

PROGRAMMING MANUAL

DOC NO. 487 14 59 61 REV. 03
US



TD50_{RMC}, TD75_{RMC} Basic-3 Control Wetcleaning

Wascomat provides efficient washers, dryers, flatwork ironers and wetcleaning systems in a size and model for every laundry and wetcleaning need!



Wascomat Laundry Equipment

516-371-4400 • www.wascomat.com

WASCOMAT CUSTOMER SUPPORT

Whether you need spare parts or technical advice to guide you to the source of a malfunction, our nationwide network of authorized dealers are able and ready to serve your needs, or call the Wascomat Customer Service Hotlines listed below.

SPARE PARTS

516-371-2000

Before ordering parts, refer to the Wascomat spare parts manual (also available on www.wascomat.com) to determine the part number(s) for the item(s) you need.

For quick service, please have the following information available:

1. Part Number of the item(s) you need.
2. Model of the machine.
3. Serial number of the machine.
4. Electrical data for the machine:
 - 120 or 208-240 Volt?
 - Single or three phase?
 - 50 or 60 Cycle?

To insure parts order accuracy, only fax or email parts orders are accepted:

- Fax: 516-371-4029
- email: parts@wascomat.com

TECHNICAL SUPPORT

516-371-0700

For service information, first contact your local authorized Wascomat dealer.

Wascomat technical support can assist you or your technician to diagnose and repair your laundry machines over the phone. Please call from the location where the machines are installed (we suggest you use a cellular or cordless phone), and have the following information available:

1. Model of the machine.
2. Serial number of the machine.
3. Electrical data for the machine:
 - 120 or 208-240 Volt?
 - Single or three phase?
 - 50 or 60 Cycle?
4. An accurate description of the malfunction.

**To expedite parts order shipment, please use your credit card.
We accept: American Express, Mastercard, Visa, Discover, Diner's Club.**

WARRANTY CLAIMS

Wascomat's Technical Support staff will honor valid manufacturer's parts warranty claims providing your Wascomat machines are registered for warranty coverage upon installation. If they are not registered, you can validate your warranty claim by providing information about when and where you purchased the Wascomat machine(s), the model and serial number(s). Additional warranty proof may also be required.

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Programming is only to be carried out by qualified personnel.



The manufacturer reserves the right to modify design and material specifications without notice.

General

At the factory, the dryer has been set to specific values for:
Time, temperature, cooling, reversing, etc.

To change the preset parameters switch the electronic control
to the programming mode.

The display will then read **SP** and the 3 keys can now be used
to change the parameters.

Adjustable parameters

- 00. Machine type
- 01. - 03. Temperature
- 04. Temperature hysteresis
- 05. Time interval
- 06. Max. running time or "coin 2"
- 07. Running time between reversals
- 08. Cooling time
- 09. - 11. Residual moisture levels
- 12. - 14. Extra drying time



Caution



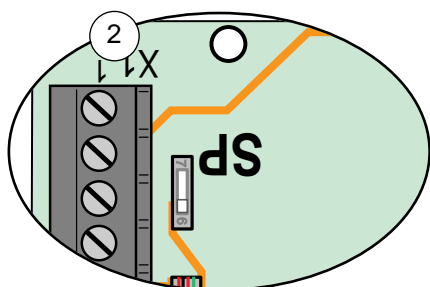
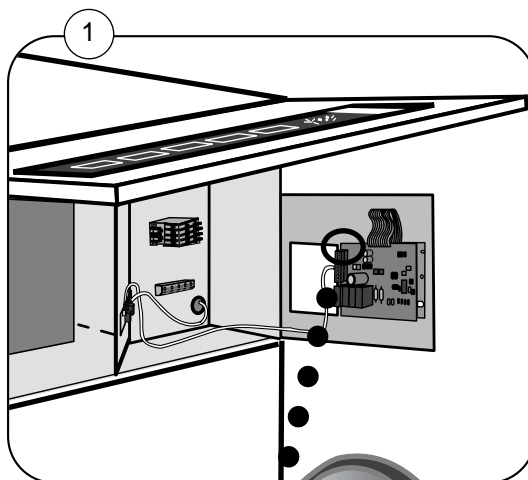
The control circuit board
in this dryer contains haz-
ardous voltages. Refer
servicing to qualified per-
sonnel.

Note !!

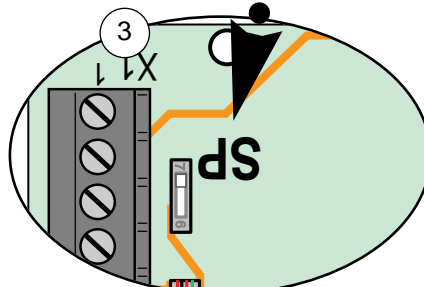
If Programming is activated
when the machine power is
subsequently switched on, a
test and diagnosis program
will start.

