

Drying Tumblers

Refer to page 3 for Model Numbers

— Programming —

Keep These Instructions for Future Reference.


(If this machine changes ownership, this manual must accompany machine.)


Installation must conform with local codes or in the absence of local codes with:

In the U.S.A., installation must conform to the latest edition of the American National Standard Z223.1/NFPA 54 “National Fuel Gas Code” and Standard ANSI/NFPA 70 “National Electric Code.”

In Canada, installation must comply with Standards CSA B149.1 or Natural Gas and Propane Code CSA C22.1, latest edition, Canadian Electric Code, Part I.

In Australia, installation must comply with the Australian Gas Association Installation Code for Gas Burning Appliances and Equipment.

	WARNING
<p>FOR YOUR SAFETY, the information in this manual must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury or death.</p> <p style="text-align: right;">W033</p> <ul style="list-style-type: none">• Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.• WHAT TO DO IF YOU SMELL GAS:<ul style="list-style-type: none">– Do not try to light any appliance.– Do not touch any electrical switch; do not use any phone in your building.– Clear the room, building or area of all occupants.– Immediately call your gas supplier from a neighbor’s phone. Follow the gas supplier’s instructions.– If you cannot reach your gas supplier, call the fire department.• Installation and service must be performed by a qualified installer, service agency or the gas supplier. <p style="text-align: right;">W052</p>	
<p>FOR YOUR SAFETY</p> <p>Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.</p> <p style="text-align: right;">W053</p>	

	MISE EN GARDE
<p>POUR VOTRE SÉCURITÉ, les informations de ce guide doivent être respectées afin de réduire les risques d’incendie, d’explosion ou d’éviter les dommages matériels, personnels ou blessures mortelles.</p> <p style="text-align: right;">W033R3QU</p> <ul style="list-style-type: none">• Ne pas entreposer ou utiliser d’essence ou toutes autres vapeurs et liquides inflammables à proximité de cette machine ou de tout autre appareil.• QUE FAIRE EN CAS D’ODEUR DE GAZ :<ul style="list-style-type: none">– Ne pas mettre d’appareil en marche.– Ne pas toucher aux interrupteurs électriques ; ne pas utiliser le téléphone des lieux.– Évacuer la pièce, le bâtiment ou la zone de tous les occupants.– Appeler immédiatement le fournisseur de gaz de la maison d’un voisin. Respecter les instructions communiquées par le fournisseur.– Si vous ne pouvez pas joindre le fournisseur de gaz, appeler le service d’incendie.• L’installation et l’entretien doivent être effectués par un installateur, service d’entretien qualifiés ou par le fournisseur de gaz. <p style="text-align: right;">W052R5QU</p>	
<p>POUR VOTRE SÉCURITÉ</p> <p>Ne pas entreposer ou utiliser d’essence ou toutes autres vapeurs et liquides inflammables à proximité de cette unité ou de tout autre appareil.</p> <p style="text-align: right;">W053R2QU</p>	

IMPORTANT: Information must be obtained from a local gas supplier on instructions to be followed if the user smells gas. These instructions must be posted in a prominent location. Step-by-step instructions of the above safety information must be posted in a prominent location near the tumbler for customer use.

Table of Contents

Introduction	3
Model Identification	3
Customer Service.....	5
Wiring Diagram	5
Safety Information	6
Important Safety Instructions	7
Programming the Electronic OPL Control	9
Introduction to Programming	9
Signal	10
Reversing	10
Status Lights	10
Automatic Dry and Condition Mode	11
Time Dry and No Heat Modes.....	12
Custom.....	13
Custom Cycle Record	13
Special Cycle Mode.....	14
Special Time Mode.....	14
Security Lock-Out	14
Show Mode.....	14
Temperature Sensor	15
Temperature Adjustment	15
Temperature Display (°F/°C).....	15
Cylinder Temperature Display	15

© Published by permission of the copyright owner.

All rights reserved. No part of the contents of this book may be reproduced or transmitted in any form or by any means without the expressed written consent of the publisher.

