display.
4. Use the HEAVY SOIL & EXTRA RINSE buttons to navigate to the desired register.
5. Press START to access the register or activate the function.
6. Use HEAVY SOIL & EXTRA RINSE to change values, as appropriate. Some registers require using the COLD, WARM, and HOT, DELICATE buttons to edit settings.
7. Press START to save new values, as appropriate.
8. Press the SERVICE MODE switch to exit. SM exits automatically after 60 seconds of inactivity with all service functions off.

For Non Metered machines, the SERVICE MODE plunger switch is located behind the front console locking plate.

To activate Limited Service Mode:

1. Press and hold COLD, DELICATE, and START buttons for three seconds.
2. Use the program buttons to enter the PIN code (default is "1234").
3. Press START. The display shows "011" (the first register available in LSM).
4. Use the HEAVY SOIL & EXTRA RINSE buttons to navigate to the desired register.
5. Press START to access the register or activate the function.
6. Use HEAVY SOIL & EXTRA RINSE to change values, as appropriate.
7. Press START to save new values, as appropriate.
8. LSM exits automatically after 60 seconds of inactivity with all service functions off.

Service Mode Register Groups:

00-19 Statistics: These are non-resettable auditing counters and log registers for tracking machine usage, the four latest errors, and the four latest coinbox opening time stamps.

20-39 Wash Program Parameters: These registers are used to adjust water levels and program structure.

40-59 Activate Machine Functions: In this group, the register address appears in the first two digits of the display, and the current setting appears in the right digit ("0" = deactivated, "1" = activated). Press the START button to toggle the state.

70-79 Real Time Clock, calendar, and time-of-day discount promotion setup: These registers set up the internal clock, calendar, and promotion pricing.

STATISTICS (NON-RESETTABLE):

Statistics (00-10): Program and option counts are updated when the cycle ends. When in coin mode (decimal in price), registers 09-10 shows the value of the amount collected. When in no-decimal mode (token), 09-10 shows the number of coins collected. When both program options have been selected for a program, register 07 is incremented but not registers 05 and 06.

Error Codes (11-14): Selecting an error register displays the error code. Each successive press of the START button (>) advances the display: Year > Month.Day > Hour.Minutes > Total Program Count > Register Exit. As new errors occur, they are saved in register 11 and the older records shift up by one register location. The original contents of register 14 are discarded.

Coin Box Access (15-18): Each successive press of the START button (>) advances the display: Year > Month.Day> Hour.Minutes> Register Exit. With each opening of the coin box, the register time stamps are saved in register 15 and the older records shift up by one register location. The original contents of register 18 are discarded.

00 - Cold program counter. Range: 0000 to F999, (A=10, ... F=15 e.g. “B101” = 11,101).
01 - Warm program counter. Range: 0000 to F999.
02 - Hot program counter. Range: 0000 to F999.
03 - Delicate program counter. Range: 0000 to F999.
04 - Rinse and Spin program counter. Range 0000 to F999.
05 - Heavy soil option (only) counter. Range: 0000 to F999.
06 - Extra rinse option (only) counter. Range: 0000 to F999.
07 - Heavy Soil & Extra Rinse counter both options selected Range: 0000 to F999.
08 - Total program counter i.e. 00+01+02+03+04 . Range from 0000 to F999.
09 - Coin totalizer - first 4 digits, from 0000 to 9999.
10 - Coin totalizer - last 4 digits, from 00.00 - 99.99.
*11 - Newest error and time stamp. “011”>E ##>yyyy>mm.dd>hh.mm>(reg 8)>”010”.
*12 - 2nd latest error and time stamp.
*13 - 3rd latest error and time stamp.
*14 - Oldest error and time stamp. “014”>E ##>yyyy>mm.dd>hh.mm>(reg 8)>”010”.
15 - Coin box access 1 time stamp: (Most recent access).
16 - Coin box access 2 time stamp:
17 - Coin box access 3 time stamp:
18 - Coin box access 4 time stamp: (Oldest access).
*19 - Firmware version.

