



# INSTALLATION & OPERATING INSTRUCTIONS

## WASHER / DRYER COMBO VENTLESS MODEL WDCVL(XX)

This product is designed solely for use in recreational vehicles or other mobile equipment.



Read these instructions carefully. These instructions **MUST** stay with this product.

**REVISION E**  
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# INTRODUCTION

These instructions apply to the washer/dryer combo (hereinafter referred to as the “appliance”). The appliance is designed and intended for installation and use in a recreational vehicle or other mobile applications.

These instructions will ensure a properly installed and properly functioning appliance.

Dometic Corporation reserves the right to modify appliance appearances and specifications without notice.

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# DOCUMENT SYMBOLS

 Indicates additional information that is not related to physical injury.

 Indicates step-by-step instructions.

# IMPORTANT SAFETY INSTRUCTIONS

This manual has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

## A. Recognize Safety Information



This is the safety alert symbol. It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

## B. Understand Signal Words

A signal word will identify safety messages and property damage messages, and will indicate the degree or level of hazard seriousness.

**⚠ WARNING** indicates a hazardous situation that, if **NOT** avoided, could result in death or serious injury.

**⚠ CAUTION** indicates a hazardous situation that, if **NOT** avoided, could result in minor or moderate injury.

**NOTICE** is used to address practices **NOT** related to physical injury.

This manual has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

## C. State of California Proposition 65 Warnings

**⚠ WARNING** The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of California to publish a list of substances known to the State of California to cause cancer, birth defects, or other reproductive harm, and requires business to warn of potential exposure to such substances.

This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. This appliance can cause low-level exposure to some of the substances listed, including benzene, formaldehyde, and carbon monoxide.

## D. General Safety Messages

**⚠ WARNING** Failure to obey the following instructions could result in death or serious injury due to electrical shock, fire, or explosion.

This appliance **MUST** be installed and serviced by a qualified service technician.

Read and understand these instructions before installing, using, servicing, or performing maintenance on this appliance.

The safety precautions provided in this manual cannot cover all possible conditions that may occur. Common sense and caution **MUST** be exercised when installing, maintaining, and operating this appliance.

The installation **MUST** comply with all applicable local and national codes including the latest editions of the following standards:

### U.S.A.

- ANSI/NFPA70, National Electric Code (NEC)
- ANSI/NFPA1192, Recreational Vehicles Code

### Canada

- CSA C22.1, Parts I & II, Canadian Electrical Code
- CSA Z240 RV Series, Recreational Vehicles

## E. Electric and Installation Precautions

**⚠ WARNING** Failure to obey the following instructions could result in death or serious injury due to electrical shock, fire, or explosion.

- This appliance weighs 175 lbs (79 kg). Do **NOT** attempt to move or reposition this appliance unless you are fully capable of doing so without injury.
- The appliance should **NOT** be installed in any room with above-average humidity. It **MUST NOT** be stored in any room with explosive or caustic gases.
- Ensure that the water and electrical hookup(s) is/are connected by a qualified technician in accordance with the manufacturer's instructions (refer to the "Installation Instructions" on pages 6-9) and local safety regulations.
- Do **NOT** modify the power cord provided with the appliance for any reason. Have a proper outlet installed by a qualified electrician.
- Route and secure the power cord to protect it from damage. Do **NOT** use extension cords.
- This is a 120V/60Hz appliance. Make sure the cord is connected to a 120V/60Hz power source.
- Ensure this appliance is only used on a dedicated 120V electrical circuit that has 15 amps of overcurrent protection. Use time-delay fuses with this appliance when it is connected to a circuit protected by fuses.

# IMPORTANT SAFETY INSTRUCTIONS

- This appliance **MUST** be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electrical shock by providing a path of least resistance for the electric current. This appliance is equipped with a cord that has an equipment-grounding conductor and a grounding plug. The plug **MUST** be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local and national codes and ordinances.
- This appliance is for indoor use only.
- Packing materials may cause suffocation. Keep all packing materials away from children.
- All packaging and transportation bolts **MUST** be removed, otherwise serious damage may occur while washing or drying clothes.

**NOTICE** Risk of corrosion or freeze damage.

- Do **NOT** install or store this appliance where it will be exposed to temperatures below 32°F (0°C) or moisture.

## F. Operation Precautions

**⚠ WARNING** Failure to obey the following instructions could result in death or serious injury due to electrical shock, fire, explosion, suffocation, poisoning, or allergic reaction.

- Read and understand this entire manual before using the appliance.
- Contact your local distributor, service agent, or the manufacturer if you have any questions about the proper operation and service of the appliance
- This appliance is intended for RV use only.
- This appliance is **NOT** intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, unless the user is operating the appliance under the supervision of a legal parent or guardian capable of safely operating the appliance. When children become mature enough to operate the appliance, it is the legal responsibility of the parent or guardian to ensure that they are instructed in and capable of the safe use of the appliance.
- Do **NOT** use any toxic solvents, such as alcohol, as a detergent. **Only approved detergent pods or select HE liquid detergents suitable for front-loading washing machines should be used.**
- Do **NOT** launder fabrics that have been cleaned, washed, soaked, or spotted with gasoline, dry cleaning solvents, or any other flammable or explosive substances as they give off vapors that could ignite or explode.

- Do **NOT** add gasoline, dry cleaning solvents, or any other flammable or explosive substances to the appliance as they give off vapors that could ignite or explode.
- Do **NOT** place any item with traces of any flammable substance, such as vegetable oil, cooking oil, or any other petroleum-based oil or distillate into the appliance. Even after laundering, these substances may smoke or ignite.
- Under certain conditions, hydrogen gas may be produced in a hot-water system that has **NOT** been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot-water system has **NOT** been used for two weeks, open all hot-water faucets and allow water to flow for several minutes before using the appliance. This will release any accumulated hydrogen gas. The gas is flammable. Do **NOT** smoke or use an open flame during this time.
- Do **NOT** allow children to play on, in, or with the appliance. Close supervision of children is necessary when the appliance is in use.
- Children or pets may climb into the appliance between uses. Check the appliance before each use.
- Do **NOT** operate the laundering machine if any guards, panels and/or fasteners, except transport bolts, have been removed.
- Do **NOT** operate the appliance if any parts are missing or broken.

**⚠ CAUTION** Failure to obey the following instructions could result in personal injury.

- Be careful of scalding water or steam when the appliance drains hot wash water.
- Ensure that the water inside the drum has drained before opening the door. Do **NOT** open the door if there is any water visible.
- The glass door may become very hot during operation.
- Caution should be used when opening the appliance door after the drying cycle.
- **ALWAYS** turn the appliance off before opening the door. Do **NOT** reach into the appliance if the tub is in motion.
- Do **NOT** place any fiberglass materials, such as curtains or window coverings that may use fiberglass, in the appliance. Small particles may remain and stick to fabrics in subsequent washes causing skin irritation.

# IMPORTANT SAFETY INSTRUCTIONS

**NOTICE** Failure to obey the following instructions could result in premature wear, water damage, or other damage to the appliance or its surroundings.