Introduction

Model Identification

Information in this manual is applicable to these models:

	Gas			Steam/Thermal Oil		Electric
25 Pound	HA025L	LU025L	ST025L	HT025S		HT025E
	HA025N	LU025N	ST025N	HU025S		HU025E
	HT025L	PA025L	SU025L	LT025S		LT025E
	HT025N	PA025N	SU025N	LU025S		LU025E
	HU025L	PT025L	UA025L	PT025S		PT025E
	HU025N	PT025N	UA025N	PU025S		PU025E
	LA025L	PU025L	UT025L	ST025S		ST025E
	LA025N	PU025N	UT025N	SU025S		SU025E
	LT025L	SA025L	UU025L	UT025S		UT025E
	LT025N	SA025N	UU025N	UU025S		UU025E
30 Pound	HA030L	LU030N	ST030N	HT030S		HT030E
	HA030N	PA030L	SU030L	HU030S		HU030E
	HT030L	PA030N	SU030N	LT030S		LT030E
	HT030N	PT030L	UA030L	LU030S		LU030E
	HU030L	PT030N	UA030N	PT030S		PT030E
	HU030N	PU030L	UT030L	PU030S		PU030E
	LA030L	PU030N	UT030N	ST030S		ST030E
	LA030N	SA030L	UU030L	SU030S		SU030E
	LT030L	SA030N	UU030N	UT030S		UT030E
	LT030N	ST030D		UU030S		UU030E
	LU030L	ST030L				
35 Pound	AT035L	LT035N	ST035L	AT035S		HT035E
	AT035N	LU035L	ST035N	HT035S		HU035E
	HA035L	LU035N	SU035L	HU035S		LT035E
	HA035N	PA035L	SU035N	LT035S		LU035E
	HT035L	PA035N	UA035L	LU035S		PT035E
	HT035N	PT035L	UA035N	PT035S		PU035E
	HU035L	PT035N	UT035L	PU035S		ST035E
	HU035N	PU035L	UT035N	ST035S		SU035E
	LA035L	PU035N	UU035L	SU035S		UT035E
	LA035N	SA035L	UU035N	UT035S		UU035E
	LT035L	SA035N	UU035S			
50 Pound	AT050L	LA050N	ST050D	AT050S	PU050T	AT050E
	AT050N	LT050L	ST050L	GU050S	ST050S	GU050E
	GT050L	LT050N	ST050N	HT050S	ST050T	HT050E
	GT050N	LU050L	SU050L	HT050T	SU050S	HU050E
	GU050L	LU050N	SU050N	HU050S	SU050T	LT050E
	GU050N	NT050L	UA050L	HU050T	UT050S	LU050E
	HA050L	NT050N	UA050N	LT050S	UT050T	PT050E
	HA050N	PT050L	UT050L	LT050T	UU050S	PU050E
	HT050L	PT050N	UT050N	LU050S	UU050T	ST050E
	HT050N	PU050L	UU050L	LU050T		SU050E
	HU050L	PU050N	UU050N	PT050S		UT050E
	HU050N	SA050L		PT050T		UU050E
	LA050L	SA050N		PU050S		

Models continued on next page.

Introduction

(Continued)

	Gas			Steam/Thermal Oil		Electric
55 Pound	HA055L HA055N HT055L HT055N HU055L HU055N	SA055L SA055N ST055L ST055N SU055L SU055N	UA055L UA055N UT055L UT055N UU055L UU055N	Not Applicable		HT055E HU055E ST055E SU055E UT055E UU055E
75 Pound	AT075L AT075N HA075L HA075N HT075L HT075N HU075L HU075N LA075L LA075N LT075L LT075N LU075L	LU075N NT075L NT075N PT075L PT075N PU075L PU075N SA075L SA075N ST075D ST075L ST075N STF75L	STF75N SU075L SU075N UA075L UA075N UT075L UT075N UTF75L UTF75N UU075L UU075N	AT075S HT075S HT075T HU075S HU075T LT075S LT075T LU075S LU075T PT075S PT075T PU075S PU075T	ST075S ST075T SU075S SU075T UT075S UT075T UU075S UU075T	AT075E HT075E HU075E LT075E LU075E PT075E PU075E ST075E SU075E UT075E UU075E
120 Pound	AT120L AT120N HA120L HA120N HT120L HT120N HU120L HU120N LA120L LA120N LT120L LT120N LU120L LU120N PT120L	PT120N PU120L PU120N SA120L SA120N ST120L ST120N SU120L SU120N UA120L UA120N UT120L UT120N UU120L UU120N	WT120L WT120N XT120L XT120N XU120L XU120N	AT120S HT120S HT120T HU120S HU120T LT120S LT120T LU120S LU120T PT120S PT120T PU120S PU120T ST120S ST120T	SU120S SU120T UT120S UT120T UU120S UU120T WT120S WT120T XT120S XT120T XU120S XU120T YU120S YU120T	Not Applicable
170 Pound	AT170L AT170N HA170L HA170N HT170L HT170N HU170L HU170N LA170L LA170N LT170L LT170N LU170L LU170N PT170L	PT170N PU170L PU170N SA170L SA170N ST170L ST170N SU170L SU170N UA170L UA170N UT170L UT170N UU170L UU170N	WT170L WT170N XT170L XT170N XU170L XU170N	AT170S HT170S HT170T HU170S HU170T LT170S LT170T LU170S LU170T PT170S PT170T PU170S PU170T ST170S ST170T	SU170S SU170T UT170S UT170T UU170S UU170T WT170S WT170T XT170S XT170T XU170S XU170T	Not Applicable

Includes models with the following control suffixes:

OM – OPL micro

RM – reversing OPL micro

Customer Service

If literature or replacement parts are required, contact the source from which the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.