Wash Program Parameters:

20 - Low water level (wash): range 1-10 (default = 08).
21 - High water level (rinse): range 1-10 (default = 08).
22 - Deep rinse enable “00” or “01”, (00=spray; 01 = deep = default).
23 - Energy Star range “00” or “01”, 00=enabled, 01=disabled=default.
24 - Default program selection:
00= No cycle selected (display “----“). Enables RINSE&SPIN program selection.
01= COLD cycle is default (This is the factory default)
02= WARM cycle is default
03= HOT cycle is default
04= DELICATE cycle is default.6:3

Service Mode

25 - Mainwash time: from 0-999 seconds, default=”720”, i.e. twelve minutes.

26 - Decimal in price: “00”= default=decimal displayed, ”01”= no decimal (token).

27 - Silence buzzer: range “00”=default=enabled, “01” = disabled.

28 - Regret Time: The allowable time, after program start, that a user can change the wash program/options or add items to the wash. 0000-9999 seconds. “0000” = disabled, Default = 030. “9999” = unrestricted.

Press the START button, to pause cycle. If the new program/option selection has a higher vend value, the user will be prompted to insert additional payment. Upon pressing the start button with the lid closed the cycle resumes.

29 - Unbalance-refill level. Water refill-level immediately after an unblanced condition is detected by the accelerometer: range 1-10 (default = 01).

30 - Low vibration mode: “00”=enabled, “01” disabled=default.

33 - Coin value 1: “0000-9999”, default = ”0025”.

34 - Coin value 2: “0000-9999”, default = ”0100”.

35 - Limited Service Mode PIN setting: Default = “1234”. (“0000” disables LSM).

36 - Full Service Mode via PIN entry setting: Default = ’0000” (Disabled).

37 - Network address: “0000 - 9999”, “0000”= default.

38 - Auto Start Paid. When the remaining vend price changes to zero AND if the lid is closed, the selected program starts automatically: “00”=enabled, “01” disabled=default.

39 - Out of Service: Machine flashes “OFF”; “00”=enabled, “01” disabled=default.

Activate Machine Functions (lid closed):

*41 - Cold water valve (Y11).

*43 - Hot water valve (Y13).

*46 - Drain pump.

*47 - Drum clockwise, wash speed.

*48 - Drum counter-clockwise, wash speed.

*52 - Spin. (Clutch motor and drain pump also activate.)

*54 - Display test.

*55 - Buzzer test.

*56 - Detergent pump trigger signal.

*57 - Bleach pump trigger signal.

*58 - Softener pump trigger signal.

*59 - Coin meter test, each dropped coin adds 1 to displayed total. COIN accumulators unaffected.

Real Time Clock (RTC), Calendar and Time-of-day Discount Promotion.

70 - RTC set-up: 24hr format, “70”>yyyy>D>mm.dd>hh.mm>”70”. During set up, the RTC is stopped. When the “START” button is pressed to save hh.mm and exit register 70, the seconds digits of the RTC is set to “00” without affecting the hours and minutes values, and the RTC re-started. For clock setting, “D” is day of week. (1=Sunday, 7=Saturday)

71 - RTC promotion 1 START: “71”>D>hh.mm>%%>”71”

72 - RTC promotion 1 END: “72”>hh.mm>”72”

73 - RTC promotion 2 START “73”>D>hh.mm>%%>”73”

74 - RTC promotion 2 END “74”>hh.mm>”74”

75 - RTC promotion 3 START “75”>D>hh.mm>%%>”75”

76 - RTC promotion 3 END “76”>hh.mm>”76”

77 - RTC promotion 4 START “77”>D>hh.mm>%%>”77”

78 - RTC promotion 4 END “78”>hh.mm>”78”

79 - Promotion %% for discount input signal (range “00”-”A0”, default=”00”, “A0” = 100%)

Select a value identifying the day(s) “D” for which the promotion will be active, as follows:

- ► 00=promotion is inactive;
- ► 01=Sunday, 02=Monday, ...07=Saturday;
- ► 08=All days;
- ► 09=Monday-Friday only;
- ► 0A=Saturday and Sunday only;
- ► 00=promotion is inactive.