- Before operating this appliance, all packing materials and transport bolts **MUST** be removed. Otherwise, the appliance may be seriously damaged during attempted use (refer to page 7 "Remove Transport Bolts").
- Prior to initial use, run the appliance through the cotton and hot water modes without any articles of fabric inside. This is required to flush out any debris that may be in the hoses or drum.
- Only fabrics suitable for machine laundering and/or drying should be placed in the appliance.
- Do **NOT** dry anything containing foam rubber or similarly textured rubber-like materials.
- Do **NOT** wash carpets.
- Any sharp or metal objects such as coins, nails, screws, pebbles, jewelry, hair broaches, or curlers may cause appliance or fabric damage if put into the appliance.
- Ensure all pockets on clothing are emptied before laundering.
- Do **NOT** use fabric softener sheets in the appliance. Use liquid fabric softeners only.
- Disconnect the power and shut off the water supply when the appliance will **NOT** be in use.
- **NEVER** refill the water by hand during laundering.
- **ALWAYS** empty the machine when the cycle has completed.
- **ALWAYS** follow the fabric care instructions recommended by the fabric manufacturer.
- Do **NOT** use standard powdered detergents with the appliance. Use caution and limit the quantity of bleach and other stain removers when pretreating stained fabric.
- Do **NOT** use the controls in a manner inconsistent with the instructions in this manual.
- Check the fill hose connection on a regular basis to ensure there is no leakage.
- Do **NOT** climb, lean, or sit on the appliance.
- Do **NOT** close the door with excessive force. If it is difficult to close the door, ensure that the load is evenly distributed and does **NOT** exceed the appliance's capacity (see page 11).

## G. Maintenance, Service, and Disposal Precautions

**⚠ WARNING** Failure to obey the following instructions could result in death or serious injury due to electrical shock, fire, or suffocation.

- **ALWAYS** unplug the appliance before performing any maintenance. Disconnect the power by grasping the plug, **NOT** the cord.
- **NEVER** disconnect the power cord with wet hands.
- This appliance **MUST** be repaired by an authorized service center using only authentic accessories and service parts, unless specifically recommended in the user maintenance instructions or in published user repair instructions that you understand and have the skill to implement.
- Do **NOT** attempt to repair or replace any part of the appliance unless specifically recommended in the user maintenance instructions or in published user repair instructions that you understand and have the skill to implement.
- If the power cord is damaged, have it replaced by a qualified service professional.

**NOTICE** Failure to obey the following instructions could result in structural damage to the appliance or water damage to its surroundings.

- The interior of the appliance should be cleaned periodically by a qualified service professional.
- The transport bolts **MUST** be reinstalled by a qualified technician prior to moving the appliance.
- The accumulated water should be drained from the appliance prior to moving or servicing the appliance.
- Handle the appliance carefully. **NEVER** grasp a protruding part while lifting the appliance. The appliance door cannot be used as a handle during transport.
- If you decide to dispose your appliance, please observe local waste disposal regulations. Cut off the power cord so that the appliance cannot be connected to a power source. Remove the door so that animals and small children cannot get trapped inside the appliance.

# INSTALLATION REQUIREMENTS

**⚠ WARNING** Risk of serious injury or death due to electrical shock.

The appliance **MUST** be properly grounded. Grounding reduces the risk of electrical shock if the appliance housing becomes energized.

**⚠ WARNING** Risk of serious injury or death due to fire.

The appliance **MUST** be connected to a dedicated 15 amp circuit separate from other electrical appliances. The overcurrent protection **MUST** be rated at 15 amps.

**NOTICE** The life of the appliance may be significantly shortened if operated on an incline.

The maximum incline angle upon which the appliance rests **MUST** be no more than two degrees.

## A. Tools and Parts

Gather the required tools and parts before attempting installation. The parts included with the appliance are in the drum. Other items required for installation are the responsibility of the installer.

- Items included:
  - (2) Water hoses
  - (3) Brackets
  - (4) Transport bolts
  - (1) Template
- Items **NOT** included:
  - 1/4" nut driver
  - 3/8" open end wrench
  - 7/16" socket with ratchet
  - 3/8" socket with ratchet
  - Adjustable 9/16" open-end wrench
  - Channel-lock adjustable pliers
  - Carpenter's level
  - Flexible screw driver extension
  - Cable tie
  - Screws
  - Siphon break (if required)

## B. Location Requirements

Selecting the proper location for your appliance improves performance, minimizes noise and possible appliance movement. Your appliance can be installed under a custom counter, closet, or recessed area. See "Drain System Options" (Page 8). Proper installation is the qualified installer's responsibility.

- Required Items:
  - A water heater set to deliver 120°F (49°C) water to the appliance.
  - A grounded electrical outlet located within 3 ft. (1 m) of where the power cord is attached to the back of the appliance. See "Electrical Requirements".
  - Hot and cold water faucets located within 3 ft. (1 m) of the hot and cold water fill valves, and water pressure of 7.3–145 psi (0.05MPa–1MPa).
  - A level floor with a maximum slope of 2° (2.5 cm) under the entire appliance.
  - A sturdy and solid floor to support the appliance's total weight (water and load) of 200 lbs. Installing the appliance on soft floor surfaces, such as carpets or surfaces with foam backing, is **NOT** recommended.
  - Do **NOT** operate or store your appliance in temperatures below 32°F (0°C). Some water can remain in the appliance and cause damage in low temperatures.

## C. Installation Clearances

- The location **MUST** be large enough to allow the appliance door to be fully opened.
- Additional spacing should be considered for ease of installation and servicing. The door opens more than 90°, and it is **NOT** reversible (Fig. 1).
- Additional clearances might be required for wall, door, and floor moldings.
- Spacing of 1 inch (2.5 cm) on all sides of the appliance is required (Fig. 2).

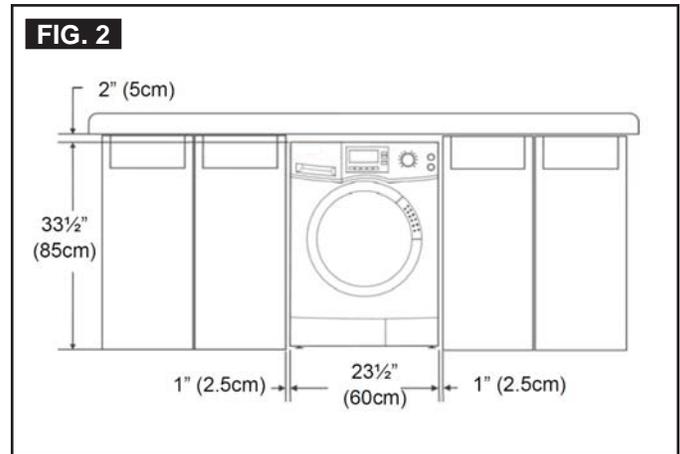
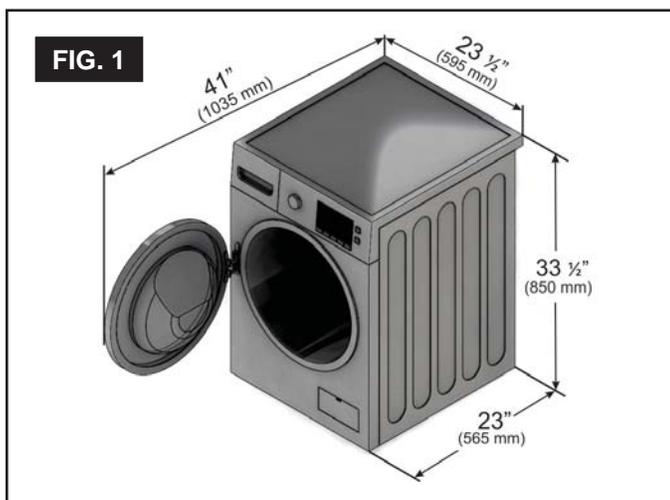
# INSTALLATION REQUIREMENTS