For technical assistance, call (920) 748-3121.


Wiring Diagram


The wiring diagram is located in the junction or contactor box.

Safety Information

Precautionary statements (“DANGER,” “WARNING” and “CAUTION”), followed by specific instructions, are found in this manual and on machine decals. These precautions are intended for the personal safety of the operator, user, servicer and those maintaining the machine.

	DANGER
Indicates an imminently hazardous situation that, if not avoided, will cause severe personal injury or death.	

	WARNING
Indicates a hazardous situation that, if not avoided, could cause severe personal injury or death.	


	CAUTION
Indicates a hazardous situation that, if not avoided, may cause minor or moderate personal injury or property damage.	

Additional precautionary statements (“IMPORTANT” and “NOTE”) are followed by specific instructions.

IMPORTANT: The word “IMPORTANT” is used to inform the reader of specific procedures where minor machine damage will occur if the procedure is not followed.

NOTE: The word “NOTE” is used to communicate installation, operation, maintenance or servicing information that is important but not hazard related.

IMPORTANT: Warranty is void unless drying tumbler is installed according to instructions in the Installation Manual. Compliance with minimum specifications and requirements detailed herein, and with applicable local gas fitting regulations, municipal building codes, water supply regulations, electrical wiring regulations, and any other relevant statutory regulations. Because of varied requirements, applicable local codes should be thoroughly understood and all pre-installation work arranged for accordingly.


	WARNING
Failure to install, maintain, and/or operate this machine according to manufacturer’s instructions may result in conditions which can produce serious injury, death and/or property damage.	
W051R1	

NOTE: The WARNING and IMPORTANT instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and carefulness are factors which CANNOT be built into this tumbler. These factors MUST BE supplied by the person(s) installing, maintaining or operating the tumbler.

Always contact your dealer, distributor, service agent or the manufacturer on any problems or conditions you do not understand.

Important Safety Instructions

Save These Instructions

	WARNING
<p>Hazardous Voltage. Can cause shock, burn or cause death. Allow machine power to remain off for two minutes prior to working in and around AC inverter drive.</p>	
<small>W359</small>	

1. Read all instructions before using the tumbler.
2. Refer to the *Grounding Instructions* for the proper grounding of the tumbler.
3. Do not dry 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.
4. Do not allow children on or in the tumbler. This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.
5. Before the tumbler is removed from service or discarded, remove the door to the drying compartment and the door to the lint compartment.
6. Do not reach into the tumbler if the cylinder is revolving.
7. Do not install or store the tumbler where it will be exposed to water and/or weather.
8. Do not tamper with the controls.
9. Do not repair or replace any part of the tumbler, 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.
10. Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
11. To reduce the risk of fire, DO NOT DRY plastics or articles containing foam rubber or similarly textured rubberlike materials.
12. Always clean the lint filter daily.
13. Keep area around the exhaust opening and adjacent surrounding area free from the accumulation of lint, dust, and dirt.
14. The interior of the tumbler and the exhaust duct should be cleaned periodically by qualified service personnel.
15. If not installed, operated and maintained in accordance with the manufacturer's instructions or if there is damage to or mishandling of this product's components, use of this product could expose you to substances in the fuel or from fuel combustion which can cause death or serious illness and which are known to the State of California to cause cancer, birth defects or other reproductive harm.
16. Tumbler will not operate with the loading door open. DO NOT bypass the door safety switch to permit the tumbler to operate with the door open. The tumbler will stop tumbling when the door is opened. Do not use the dryer if it does not stop tumbling when the door is opened or starts tumbling without pressing or turning the START mechanism. Remove the tumbler from use and call the service person.
17. Tumbler will not operate with lint panel open. DO NOT bypass lint panel safety switch to permit the tumbler to operate with the lint panel open.
18. Do not put articles soiled with vegetable or cooking oil in the tumbler, as these oils may not be removed during washing. Due to the remaining oil, the fabric may catch on fire by itself.
19. To reduce the risk of fire, DO NOT put clothes which have traces of any flammable substances such as machine oil, flammable chemicals, thinner, etc. or anything containing wax or chemicals such as in mops and cleaning cloths, or anything dry-cleaned at home with dry-cleaning solvent in the tumbler.
20. Use the tumbler only for its intended purpose, drying water-washed fabrics.
21. ALWAYS disconnect the electrical power to the tumbler before servicing. Disconnect power by shutting off appropriate breaker or fuse.
22. Install this tumbler according to the *Installation Instructions*. All connections for electrical power, grounding, and gas supply must comply with local codes and be made by licensed personnel when required.