Switching to Programming mode

1. Open the loading door (the door must be kept open), fig. 1.
2. Open the door of the control panel.
3. Move the switch on the circuit-board to position **SP**, fig. 3.
4. Program the dryer as described on following pages.
5. End of programming. Move the switch back to normal mode, fig. 2.

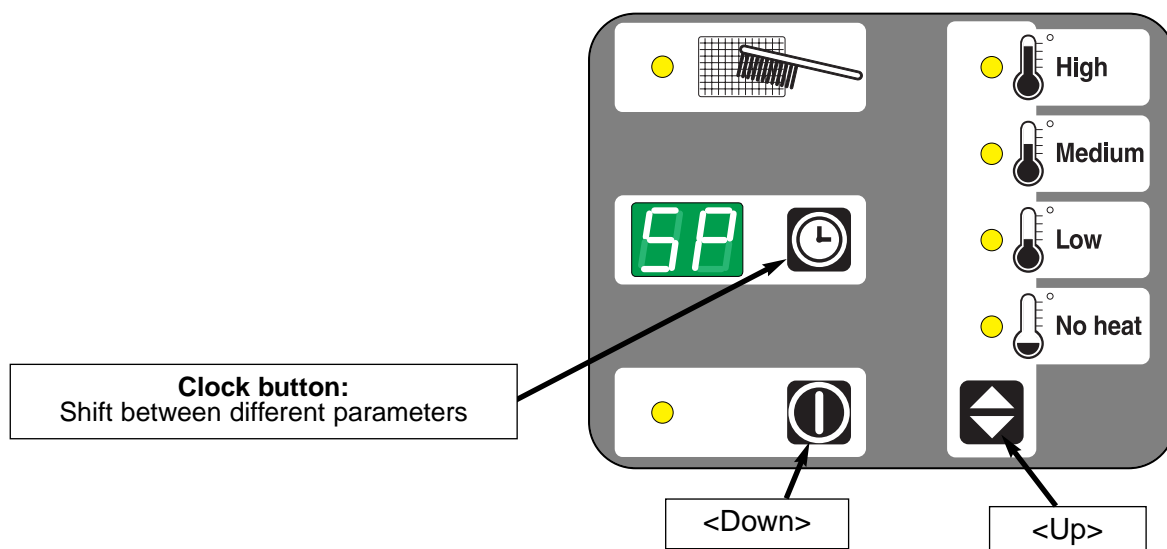


Normal mode



Programming mode

Control panel in Programming mode



Changing parameters

Changing of machine type

Press the clock button; the display will read **00.**

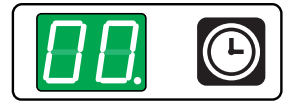
The first parameter **00.** = machine type.

The parameter numbers are shown for two seconds with a dot after the last digit.

After two seconds the machine type selected will be displayed.

79 = Wetcleaning

The machine type can be changed by using the buttons to count up or down.



Changing parameters

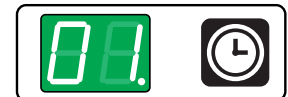
When the machine type has been selected, push the clock button; parameter **01.** will be displayed.

After two seconds a value is shown which can be changed by means of the count up/down buttons.

Now press the clock button again; the next parameter will be displayed.

After two seconds a value is shown which can be changed by means of the count up/down buttons, etc....

It is possible to scroll the parameters by pushing the clock button repeatedly.



Parameter 00. Machine types

Parameter	Designation	Factory setting	Comments
00.	Dryer with Wetcleaning	79	

Parameter 01.- 03. Temperature setting

Parameter	Designation	Range	Step	Factory setting °C	Comments
01.	Temperature High	32 - 80°C	1°C	70	Air outlet temperature High (185°F)
02.	Temperature Medium	32 - 80°C	1°C	60	Air outlet temperature Medium (140°F)
03.	Temperature Low	32 - 80°C	1°C	50	Air outlet temperature Low (122°F)

Parameter 04. Temperature hysteresis

Parameter	Designation	Range	Step	Factory setting °C	Comments
04.	Temperaturhysteresen	01 - 10°C	1°C	02	Difference between heat on or off (3.6°F)

Parameter 05. - 06. Time setting

Parameter	Designation	Range	Step min	Factory setting	Comments
05.	Time Interval	0,1 - 9,9 min 10 - 90 min	1/10 1	3.0	Running time per coin insert / push if time-controlled.
06.	Max. running time or Time interval coin 2 (double coin inlet)	0,1 - 9,9 min 10 - 90 min	1/10 1	45	**

** Note ! If maximum running time on a manual machine is changed to 30 minutes, the machine cannot choose to more than the maximum time, ie 30 minutes.