## D. Electrical Requirements

**⚠ WARNING** Risk of serious injury or death due to electrical shock, fire, or explosion if the following instructions are **NOT** followed.

- A 120V/60Hz, AC only, 15 or 20 amp fused electrical supply is required. A time-delay fuse or a circuit breaker serving only this appliance **MUST** be provided.
- This appliance is equipped with a power supply cord that has a 3-prong grounding plug. Do **NOT** remove the ground plug.
- Do **NOT** use an adapter.
- Do **NOT** use an extension cord.
- To minimize possible shock hazard, the power cord **MUST** be plugged into a 3-prong, grounding type outlet that is grounded in accordance with local codes and ordinances. If a 3-prong outlet is **NOT** available, it is the responsibility and obligation of the user to have the properly grounded outlet installed by a qualified electrician.
- If local codes permit the use of a separate ground wire, it is necessary that a qualified electrician determine that the ground path is adequate.
- DO **NOT** ground the appliance to a gas hose.
- Consult a qualified electrician if you are unsure whether the appliance is properly grounded.
- DO **NOT** use a fuse in the neutral or ground circuit.

## E. Appliance Dimensions



The dimensions shown are for minimal spacing using a custom under-counter installation.

## F. Unpacking the Appliance

- After unpacking, check the appliance for any damage that may have occurred during transport.
- Instructions for unpacking the appliance from the carton are located on the top of the transport carton.
- Ensure that all included items are undamaged. If any part of the appliance incurred damage during transport, file a damage claim with the shipping company.

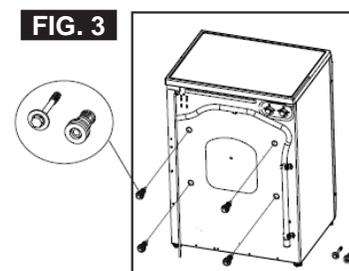
## G. Packing Material Disposal

**⚠ WARNING** Risk of serious injury or death due to suffocation. The packing materials of this machine may be dangerous to children. Please dispose of them properly, and keep out of reach of children.

- Do **NOT** throw the packing materials away with the other daily trash. Dispose of these materials according to the relevant local regulations.

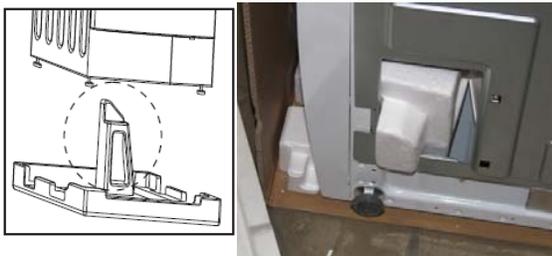
## H. Remove Transport Bolts

**i** Before using this appliance, transport bolts **MUST** be removed from the backside of this machine. Complete the following steps to remove the bolts:



# INSTALLATION INSTRUCTIONS

1. Loosen all bolts with a wrench and then remove them and their sleeves.
2. Cover the holes with transport hole plugs.
3. Keep the transport bolts for future use.
4. Make sure the small triangle foam is removed with the bottom one together. If not, lay the unit down with side surface, then remove the small foam from the unit bottom manually.



**NOTICE** Risk of damage to appliance or surroundings. Review and follow all safety and installation instructions during installation.

## I. Select the Location

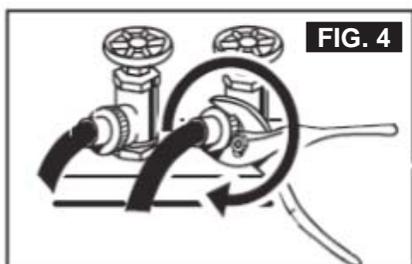
Before installing the appliance, select a location that adheres to the following criteria:

1. A rigid, dry, and level surface removed from direct sunlight.
2. Proper ventilation
3. Room temperature must be above freezing (32°F or 0°C).
4. Isolated from heat sources

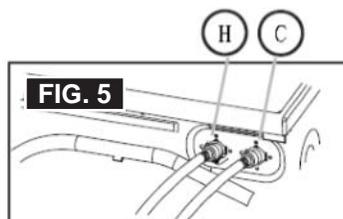
NOTE: Ensure the appliance does not rest on its power cord. It is recommended the appliance is not installed on any soft floor surfaces.

## J. Connect the Inlet Hose

1. Connect the inlet hose as indicated in the figure. Connect the hoses to the hot water taps as indicated.
- i** Do not over-tighten the hoses. If there is any leakage after connection, confirm the hose end has a rubber "O" ring and repeat the steps to connect the inlet hose.
2. Connect the fitting to the tap and fasten it clockwise.

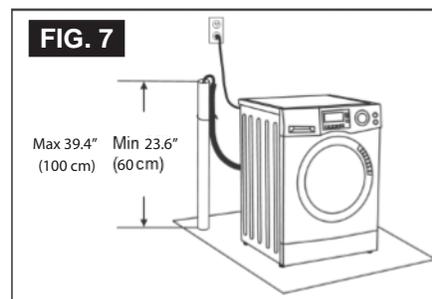
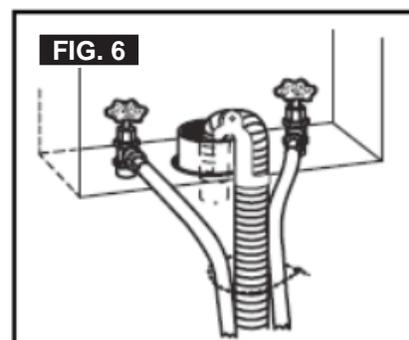


3. Connect the opposite end of the hose to the inlet valve on the backside of the appliance.

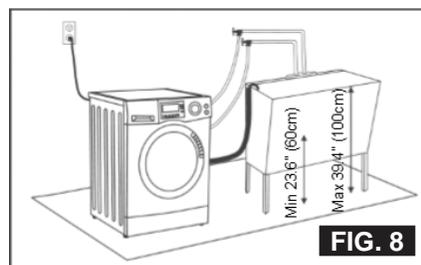


## K. Drain System Options

- The standpipe drain system may be installed in the wall (Fig. 6) or floor (Fig. 7). The drain requires a minimum inner-diameter standpipe of 2 inches (5 cm).