Safety Information

23. Remove laundry immediately after tumbler stops.
24. Always read and follow manufacturer's instructions on packages of laundry and cleaning aids. Heed all warnings or precautions. To reduce the risk of poisoning or chemical burns, keep them out of reach of children at all times (preferably in a locked cabinet).
25. Do not tumble fiberglass curtains and draperies unless the label says it can be done. If they are dried, wipe out the cylinder with a damp cloth to remove particles of fiberglass.
26. Always follow the fabric care instructions supplied by the garment manufacturer.
27. Never operate the tumbler with any guards and/or panels removed.
28. DO NOT operate the tumbler if it is smoking, grinding or has missing or broken parts.
29. DO NOT bypass any safety devices.
30. Solvent vapors from dry-cleaning machines create acids when drawn through the heater of the drying unit. These acids are corrosive to the tumbler as well as to the laundry load being dried. Be sure make-up air is free of solvent vapors.
31. Failure to install, maintain and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.



WARNING

To reduce the risk of serious injury, install lockable door(s) to prevent public access to rear of tumblers.

W055

Programming the Electronic OPL Control

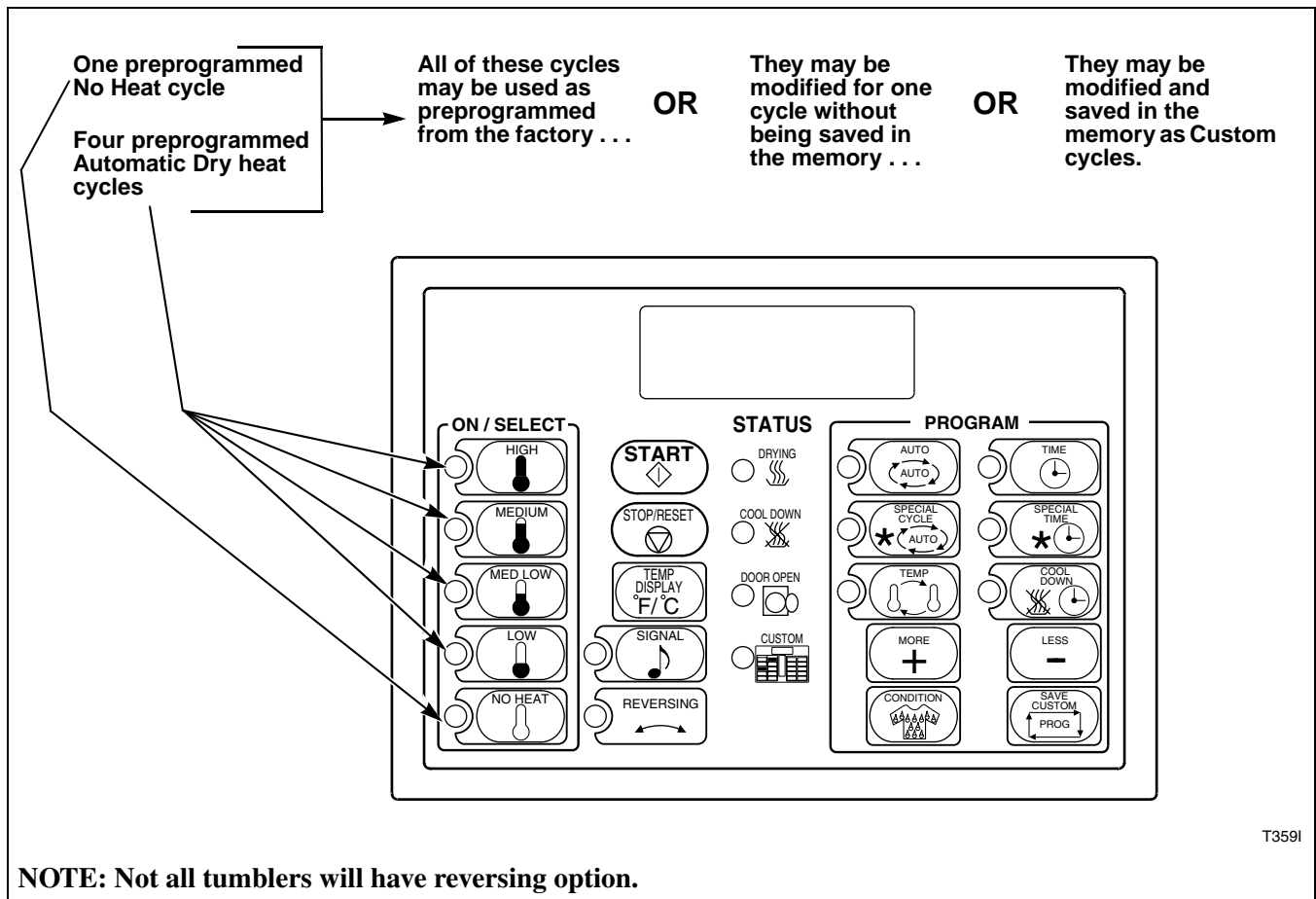


Figure 1

Introduction to Programming

Drying can be done automatically or by time dry. When drying automatically, the tumbler stops drying when laundry reaches the factory-set or programmed dryness level and starts Cool Down. When time drying, the tumbler stops drying when programmed time ends and starts Cool Down.

Both Automatic Dry and Time Dry have factory-set cycles, but other cycles can also be created. Frequently used cycles can be saved in the control's memory as Custom cycles.

In all cycles except No Heat, Wrinkle-Free begins when Cool Down ends. During Wrinkle-Free, the tumbler alternately stops for 2.5 minutes and then runs without heat for 2.5 minutes until door is opened or 60 minutes has elapsed.

A Custom heat cycle may be saved in one of four ways using the ON/SELECT pads of HIGH, MEDIUM, MED LOW and LOW. Refer to *Table 1*.