Parameter 07. Reversing

Parameter	Designation	Range	Step min	Factory setting	Comments
07.	Running time between reversals.	01 - 9,9 min	1/10	5.0	Change the setting by 1/10 minute per push.

Parameter 08. Cooling down time

Parameter	Designation	Range	Step min	Factory setting	Comments
08.	Cooling down time	00 - 10 min	1	03	Running time without heat at end of cycle.

Parameter 09. - 11. Residual moisture level

The measurement of residual moisture level consists of a combined parameter set for residual moisture + a parameter for extra drying time.

The values for residual moisture are given in hexadecimals (05-F0).

See explanation on following page.

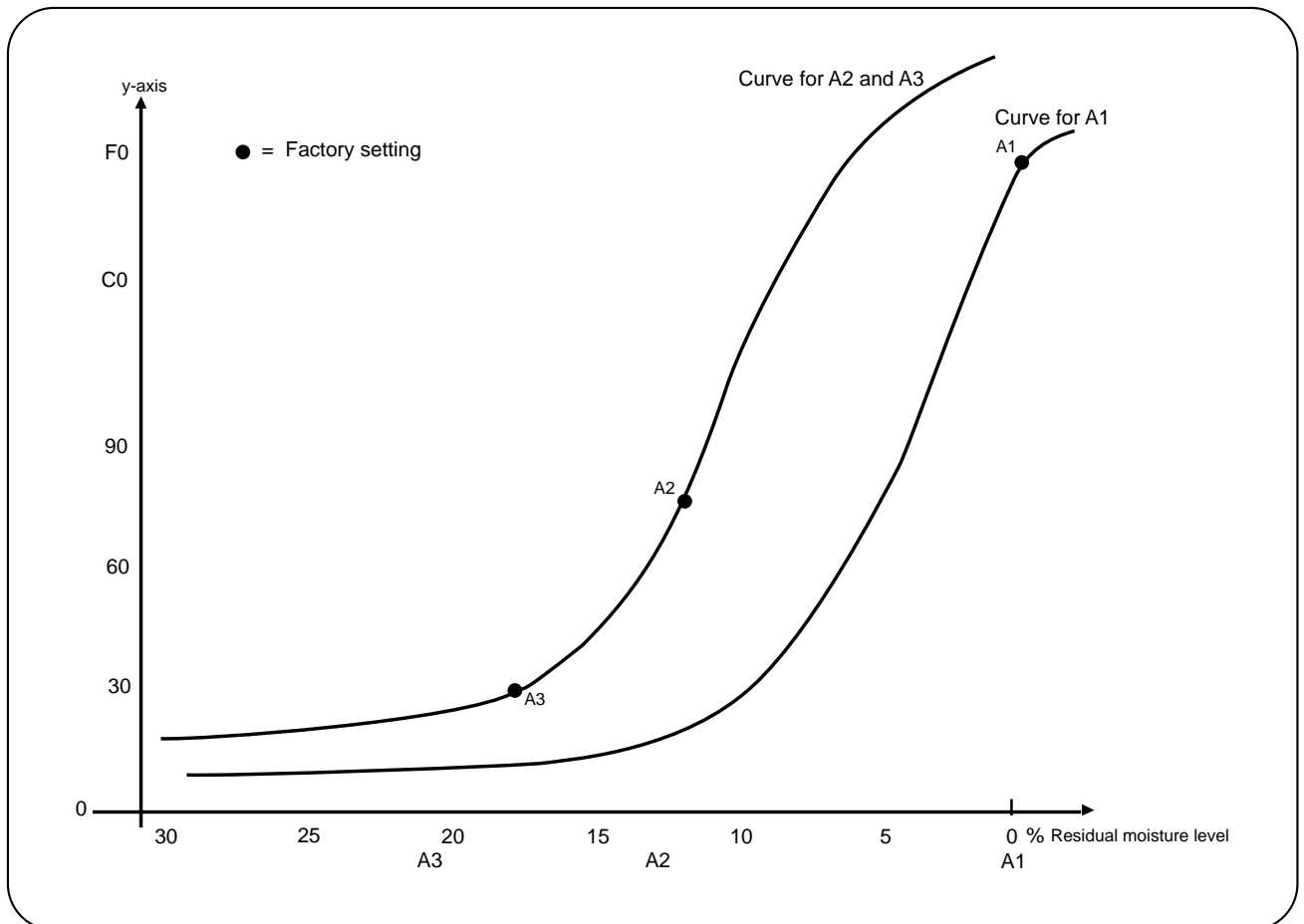
Parameter	Designation	Range	Step	Factory setting	Comments
09.	A1 moisture level	05 - F0	-	F0	Parameter 09. + parameter 12.
10.	A2 moisture level	05 - F0	-	70	Parameter 10. + parameter 13.
11.	A3 moisture level	05 - F0	-	30	Parameter 11. + parameter 14.