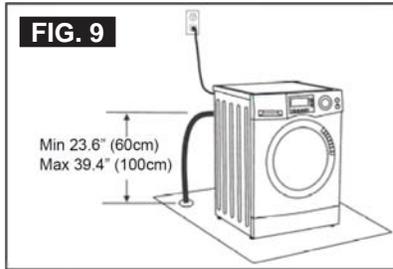


- The minimum carry away capacity of the drain can be no less than 17 gal (64 L) per minute. The top of the standpipe **MUST** be between at least 23.6 inches (60 cm) and 39.4 inches (100 cm) above the bottom of the appliance.
- The laundry tub drain system (Fig. 8) requires a minimum 20 gal (76 L) capacity. The top of the laundry tub **MUST** be a minimum of 23.6 inches above the floor but no more than 39.4 inches.



# INSTALLATION INSTRUCTIONS

- The floor drain system (Fig. 9) requires an air gap and siphon break that **MUST** be purchased separately. The siphon break **MUST** be a minimum of 23.6 inches (60 cm) from the bottom of the appliance. Additional hoses may be needed.



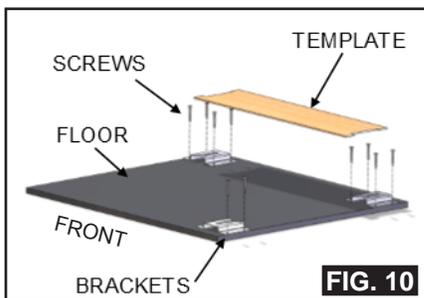
## L. Fastening and Leveling the Appliance

1. If the template is not placed flush with the back wall of the installation area, measure its location to ensure proper alignment of the appliance.
2. Align the appliance with the template and secure the brackets with screws on the exposed bracket sides. Next, remove the template and finish securing the brackets. Note: The slot openings must be facing toward the front.

BACK OF APPLIANCE



TEMPLATE TOP VIEW



3. Ensure the floor's surface is protected against damage. Slide the appliance and align the rear legs to the rear bracket slot openings. Ensure that the legs are within  $\frac{1}{4}$  inch from the back of the slot.
4. Level the machine using the front legs.
  - a. When positioning the laundering machine, ensure the front legs are in the shortest position that will allow room for the foot to fit inside the bracket. If not, adjust the legs to their shortest position by hand and tighten the nuts with a wrench.

- b. After positioning the appliance, ensure that it is stable by pressing on the four corners of the appliance. If the appliance shifts, the leg underneath must be adjusted.

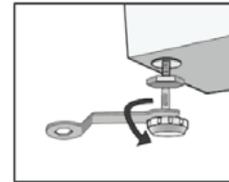


FIG. 11

- c. To ensure the positioning of the appliance, loosen the lock nut with a wrench and turn the leg with your hand until it contacts the floor.
- d. Press the leg with one hand and fasten the nut tightly to the cabinet with a wrench.
- e. Press the four corners again to ensure the legs have been properly locked and adjusted. Repeat step 4b if the appliance is still unstable.
- f. Use a level to ensure the appliance is not on an incline. Repeat steps 4b–d until the machine is completely leveled.

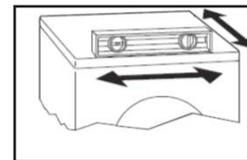


FIG. 12

5. Align the bracket on the front right side in line with the leg, and slide the bracket over the leg until it touches the foot. The slot opening must be facing the back of the appliance. Fasten the bracket with screws through the two outboard holes. The inboard holes are left empty.

FRONT OF APPLIANCE

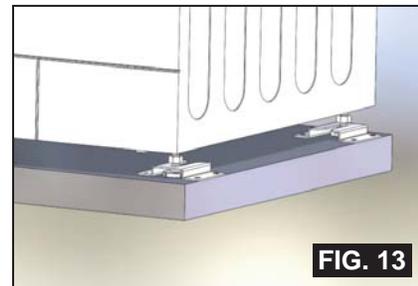
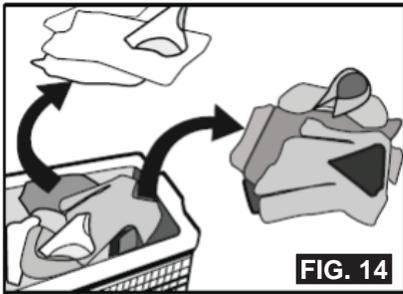


FIG. 13

# OPERATING INSTRUCTIONS

## A. Laundering Recommendations

- Review, understand, and follow all Safety and Operation instructions when operating the appliance.
- Thoroughly review all operating instructions before using the appliance. Any incline of the RV contributes to the angle of the appliance. Do **NOT** operate the appliance if the tilt of the appliance exceeds 2°.
- Dometic is **NOT** responsible for damage to any improperly laundered fabrics, including but **NOT** limited to color fading, color transfer, wrinkling, and shrinkage.
- If you are laundering clothes for the first time, check their color fastness. Use a white towel damp with liquid detergent to rub a portion of the fabric and check if the towel is stained by the fabric. Wash clothes that lose their color separately.



- Wash temperature-sensitive clothes as directed by the label to avoid premature fading.
- **NEVER** store clothes in the appliance. Otherwise they may mold or stain. Remember to dry clothes immediately after laundering to prevent molding. Clothes may change color or fade if the label instructions are **NOT** observed.
- Clothes that may **NOT** be washed:
  - Clothes that may be damaged if immersed in water.
  - Ties, waistcoats, leather garments, and outer garments, which may shrink if immersed in water.
  - **DO NOT** wash clothes marked for dry cleaning only.
  - Costumes, embossed, or resin clothes may be damaged when immersed in water. Along with cotton and wool materials, the clothes that are most easily damaged are wrinkle-style silk and any fabric lined with fur.
  - **DO NOT** wash clothes without material labels or laundering requirements.

- Some clothes such as fleece and corduroy should be turned inside-out before laundering to reduce fiber loss. **ALWAYS** check the care label before laundering.
- **DO NOT** wash water-proof materials such as ski suits or raincoats.

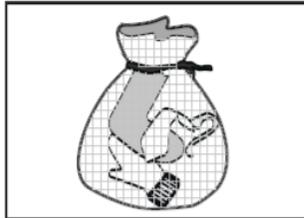
**⚠ WARNING** Failure to obey the following instructions could result in death or serious injury due to fire or explosion. **NEVER** wash clothes stained with chemicals such as gasoline, petroleum, benzene, paint thinner, alcohol, cooking oils, etc. **NEVER** add such chemicals to the appliance.