Use COLD, WARM, HOT, & DELICATE to edit “yyyy”, “mm.dd”, & “hr.min” values. Press START to advance to the next entry within the register.

Use HOT and DELICATE to edit the discount percentage “%%”. If percentage = 90-99 pressing DELICATE will set the percentage to “A0” = 100%.

Note:
* = Registers can be accessed in Limited Service Mode.

Resetting the display controller will restore all applicable firmware settings to factory default. The machine will be set to COIN MODE with all wash program and option prices = 0.00.

Preventive Maintenance

To keep your machine in proper working order, follow the preventive maintenance recommendations provided below.

The maintenance interval should be adjusted according to machine usage.

Leave the lid raised when the machine is not in use.

Daily

- Check the lid switch operation.
  - Raise the lid and try starting the machine. The machine MUST NOT START.
  - Close the lid start the machine and raise the lid. THE MACHINE MUST COME A COMPLETE STOP.
- Check that there are no indications of leaks behind or around the machine.
- Clean out any residue remaining in the softener dispenser. Clean tub ring and inspect for any fabric caught on the underside the machine.
- Use a soft wash cloth and mild detergent to clean the lid and control console.

Every Third Month (refer this service to qualified personnel)

To be carried out by qualified personnel.

- Check the drain pump strainer and remove any accumulated lint and debris.
- Inspect the interior of the machine (during an actual wash cycle to ensure that no leaks are noticed) by:
  - Turning off the main power switch of the machine.
  - Remove the service panel from the front of the machine.
- Inspect all internal hoses, seals and gaskets for signs of leakage. Repair as necessary.
  - Start a wash program.
  - KEEP CLEAR OF MOVING PARTS WHILE MACHINE IS OPERATING!!
  - Stop the machine and disconnect the power. Turn off the water supply and check that the water inlet screens are clear of debris. Dirty screens result in longer fill times, reducing productivity.
  - Inspect the drive belt. Adjust the tension or replace as necessary.
  - Check that there are no signs of leakage on the floor beneath the machine. Locate and repair any leak.

Contact your local dealer, or Laundrylux Technical Support at (516) 371-0700 if you have questions regarding installation, operation, or maintenance of your machine.

COLD

	Agitation after fill			
	COLD			
PROGRAM	NO OPTION	HEAVY SOIL	EXTRA RINSE	HEAVY SOIL EXTRA RINSE
Mainwash	12 min C high	18 min C high	12 min C high	18 min C high
Balance Wash	1 min	1 min	1 min	1 min
Drain	Y	Y	Y	Y
Spin	200 sec	200 sec	200 sec	200 sec
SprayRinse1 Reg 22 =0	5.5 min C	5.5 min C	5.5 min C	5.5 min C
SprayRinse2 Reg 22 =0	---	---	5.5 min C	5.5 min C
DeepRinse1 Reg 22 =1	---	---	2 min C low	2 min C low
Drain	---	---	Y	Y
Spin	---	---	200 sec	200 sec
Final Rinse Reg 22 =1	2 min low	2 min low	2 min low	2 min low
Drain	Y	Y	Y	Y
Spin	10 min	10 min	10 min	10 min

NOTES:

--- = Not Available

Segment times DO NOT include time required for filling

C = COLD valve open

H = HOT valve open

CH = COLD and HOT valves open

No agitation during fill or drain

Open lid: agitation, filling, and draining stop and cycle time progresses.

SPRAY RINSES Enabled via register 22

WARM

	Agitation after fill			
	WARM			
PROGRAM	NO OPTION	HEAVY SOIL	EXTRA RINSE	HEAVY SOIL EXTRA RINSE
Mainwash	12 min CH high	18 min CH high	12 min CH high	18 min CH high
Balance Wash	1 min	1 min	1 min	1 min
Drain	Y	Y	Y	Y
Spin	200 sec	200 sec	200 sec	200 sec
SprayRinse1 Reg 22 =0	5.5 min C	5.5 min C	5.5 min C	5.5 min C
SprayRinse2 Reg 22 =0	---	---	5.5 min C	5.5 min C
DeepRinse1 Reg 22 =1	---	---	2 min C low	2 min C low
Drain	---	---	Y	Y
Spin	---	---	200 sec	200 sec
Final Rinse Reg 22 =1	2 min low	2 min low	2 min low	2 min low
Drain	Y	Y	Y	Y
Spin	10 min	10 min	10 min	10 min

NOTES:

--- = Not Available

Segment times DO NOT include time required for filling

C = COLD valve open

H = HOT valve open

CH = COLD and HOT valves open

No agitation during fill or drain

Open lid: agitation, filling, and draining stop and cycle time progresses.