Custom Cycles	
Automatic Dry	Dries the load to one of eleven user-selectable dryness levels for a given fabric type, and then enters automatic or user-variable Cool Down.
Time Dry	Duplicates the functions of electromechanical dual timer controls, allowing the user to vary temperature, drying time and Cool Down time.
Special Cycle	Allows the user to specify the number of heating cycles and to select from the full range of temperatures for all heat cycles.
Special Time	Similar to Time Dry, except that the user may specify from 80°F (27°C) to 180°F (82°C) for any heat cycle.

Table 1

Programming the Electronic OPL Control

Signal

Refer to *Figure 3*.

The signal has three loudness levels that can be set anytime the control is activated. Pressing the SIGNAL pad once produces the softest tone. Press the pad again to increase signal volume. The fourth press turns the tone and light off. The loudness level selected is for all cycles until changed.

When the signal is on and any key pad is pressed, it sounds at the selected level to confirm the pad was properly pressed.

Reversing

Refer to *Figure 3*.

NOTE: Not all tumblers will have the reversing option.

When this is selected, the cylinder will rotate in one direction for 25 seconds, pause for six seconds, then rotate in the opposite direction for 25 seconds.

This sequence will repeat until the selected cycle ends. To turn reversing option off, press the REVERSING pad. (Anytime REVERSING pad is pressed, the cylinder will pause for six seconds.)

Status Lights

Refer to *Figure 3*.

NOTE: Do not press directly on lights or the center of pad. For proper selection, press on pad slightly to the right of center. Refer to *Figure 2*.

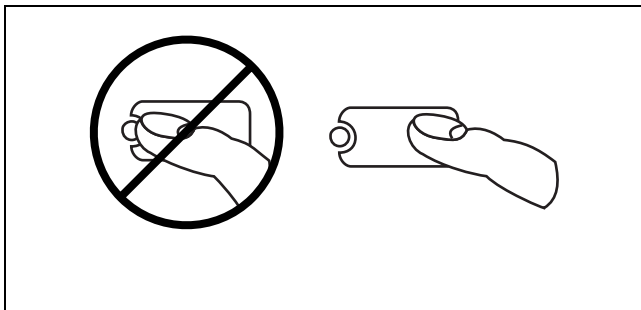


Figure 2

DOOR OPEN	Lights when door is open. NOTE: Display window also flashes.
DRYING	Lights when laundry is drying.
COOL DOWN	Lights when laundry is cooling.
CUSTOM	Lights when a Custom cycle is programmed, recalled or running.
SIGNAL	When lit, the signal will sound when the laundry is ready for removal.
REVERSING	When lit, the cylinder will rotate in one direction for 25 seconds, pause for 6 seconds, then rotate in the opposite direction for 25 seconds.