- Regarding detergents:
  - Use the recommended Dometic Detergent Pods inside the drum with clothes. For liquid detergent, use HE front-loading specifically formulated detergent. Pre-detergent, liquid detergent and fabric softener go in the dispenser drawer. Use only 1–2 tablespoons of liquid detergent.
  - Take into consideration the type and amount of fabric to be washed and the laundering method before choosing your detergent; otherwise, excessive suds may be generated.
  - Use bleach sparingly as it can damage fabric permanently.
  - **DO NOT** use powder detergents as it will create sudsing.
  - Laundering effectiveness depends on water softness as well as using detergent properly.
  - Keep detergents and additives in a dry place out of reach from children.
- Additional notes and guidelines for clothes:
  - Clothes washed together should share similar characteristics. Care labels define whether a shirt is cotton, blended fiber, synthetic fiber, silk, or wool.
  - White and colorful clothes **MUST** be washed and dried separately. All new colorful fabrics should be washed separately.
  - Delicate articles **MUST** be washed separately. New pure wool fabrics, curtains, and silk fabrics should be washed on the delicate setting.
  - Clothes should be sorted prior to laundering. Remove the hooks from any curtain before laundering.
  - Decorations on fabric may damage the laundering machine. Fabric with buttons or embroideries should be turned inside-out before laundering. **ALWAYS** read the care label before laundering.

# OPERATING INSTRUCTIONS

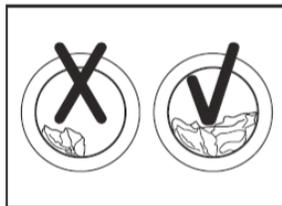
- Zippers should be zipped closed and buttons or hooks should be secured.
- NOTE: Any type of garment with hook or wire inserts should be washed within an enclosed mesh bag. It is suggested to wash bras in a pillow slip to prevent the steel wire from protruding from the bra and potentially damaging the appliance. Other delicate fabric, such as stockings or handkerchiefs, should also be washed within an enclosed mesh bag.

**FIG. 15**



- Laundering large or heavy articles such as towels, jackets, or bedding may cause a load imbalance. Adding additional articles of fabric should help to offset the imbalance. Do **NOT** exceed the appliance loading capacities.

**FIG. 16**



- Delicate articles should be washed separately. Increase the rinsing time of any delicate articles to ensure there is no residual detergent.
- Fabrics with tough stains should be pretreated before placement in the appliance.
- Do **NOT** overload the appliance. Different fabrics have different load restrictions. Refer to the table below for the maximum load capacity of the appliance:

**TABLE 1**

		Max Wash Load Capacity	Max Dry Load Capacity
Fiber Types	Cotton	15 lbs (6.8 kg)	7.5 lbs (3.4 kg)
	Synthetic	7.5 lbs (3.4 kg)	7.5 lbs (3.4 kg)
	Wool	5.5 lbs (2.5 kg)	5.5 lbs (2.5 kg)

## B. View of Control Panel and Functions

Refer to FIG. 17 for the selection options listed below.

1. On/Off: Press once to turn the appliance on, press again will turn off the appliance.
2. Start/Pause: Press to start a wash or dry cycle. If the appliance is running, pressing the button once will temporarily pause the laundering process. Press it again to restart the cycle. If the cycle is not restarted within 10 minutes, it will be cancelled.
3. Select cycles and options: Not all options are available with all cycles. Cycles and options can be changed any time before the Start/Pause button is pressed. The Dry function is available in options with the symbol .
4. To cancel a cycle:
  - Press and hold the On/Off button until the unit shuts off. Press the power button once to turn the unit back on. After turning on the unit, wait 3-5 seconds for an audible click indicating the appliance door has unlocked. A new wash/dry cycle may be selected at this time. NOTE: Turning the unit off while it is running will not save any of the information of the current cycle.
5. To add a garment:
  - Press and hold the Start/Pause button until an audible beep is heard. Wait 3-5 seconds and an audible click will indicate the appliance door has unlocked. The user may add additional garments to the load. To resume the current cycle, press the Start/Pause button again. NOTE: A new cycle cannot be selected when following the steps in this option.
6. To drain the appliance manually:
  - a. Press Power for approximately 3 seconds.
  - b. Select spin.
  - c. Press the Start/Pause button.
  - d. When the spin is complete, the door will unlock.
7. Wash cycles:
 

NOTE: The screen displays a preset run time, but the run time is dependent on the appliance's sensors. The length of operation is based on fabric dryness and temperature. All times displayed for a given cycle are approximate.

  - Normal/Cotton: The default setting on Normal/Cotton wash cycle runs for approximately 54 minutes. It comes with the option of Wash+Dry, Extra Rinse, and Time Save. When dry is turned on, the cycle runs for approximately 2 hours and 17 minutes.



# OPERATING INSTRUCTIONS

- Heavy Duty: The Heavy Duty wash is for heavy material and has the option of Wash+Dry, .
- Bulky/Large: The Bulky/Large wash is for materials that are bulky with the cycle running approximately 1 hour and 30 minutes.
- Duvet: The Duvet wash is designed for washing duvet.
- Sport: This cycle helps wash heavily soiled fabric with higher prewash and main wash temperatures. Its has the option of Wash+Dry.
- Spin Only: This is a separate spin cycle. All water will be drained before this cycle begins.
- Rinse & Spin: Select this cycle to rinse and spin a load separately from a regular cycle. This can be helpful in preventing fresh stains from setting into fabrics.
- Tub Clean: (Self-Cleaning Function): NOTE: Do **NOT** use this setting to wash fabrics. Do **NOT** add detergent or fabric softener when using this cycle. This cycle is specially designed to clean the appliance's drum and tubes. It uses an extremely high temperature to sterilize and maintain the proper functioning of the appliance. Adding a small amount of oxidizing bleach to the cycle will increase the cleaning effect. Use this cycle on a monthly basis to keep the inside of the appliance clean.
- Quick: This cycle is ideal for quickly laundering small loads. It comes with the option of Wash+Dry.
- Delicate: This cycle is ideal for silk fabrics and similar delicate materials.
- Sanitize: This cycle is specially designed to sanitize clothes with high water temperatures. It does **NOT** drain water, it needs to be combine with another wash function to complete the wash cycle.
- Wool: This cycle is ideal for wool fabrics labeled "Machine Wash". Select the proper temperature as indicated by the fabric's care label. NOTE: Proper detergent **MUST** be used when laundering wool fabrics.
- Under Wear: This cycle is ideal for laundering under garments. It has an additional rise cycle.
- Refresh: During this cycle, hot air is pumped into the drum to remove wrinkles and restore freshness to fabrics. It can be used to dry fabrics collectively weighing less than 1.1 lbs (0.5 kg), such as a damp shirt or a pair of shorts.
- Dry: This is for drying only. The dry time can be selected based on load size up to load limit specified on Table 1 on page 11.

- My Cycle: Press "Spin" for 3 seconds to load the cycle and options you are currently using to the "my cycle" program. Selecting this program in the future will load the cycle for quick use.