Parameter 12. - 14. Extra drying time

Parameter	Designation	Range	Step min	Factory setting	Comments
12.	A1 extra drying time	00 - 20 min	1	03	Parameter 09. + parameter 12.
13.	A2 extra drying time	00 - 20 min	1	00	Parameter 10. + parameter 13.
14.	A3 extra drying time	00 - 20 min	1	00	Parameter 11. + parameter 14.

Residual moisture level

Measurement principle

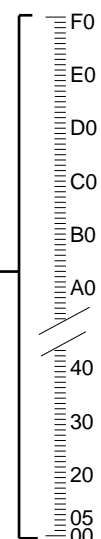


Explanation of Y-axis (hexadecimal)

The values for residual moisture are shown in the display in so-called hexadecimal format - a series of numbers covering a total of 16 values for each digit (0,1,2,3,...,9,A,B,C,D,E,F). A total of 236 values can be shown in two digits.

If the clothes are not dry enough, add increments by using the "count up" button.

Total:
236 increments



Error codes

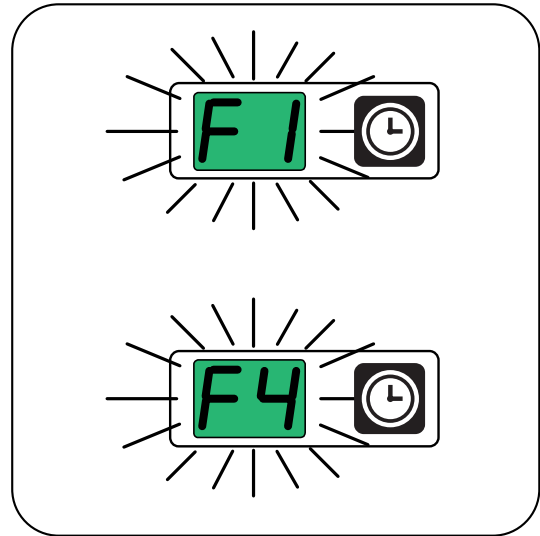
The machine has an automatic error report function displayed by means of error codes.

F1 = Setting of machine type is missing

- “F1” is shown while the print board is being changed
- “F1” is shown if the power is connected to the machine while the service program is active.

F4 = The thermal sensor is disconnected

Loose or broken connection.



Running hours counter

The machine is equipped with a running hour counter to track all the complete hours that the machine has been in operation.

The running hours read-out (a 6-digit number) is given in the display.

Running hours are shown each time the power is connected to the machine.

Example of machine having run for 12796 hours:

Switch the machine off and on again.

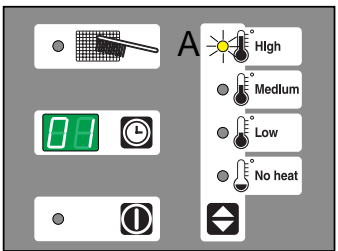
After approx. 10 seconds

Time:
10 sec.

the first two digits of a 6-digit number
01 — — are shown, and at the same time,
lamp **A** lights up.
After 4 seconds, the lamp and the two digits
are turned off.

4 sec.

01 -- --



After a two-second pause

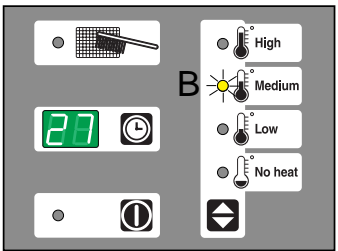
2 sec.

-- -- --

the next two digits – **27** – show while
lamp **B** is lit. After 4 seconds, the lamp
and the two digits are turned off.

4 sec.

-- 27 --



After a two-second pause

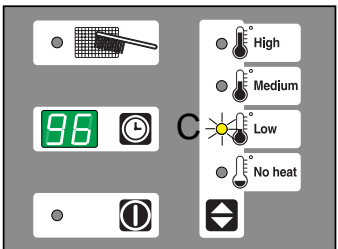
2 sec.