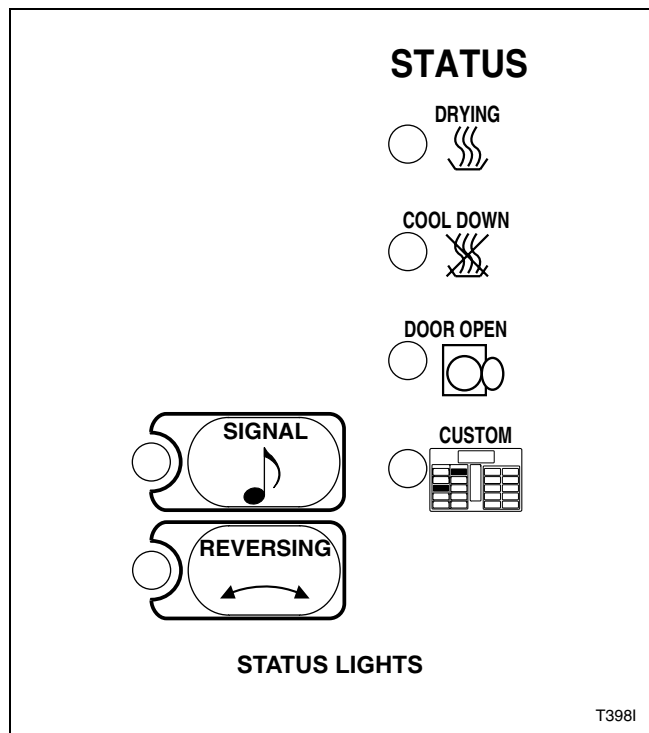


Figure 3

Automatic Dry and Condition Mode

When a temperature is selected, “A0:00” will appear in the display window. Press START to start the tumbler. “A*:***” will appear in the display window. The first “*” is the selected dryness level (dryness levels less than zero will appear as “-*”), and the “:***” is the elapsed time.

The degree of dryness can be altered. Use the MORE pad or the LESS pad to increase or decrease dryness level.

NOTE: Dryness level can only be altered prior to the end of the first heat cycle.

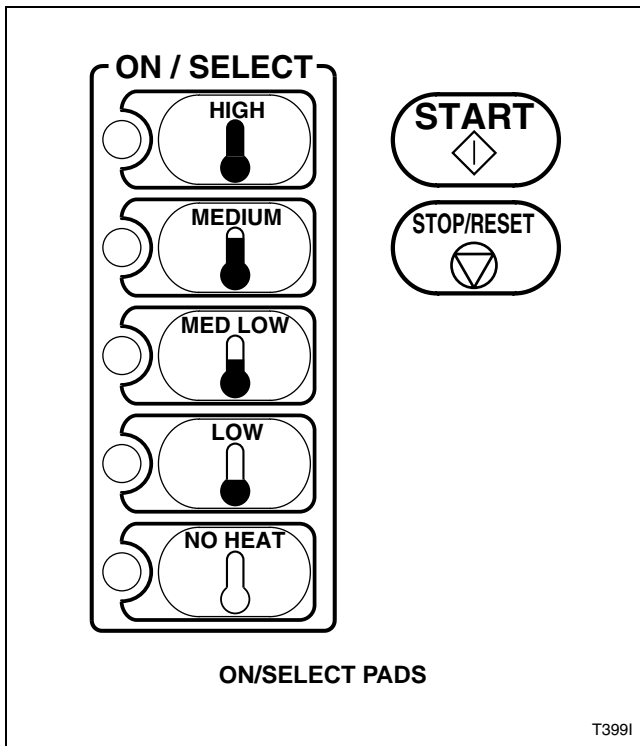


Figure 4

When clothes reach selected dryness level, Cool Down begins. “AC:***” will appear in the display window. “:***” is the elapsed Cool Down time. When Cool Down ends, tumbler automatically goes into Wrinkle-Free and “Lr” (Load Ready) will appear in the display.

“AC:***” will be displayed when tumbler is in Auto Cool Down. Typical Cool Down times for fabric selections are preset as shown in *Table 2*. The Cool Down time can only be altered before cycle is started. To alter Cool Down time, press the COOL DOWN pad and then press the MORE or LESS pad (when Cool Down time is altered, “TC:***” will be displayed). For one minute changes, press pad and release. For five minute changes, press pad and hold. Cooling time can be from 1 to 39 minutes. To return to the Auto Cool Down, press MORE or LESS pad until “AC:***” is displayed.

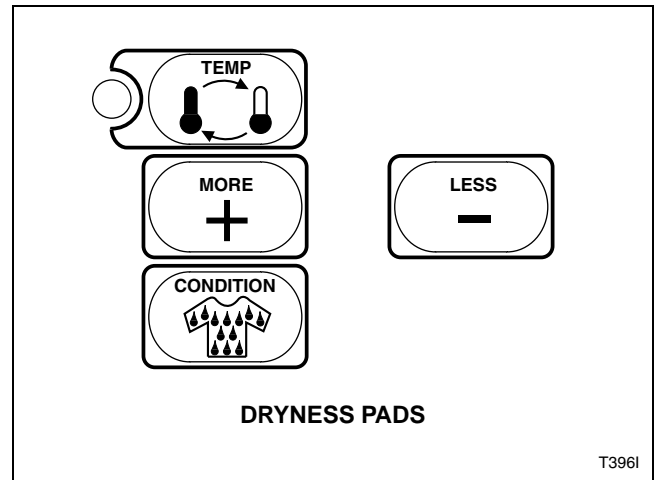


Figure 5

Use the CONDITION pad for items to be left damp for ironing. “Cn:00” will replace “A0:00” in the display.