## C. Option Buttons

Note: To select the desired option, press the button until setting shows on the screen.

- Time Save: This function can decrease the wash time.
- Delay: The delay function can be set between 0-24 hours. The start light will illuminate to indicate the delay time. It will start the cycle after the selected delay time has elapsed.

To Active:

- I. Select program cycle.
- II. Press delay button to choose time.
- III. Press Start/Pause to active Delay option.

To cancel:

- I. Press the Delay button until the display shows 0H. It should be pressed before activating the program.
  - II. If the program as already started, press the On/Off button.
- Temp.: Press this button until desired setting is lit. Available options will vary based on wash cycle selected.
  - Spin Speed: The appliance drum spins at up to 1200 rpm. This reduces drying time and saves energy. Press the "Spin Speed" button until the indicator light for the desired setting is lit. Delicate fabrics require a slower spin speed.
  - Soil level: This option is divided into three levels. Choosing the right soil level increases the appliance's efficiency.
  - Dry Level: Press this button to select the cycle's temperature based on load size. There are three levels available.
  - Child Lock: Press the "Soil" and "Dry level" buttons at the same time to lock/unlock the control panel.

# OPERATING INSTRUCTIONS

## D. Reference Symbols Displayed on the Panel

Signal	Description
	Pre-Wash
	Wash
	Rinsing
	Time Save
	Extra Rinse, Illuminated when Active
	Dry Level: Extra, Normal, Gentle
	Air Wash
	Buzzer
	Door Lock
	Child Lock: Illuminated when Active
	Delay, Illuminated when Active
	Press 3 sec to Activate My Cycle
	Time Display

## E. Preparing for First Use

- Before laundering clothes for the first time, the laundering machine **MUST** run through the complete cycle of procedures without fabric as follows:
  1. Connect to a power source and water.
  2. Put liquid detergent into the dispenser and close it.
  3. Press the “Power” button.
  4. Press the “Start/Pause” button.
- The drawer is separated as follows:
  - I: Pre-detergent
  - II: Main detergent

: Laundering additive, such as fabric softener
- Putting detergent into the appliance:
  1. When using a Dometic or any other pod detergent, place the pod in the drum with fabric, or if using liquid detergent:
    - Pull out the detergent dispenser.

- Pour liquid pre-detergent into Case I (when necessary).
  - Pour liquid detergent into Case II.
2. Pour laundering additives, such as fabric softeners, into Case when necessary).
  3. Close the drawer securely.

**NOTICE:** Dilute liquid detergents or additives with water before pouring it into the detergent dispenser to prevent the inlet from being blocked and overflowing while filling with water.

## F. Laundering Fabrics

- Starting the appliance:
  1. Load the clothes to be washed into the drum.
  2. Add liquid detergent or any other approved cleaning solvents in drawer (pods go in the drum).
  3. Press the “Power” button.
  4. Select the desired cycles and options.
  5. Press the “Start/Pause” button.
- Selecting the Wash Cycle:
  1. Select the proper wash cycle.
  2. Select the proper temperature according to soil level. Higher temperatures consume more power.
  3. Select the proper spin speed. The higher the spin speed, the drier the garments will be before drying.

**CAUTION** DO NOT attempt to open the door while the appliance is running. Doing so may result in personal injury or property damage. To load additional clothes into the dryer, press the Pause button and wait for the door to unlock. The door will **NOT** unlock until all the water is drained from the appliance and the internal temperature drops below 122°F. Press Start only once the door is closed again. Overflowing water resulting from misuse of the appliance may cause property damage.

# OPERATING INSTRUCTIONS

TABLE OF WASH and Dry Selections

**TABLE 2**

Program		Normal / Cotton	Heavy Duty	Sports	Bulky	Duvet	Quick	Delicate	Wool	Under Ware	Sanitize
Soil Level	Light	YD	Y	Y	Y	YD	YD	Y	YD	YD	N
	Med	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
	Heavy	Y	YD	YD	YD	Y	Y	YD	Y	Y	YD
Spin Speed	Highest	Y	YD	Y	Y	Y	Y	N	N	Y	N
	High	YD	Y	YD	YD	Y	YD	Y	Y	YD	N
	Med	Y	Y	Y	Y	YD	Y	YD	YD	Y	N
	Low	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
	No Spin	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Dry	None	YD	YD	YD	N	N	N	N	N	N	N
	Light	Y	Y	Y	N	N	N	N	N	N	N
	Normal	Y	Y	Y	N	N	N	N	N	N	N
	Heavy	Y	Y	Y	N	N	N	N	N	N	N
Water Temp	Cold	Y	Y	Y	Y	YD	Y	Y	Y	YD	N
	ECO	Y	Y	YD	YD	Y	Y	YD	YD	Y	N
	Warm	YD	YD	Y	Y	Y	YD	Y	Y	Y	N
	Hot	Y	Y	Y	Y	Y	Y	N	N	Y	N
	Hot+	Y	N	N	N	N	N	N	N	N	YD
Extra Rinse		Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Time Save		Y	Y	Y	Y	Y	N	Y	Y	Y	N
Default Time hr:min		:54	1:34	:51	1:04	:57	:36	:54	1:05	1:21	1:52

**YD: Default Option**

**Y: Option Available**

**N: No-Option**

**Note: The parameters in this table are only for user's reference. The actual maybe different with the above noted.**

Program		Spin Only	Rinse & spin	Refresh	Dry	Tub Clean
Soil Level	Light	N	N	N	N	N
	Med	N	N	N	N	N
	Heavy	N	N	N	N	N
Spin Speed	Highest	Y	Y	N	YD	N
	High	YD	YD	N	N	N
	Med	Y	Y	N	N	N
	Low	Y	Y	N	N	N
	No Spin	Y	Y	N	N	N
Dry	None	N	N	N	N	N
	Light	N	N	N	Y	N
	Normal	N	N	YD	YD	N
	Heavy	N	N	N	Y	N
Water Temp	Cold	N	N	N	N	N
	ECO	N	N	N	N	N
	Warm	N	N	N	N	N
	Hot	N	N	N	N	N
	Hot+	N	N	N	N	N
Extra Rinse		N	YD	N	N	N
Time Save		N	N	N	N	N
Default Time hr:min		:11	:16	:31	1:47	1:27

**NOTICE** To prevent personal injury and/or property damage, the door will remain locked until a safe water level and internal temperature have been reached. This can take a minimum of 45 minutes depending on multiple external factors. This operation is normal with a washer/dryer combo designed for RVs and other mobile applications.

# CARE AND CLEANING

**⚠ WARNING** Failure to obey the following instructions could result in death or serious injury due to fire or explosion.

- Read and understand all safety instructions.
- Before attempting maintenance, disconnect the power and shut the water valves off.
- Do **NOT** use unapproved cleaning solvents that may damage the laundering machine and generate toxic gases which can explode.
- **NEVER** spray water on the laundering machine to clean it.
- Any detergents containing PCMX should **NOT** be used to clean the machine.