-- -- --

the last two digits, — — **96** are shown,
with lamp **C** lit, for 4 seconds.

4 sec.

-- -- 96



= 012796

Altogether, the machine has been in
operation for 01-27-96 = 12796 hours.
The machine is now ready for use.

When reliable laundry and wetcleaning equipment is desired, the choice is Wascomat!

The world's oldest and leading manufacturer of commercial laundry equipment for coin laundries, hotels, motels, nursing homes and any other institutional laundry use, and the environmentally safe, wetcleaning “dual-use” systems for drycleaners.

WASCOMAT PROVIDES “PEACE OF MIND GUARANTEE”

Backed by a company that's been in the laundry equipment business for over 100 years and has earned a reputation as the standard of quality worldwide, Wascomat dealers provide:

- Free survey of your laundry needs
- Laundry design and layout
- Quality laundry equipment in a size and model for every need
- Installation, start-up and training
- Worldwide parts and service
- Best warranty in the business
- **“Lease-a-Laundry Program”**, which includes the laundry equipment installation and ongoing service

EXPAND, MODERNIZE, RETOOL OR BUILD A NEW LAUNDRY WITH LOW-COST FINANCING OR LEASING FROM WASCOMAT*

With Wascomat/Viking financing or leasing you can obtain and install durable, efficient, state-of-the-art Wascomat washers, dryers and non-polluting, environmentally-friendly wetcleaning equipment to meet all anti-pollution regulations.

For more information and to apply for financing or leasing, call Viking Financial Services LLC 1-800-645-2209

Wascomat provides efficient, quality washers, dryers, flatwork ironers and non-polluting wetcleaning equipment.

FRONT-LOAD WASHER MODELS

Solid and soft-mount, coin operated and commercial laundry washers in standard, high and ultra-high extract models. Designed for long life and efficient water and energy use. **Available from 18 to 250 lb. capacities.**

SIDE-LOAD WASHER MODELS

Pullman, Side-Load, Barrier and Clean Room washer models with high 300 to 350 G-Force extraction, designed and built for long, trouble-free life and big water and energy savings. **Available from 55 to 250 lb. capacities.**

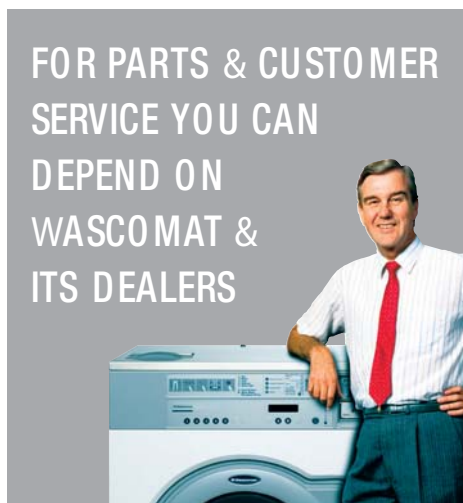
GAS EFFICIENT DRYER MODELS

Coin operated and commercial energy and gas efficient, user friendly TD dryer models with optional unique Wascomat Residual Moisture Control (RMC). **Available in a size and model for every laundry need.**

AUTOMATIC FLATWORK IRONERS

A unique one-operator fully automatic, labor saving, ironer that does it all: feeds, irons, folds, stacks and counts. Also available in fully and semi-automatic models **in a size and model for every laundry need.**

FOR PARTS & CUSTOMER
SERVICE YOU CAN
DEPEND ON
WASCOMAT &
ITS DEALERS



WASCOMAT NON-POLLUTING WETCLEAN EQUIPMENT

The best alternative to Perc, uses water and complies with OSHA, EPA and all other environmental, anti-pollution regulations. Wascomat state-of-the-art wetclean technology eliminates all pollution concerns and provides the best wetcleaning and washing results. **Available in a size and model for every wetcleaning need.**

With the push of a button, the unique **Wascomat "Dual-Use" Wetcleaner** converts to an ideal laundry washer for washing shirts, comforters, drapes, all other washable garments and cleaner's wash-dry-fold customer service.



WASCOMAT PROVIDES THE BEST CUSTOMER SERVICE WITH EXPERIENCED WORLDWIDE CUSTOMER SUPPORT, WITH AN OVER 100- YEAR TRACK RECORD.

WASCOMAT/VIKING FINANCIAL SERVICES PROVIDES LOW COST FINANCING AND LEASING* FOR YOUR BUSINESS GROWTH.

For more information call Wascomat at 516 - 371 - 4400



Wascomat Laundry Equipment

The Standard of Quality for Over 100 Years!

* For qualified applicants and equipment only.