Automatic Cool Down ends when either a preset temperature or a preset time is reached. Refer to *Table 2*.

Automatic Cool Down Temperatures and Times		
Fabric	Preset Temperature	Preset Time
HIGH	100°F, 38°C	5 Min.
MEDIUM	90°F, 32°C	8 Min.
MED LOW	90°F, 32°C	5 Min.
LOW	90°F, 32°C	5 Min.

Table 2

Time Dry and No Heat Modes

After temperature selection, press the TIME pad. Refer to *Figure 6*.

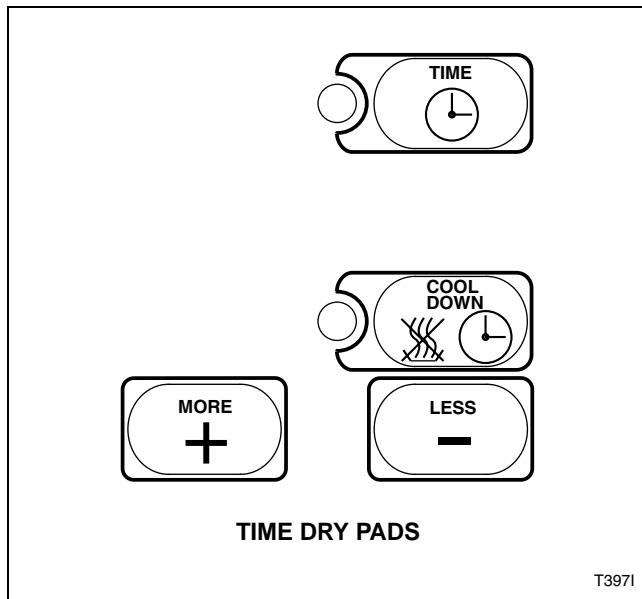


Figure 6

A preset drying time, “Td:***”, will replace “A0:00” in the display. This time can be changed by pressing the MORE or LESS pad. For one minute changes, press pad and release. For five minute changes, press pad and hold. Maximum drying time allowed is 60 minutes. Refer to *Table 3* for preset drying times.

Cycle	Preset Time	Range
HIGH	35 Min.	1 – 60 Min.
MEDIUM	20 Min.	1 – 60 Min.
MED LOW	15 Min.	1 – 60 Min.
LOW	30 Min.	1 – 60 Min.
NO HEAT	20 Min.	1 – 60 Min.

Table 3

“AC:***” will be displayed when tumbler is in Auto Cool Down. Typical Cool Down times for fabric selections are preset as shown in *Table 2*. The Cool Down time can only be altered before cycle is started. To alter Cool Down time, press the COOL DOWN pad and then press the MORE or LESS pad (when Cool Down time is altered, “TC:***” will be displayed). For one minute changes, press pad and release. For five minute changes, press pad and hold. Cooling time can be from 1 to 39 minutes. To return to the Auto Cool Down, press MORE or LESS pad until “AC:***” is displayed.

To start the cycle, press START. The total drying time plus Cool Down time will display. During the cycle, remaining time displays.

No Heat is a Time Dry cycle only. When NO HEAT is pressed, a 20 minute preset time will display. This can be changed from 1 minute to 60 minutes by pressing the MORE or LESS pad before pressing START. The COOL DOWN pad does not work in No Heat cycles.

Custom

Frequently used cycles can be saved in the control's memory as Custom cycles. Only one cycle can be saved for each temperature selection.

Create an Automatic, Time Dry, Special or Special Time cycle, and save it by pressing the word CUSTOM before pressing START. To change a Custom cycle, repeat above.

To recall and use a Custom cycle, press its ON/SELECT pad twice. Press START.

During Custom cycles, the display is the same as non-Custom Automatic cycles. The CUSTOM status light will be on.

When creating or changing a Custom cycle, record it on a Custom Cycle Record. Refer to sample below. To modify or fine-tune a Custom cycle, its values must be known. Custom cycle values can be extracted from the micro-control, but it is easier and more permanent to use a Custom Cycle Record.