## A. Cleaning the Appliance Cabinet

- Proper maintenance of the appliance can extend its working life. The surface can be cleaned with a diluted non-abrasive detergent when necessary. If there is any water overflow, use a wet cloth to wipe it off immediately. No sharp items should be used on the cabinet.

**i** Do **NOT** use any acid, diluted solvents, or equivalent substances to clean the cabinet.

## B. Cleaning the Internal Drum

**i** Any rust left inside the drum by metal articles **MUST** be removed immediately with chlorine-free detergents. **NEVER** use steel wool or any other abrasive cleaning materials.

- **Removing the Remaining Water in the Inlet Hose**

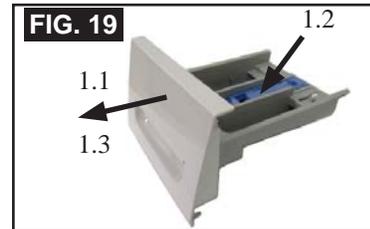
**⚠ CAUTION** Burn Hazard. This step should be completed after the hot water inside the machine cools down.

- ☞**
1. Turn off the tap.
  2. Unscrew the inlet hose from the tap and put its end into a large container to catch the water.
  3. Start any cycle except the Single Wash or Drain procedure.
  4. If there is any water, it will be drained out of inlet hose for about 40 seconds.
  5. Reconnect the inlet hose to the tap.
  6. Remove the remaining water in the drain pump.

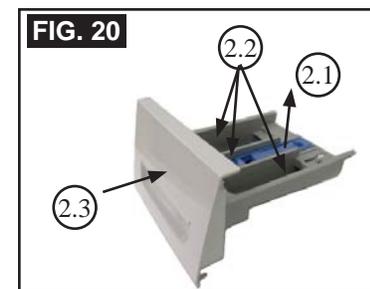


## C. Cleaning the Detergent Dispenser and Grooves

- ☞**
1. Remove the drawer.
    - 1.1 Pull out drawer.
    - 1.2 Press lever down.
    - 1.3 Remove drawer.



2. Remove center lever, wash thoroughly, and replace.
  - 2.1 Lift center lever.
  - 2.2 Wash thoroughly & replace lever.
  - 2.3 Replace drawer.



## D. Cleaning the Inlet Filter

- The filter **MUST** be cleaned if there is little or no water flow when the tap is opened.

## E. Cleaning the Tap Filter

- ☞**
1. Turn off the tap.
  2. Select any cycle except "Wash" or "Drain".
  3. Press the "Start/Pause" button and keep the cycle running for approximately 40 seconds.
  4. Remove the inlet hose from the tap.
  5. Use water to wash the filter if present.
  6. Reconnect the inlet hose.

# CARE AND CLEANING

## F. Washing the Filter in the Appliance

1. Unscrew the inlet hose from the backside of the machine.
2. Pull out the filter with long-nose pliers, and reinstall it after cleaning (see Fig. 21).
3. Reconnect the inlet hose.
4. Turn on the tap, and make sure there is no water leakage.

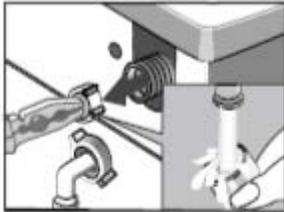


FIG. 21

## G. Removing Foreign Objects

- i** Drain Pump Filter: The filter collects lint and small foreign objects. Clean it periodically to ensure normal operation of the appliance.

**CAUTION** Drain water may be hot enough to cause burns. Wait for the water to cool.

1. Ensure the water has cooled down inside the appliance.
2. Drain the excess water from the drain pump using the spin cycle.
3. Disconnect the appliance.
4. Gently clean the pump.

- i** According to the soil level within the cycles and the frequency of the cycles, regularly inspect and clean the filter. The pump should be inspected if the machine does **NOT** empty and/or spin, or the machine makes an unusual noise during draining due to objects such as safety pins or coins blocking the pump.

5. Open the service panel. Place a container nearby to collect any spillage from cleaning (see Fig. 22).

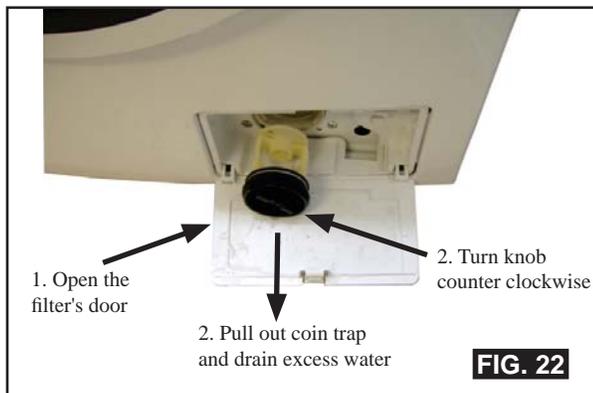


FIG. 22

6. When water no longer spills out, unscrew the pump cover and remove it. Always keep a rag nearby to dry up any spillage of water when removing the cover.
7. Remove any objects.
8. Fully screw the pump cover in.
9. Close the service panel.

**CAUTION** Burn Hazard. When the appliance is in use there may be hot water in the pump depending on the cycle selected. **NEVER** remove the pump cover during a wash cycle. Wait until the appliance has finished the cycle and is empty. When replacing the cover, ensure it is securely tightened to avoid leaks and to prevent children from removing it.

## H. Winterizing/Storing when temperatures drop below 32° F (0° C):

1. Remove the remaining water in the drain pump by running the spin cycle.
2. After spin cycle is complete, disconnect the power plug or disconnect the power source.
3. Shut the water valves off, and let any hot water in the hoses and machine cool before continuing.
4. Disconnect the drain and inlet hoses, and drain any excess water.

**CAUTION** The hot water hose may still contain hot water.

5. Open the service panel located on the bottom front-right side of the appliance.
6. Place a container and/or rags close to the screw cap to collect any excess water.
7. Unscrew to remove cover. Excess water will drain as the cover is removed.
8. Once all excess water has been removed, replace the cover.
9. Close the service panel.