SPRAY RINSES Enabled via register 22. Drain pump on during SprayRinse

HOT

	Agitation after fill			
	HOT			
PROGRAM	NO OPTION	HEAVY SOIL	EXTRA RINSE	HEAVY SOIL EXTRA RINSE
Mainwash	12 min H high	18 min H high	12 min H high	18 min H high
Balance Wash	1 min	1 min	1 min	1 min
Drain	Y	Y	Y	Y
Spin	200 sec	200 sec	200 sec	200 sec
SprayRinse1 Reg 22 =0	5.5 min C	5.5 min C	5.5 min C	5.5 min C
SprayRinse2 Reg 22 =0	---	---	5.5 min C	5.5 min C
DeepRinse1 Reg 22 =1	---	---	2 min C low	2 min C low
Drain	---	---	Y	Y
Spin	---	---	200 sec	200 sec
Final Rinse Reg 22 =1	2 min low	2 min low	2 min low	2 min low
Drain	Y	Y	Y	Y
Spin	10 min	10 min	10 min	10 min

NOTES:

--- = Not Available

Segment times DO NOT include time required for filling

C = COLD valve open

H = HOT valve open

CH = COLD and HOT valves open

No agitation during fill or drain

Open lid: agitation, filling, and draining stop and cycle time progresses.

SPRAY RINSES Enabled via register 22. Drain pump on during SprayRinse

DELICATE

	60% duty cycle agitation after fill			
	DELICATE			
PROGRAM	NO OPTION	HEAVY SOIL	EXTRA RINSE	HEAVY SOIL EXTRA RINSE
Mainwash	8 min C high	---	8 min C high	---
Balance Wash	1 min	---	1 min	---
Drain	Y	---	Y	---
Spin	200 sec	---	200 sec	---
SprayRinse1 Reg 22 =0	5.5 min C	---	5.5 min C	---
SprayRinse2 Reg 22 =0	---	---	5.5 min C	---
DeepRinse1 Reg 22 =1	---	---	2 min C	---
Drain	---	---	Y	---
Spin	---	---	200 sec	---
Final Rinse Reg 22 =1	2 min C low	---	2 min C low	---
Drain	Y	---	Y	---
Spin	7 min	---	7 min	---

NOTES:

--- = Not Available

Segment times DO NOT include time required for filling

C = COLD valve open

H = HOT valve open

CH = COLD and HOT valves open

No agitation during fill or drain

Open lid: agitation, filling, and draining stop and cycle time progresses.

SPRAY RINSES Enabled via register 22. Drain pump on during SprayRinse

RINSE&SPIN

	Agitation after fill			
	DELICATE			
PROGRAM	NO OPTION	HEAVY SOIL	EXTRA RINSE	HEAVY SOIL EXTRA RINSE
Mainwash	---	---	---	---
Balance Wash	---	---	---	---
Drain	---	---	---	---
Spin	---	---	---	---
SprayRinse1 Reg 22 =0	---	---	---	---
SprayRinse2 Reg 22 =0	---	---	---	---
DeepRinse1 Reg 22 =1	---	---	---	---
Drain	---	---	---	---
Spin	---	---	---	---
Final Rinse Reg 22 =1	---	---	2 min C low	---
Drain	---	---	Y	---
Spin	---	---	10 min	---

NOTES:

Segment times DO NOT include time required for filling

--- = Not Available

C = COLD valve open

H = HOT valve open

CH = COLD and HOT valves open

No agitation during fill or drain

Open lid: agitation, filling, and draining stop and cycle time progresses.

Rinse&Spin Enabled via register 24 = 0, select EXTRA RINSE, Press START

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