Custom Cycle Record

Select	Automatic		Time		Temp	Load Type
	Dryness Level	Cool Down	Dry	Cool Down		
HIGH						
MED						
MED LOW						
LOW						
NO HEAT						
Select	Special		Special Time		Temp	Load Type
	Dryness Level	Cool Down	Dry	Cool Down		
HIGH						
MED						
MED LOW						
LOW						
NO HEAT						

Special Cycle Mode

This allows the user to select the number of times the tumbler will cycle from heat-on to heat-off. To enter the Special Cycle Mode, press the SPECIAL CYCLE pad after selecting a cycle. The display will read "SC:***". "****" is the number of times the tumbler will cycle from heat-on to heat-off. This number can be changed by pressing the MORE or LESS pad. For increments of one, press pad and release. For increments of five, press pad and hold for three seconds. Range is from 1 to 99.

Press the START pad. The number shown after "SC:" is the number of cycles selected. The number will decrease as each cycle is completed. The default Cool Down cycle for the Special Cycle Mode is Automatic Cool Down.

NOTE: Since there are only 60 minutes of cycle time, any cycles not completed within 60 minutes will be skipped.

NOTE: Unlike the Time Dry Mode and Automatic Mode, the regulating temperature in the Special Cycle Mode has a range of 80°F (27°C) to 180°F (82°C) or all heat cycles.

Special Time Mode

This mode is just like the Time Dry Mode, except that the regulating temperature for each heat cycle ranges from 80°F (27°C) to 180°F (82°C). To enter the Special Time Mode, press the SPECIAL TIME pad after selecting a cycle. The display will read "St:***", where "****" is the drying time. This time can be changed by pressing the MORE or LESS pad. For one minute changes, press the pad and release. For five minute changes, press the pad and hold. Maximum drying time allowed is 60 minutes.

"AC:***" will be displayed when tumbler is in Auto Cool Down. Typical Cool Down times for fabric selections are preset. The Cool Down time can only be altered before cycle is started. To alter Cool Down time press the COOL DOWN pad and then press the MORE or LESS pad (when Cool Down time is altered, "TC:***" will be displayed). For one minute changes, press pad and release. For five minute changes, press pad and hold. Cooling time can be from 1 to 39 minutes. To return to the Auto Cool Down, press MORE or LESS pad until "AC:***" is displayed.

To start the cycle, press START. The total drying time plus Cool Down time will display. During the cycle, remaining time displays.

Security Lock-Out

The programming pads can be "locked-out" so operators cannot change cycles on their own. When lock-out is used, the operator can use only the factory-set Automatic cycles and the one Custom cycle allowed per SELECT pad. Before using lock-out, create all desired Custom cycles.

To lock-out, hold SIGNAL pad and press MORE in the idle mode.

To unlock, hold SIGNAL pad and press LESS in the idle mode.

Show Mode

This mode will show all LEDs and light up entire display while deactivating all pads. This mode allows loading door to be opened and closed. To enter this mode, the control must first be in the idle mode. Hold the START pad and press the SAVE CUSTOM pad. To exit Show Mode, hold the START pad and press the SAVE CUSTOM pad.

Temperature Sensor

To test the temperature sensor, hold COOL DOWN pad and press the TEMP pad in the idle mode. This will show the temperature detected by the control.

“SH” displays and signal sounds if the temperature sensor is shorted or sensor temperature is over 200°F (93°C). Press the STOP/RESET pad twice within three seconds and allow the tumbler to cool, then press an ON/SELECT pad. If “SH” still displays, call for service.

“OP” displays and signal sounds three minutes after the tumbler is started if the temperature sensor is faulty or if a temperature below 24°F (-4.4°C) is detected. If dryer temperature is above 24°F (-4.4°C), call for service.

NOTE: To display the software revision level, hold the AUTO pad and press the TIME pad while the control is in idle mode.

Temperature Adjustment

Selecting a fabric type selects a preset ideal temperature for that fabric. Lower temperatures may be needed for small loads or when air flow through the tumbler is less than ideal due to inadequate make-up air or exhaust ducting.

Whenever the control is on, but not in No Heat, Cool Down or Load Ready, pressing the TEMP pad displays the three digits of the set temperature. Use the MORE or LESS pad to increase or decrease the temperature.

Temperature Display (°F/°C)

To select between Fahrenheit and Celsius display, hold in the TEMP DISPLAY pad while pressing the TEMP pad.

NOTE: Temperature can be set from 80°F (27°C) to 180°F (82°C) in the SPECIAL CYCLE and SPECIAL TIME options only.

To include an adjusted temperature in a Custom cycle, simply adjust temperature before pressing CUSTOM.

Cylinder Temperature Display

To see the approximate temperature at the exit of the cylinder, press and hold the TEMP DISPLAY pad (50 to 170 pound models only). For 0220, 0270 and 0350 models, the control program temperature for the active cycle will be displayed when pressing TEMP DISPLAY pad.