# TROUBLESHOOTING

Problem	Reason	Solution
Appliance does not start up		Check that the door is closed tightly. Check that the power plug is inserted properly. Check that the electric supply fuse/breaker is not tripped. Check that the water supply taps are open. Ensure the inlet hose filters are unobstructed. Check if the "Power" button is pressed. Check if the "Start/Pause" button is pressed.
Door does not open	Water remains in the drum. Internal temperature is too high. Water temperature is too high.	The machine's safety design protections are working. Disconnect the power. Reconnect the power after allowing the machine to cool. Continue original cycle. Run spin cycle if necessary.
Water does not get warm or hot	The temperature sensor is damaged.	Normal laundering can continue, but without hot water. Contact the service center promptly.
Water leakage	The supply hose gasket is missing or damaged. The connection between inlet hose or outlet hose and tap or laundering machine is not tight. Drain pipe in the room is blocked.	Check and fasten the water hoses. Clean up the outlet hose and ask a specialized technician to repair it when necessary.
Water is overflowing from the bottom of the machine	The inlet hose is damaged or not connected firmly. Outlet hose has water leakage. The pump service plug is not tight.	Fix the inlet hose. Tighten the pump service plug. Replace the drain pipe.
Indicator or display does not light	Power is disconnected. The PC board has problems. Loose wiring connections.	Check if the power breaker/fuse is shut down and power plug is connected correctly. Contact a qualified service technician.
Detergent residue in the dispenser	Powdered detergent was used or liquid detergents were not diluted.	Clean and wipe the dispenser. Use liquid HE detergents or laundry pods per the instructions.
Laundering effects are not satisfactory	The clothes are too dirty, insufficient detergent was used, or the wrong cycle was chosen.	Do not wash heavily soiled fabrics. Select a proper cycle. Add the proper detergent quantity according to the instructions on the detergent package.
Abnormal noise or vibration		Check if the transport bolts have been removed, and that the cabinet is installed on a solid level floor. Check if there are any heavy or metal articles inside the drum. Check if the legs in the laundering machine are properly leveled.
Frozen appliance/drain pipe/hose(s)	Appliance was located in a location where freezing temperatures were present and water was left in the drain pipe and/or hose(s).	Verify the vehicle's supply water pipes are not damaged. Disconnect the power supply for the appliance. Wash the tap with warm water to loosen the inlet hose. Remove the inlet hose and immerse it in warm water. Pour warm water into the laundering drum and wait 10 minutes. Reconnect the inlet hose to the tap, and check that the inlet and outlet are working normally.
Timer display on same # for extended period of time.	Large drying loads require extended time to dry completely. Internal drum sensor communicates to "pause" the countdown to ensure maximum drying level is achieved.	Note: The unit is still functioning properly even if the timer display is paused. To avoid this "pause" on the display, dry load size should be less than 7.5lbs.

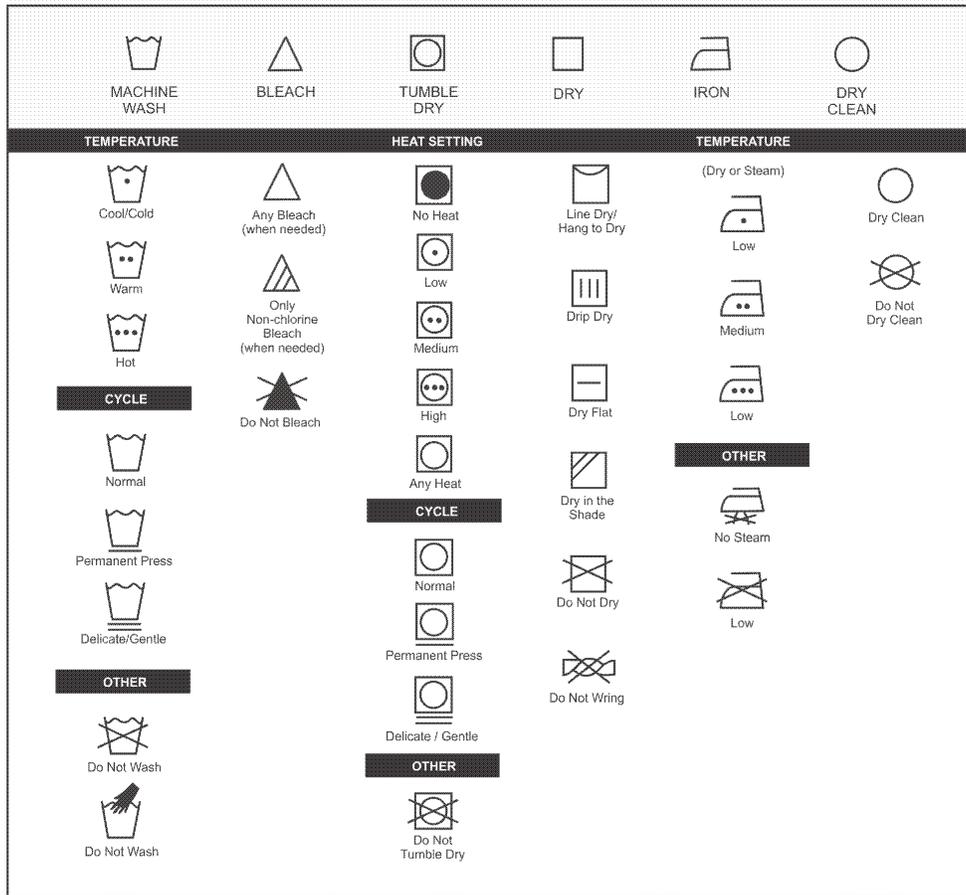
## DISPLAY DIAGNOSTIC CODES

Diagnostic Service Codes	Description	Appliance Action	User Corrections
E10	Water fill time exceeds 7 minutes.	Unit will close valves and stop.	Tap is not open. Check inlet hose and filters.
E11	There is excessive water left in the unit during unit standby or end of cycle.	Unit will start pump with door locked, valve closed, and motor stopped.	Check outlet hose for folding, clogs and grey water tank level. Run spin cycle to drain water. Clean pump filter with caution, prepare for large amount of water that will drain.
E12	The water level in the drum exceeds the designed level.	Unit will start pump with door locked, valve closed, and motor stopped.	Check outlet hose for folding, clogs and grey water tank level. Run spin cycle to drain water. Clean pump filter with caution, prepare for large amount of water that will drain.
E21	In three minutes, the water level doesn't drain with pump started.	Unit will pause with pump stopped, door unlocked if water level is low enough.	Check outlet hose for folding, clogs and grey water tank level. Run spin cycle to drain water. Clean pump filter with caution, prepare for large amount of water that will drain.
E30	Door won't lock in three tries.	Unit will stop.	Check for latch or door seal blockage. Ensure door is closed.
E31	Door won't unlock in three tries.	Unit will stop.	Continue original cycle to completion. Allow appliance to cool. Run a spin cycle.
E70	Button stuck.	No function.	Check the buttons. Restart unit.

Codes E20, 33-40, 64-81, and all others **NOT** listed above are an internal fault that **MUST** be corrected by a qualified service professional. The appliance may **NOT** work or in a few cases will function but **NOT** fully as designed. Contact a Dometic Corporation authorized service representative to repair the appliance.

# APPENDIX

## A. Fabric Care Label References



## B. Technical Specifications

Power Supply	120V / 60Hz
Dimension (W*D*H)	23.44"*23.06"*33.44" (595MM*565MM*850MM)
Weight	174lbs (79kg)
Laundering/Dry Capacity	15lbs (6.8kg)/ 7.5lbs (3.4kg)
Rated Current	12A
Standard Water Pressure	7.3-145 psi (0.05MPa-1MPa)
Max. Spin Speed	1200 rpm

Record this information for future reference:

**Model Number:** \_\_\_\_\_

**Serial Number:** \_\_\_\_\_

**Date Purchased:** \_\_\_\_\_

## NOTES: