Programming manual

Selecta Control

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EN

T4290, T4530, T4650,
T4900, T41200, T4300
TD30, TD50, TD75,
TD100, TD135, TD30x30
T4250 from machine no. 23350/0006970
T4350 from machine no. 23250/0003715

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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.

To gain access to the circuit board open the keypad panel or removing the topplate (depending on the dryer type).

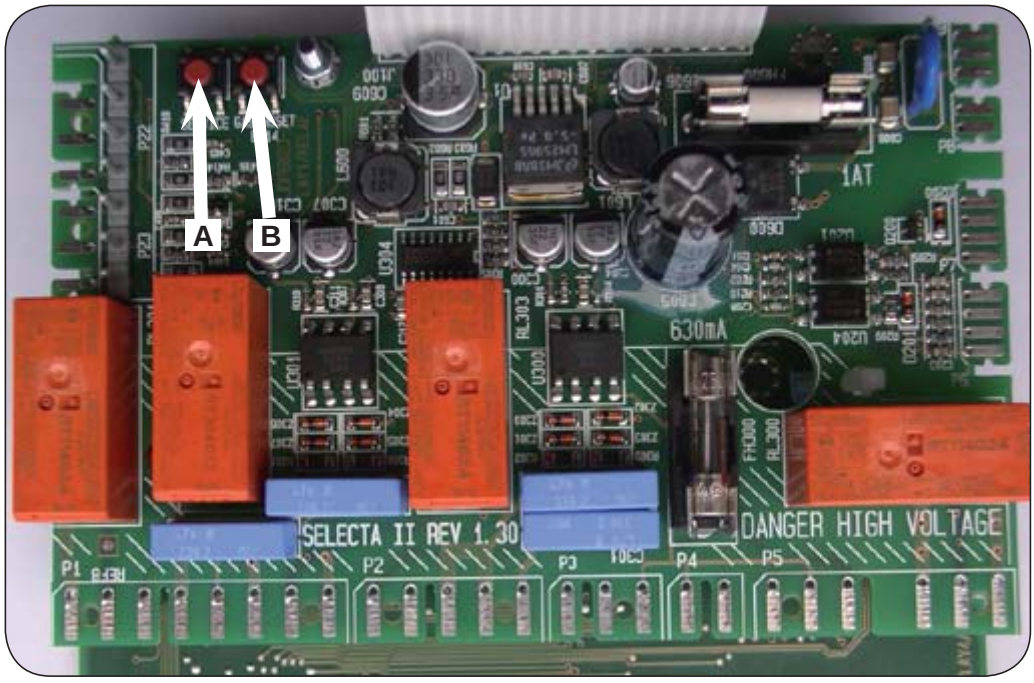
A = Service button, see next page.

B = gas reset button, see end of manual.

High voltage on the printed circuit board

Do not touch the printed circuit board

The shaded areas indicate high voltage.



Switching to Programming mode

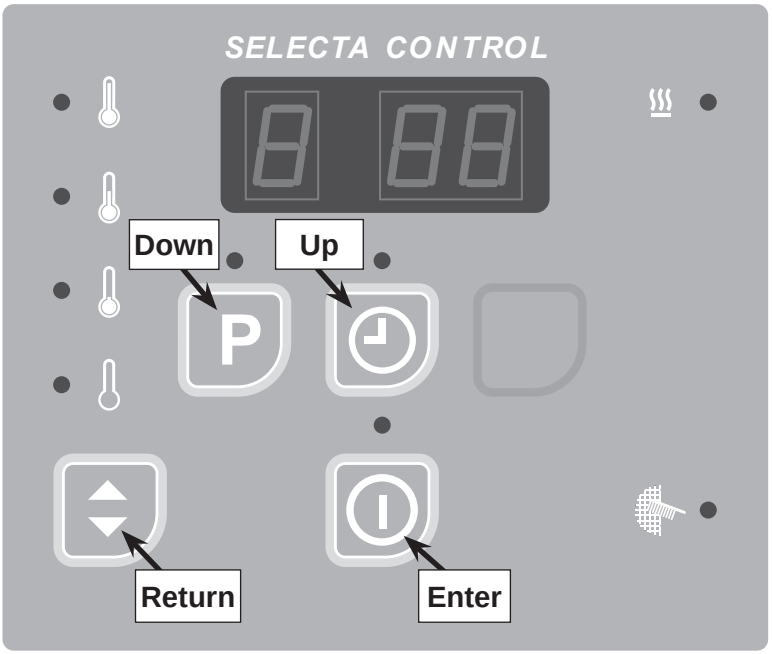
1. Press service button **A**.

   After pressing the service button **A** the display shows:
   0 -- = Group 0.

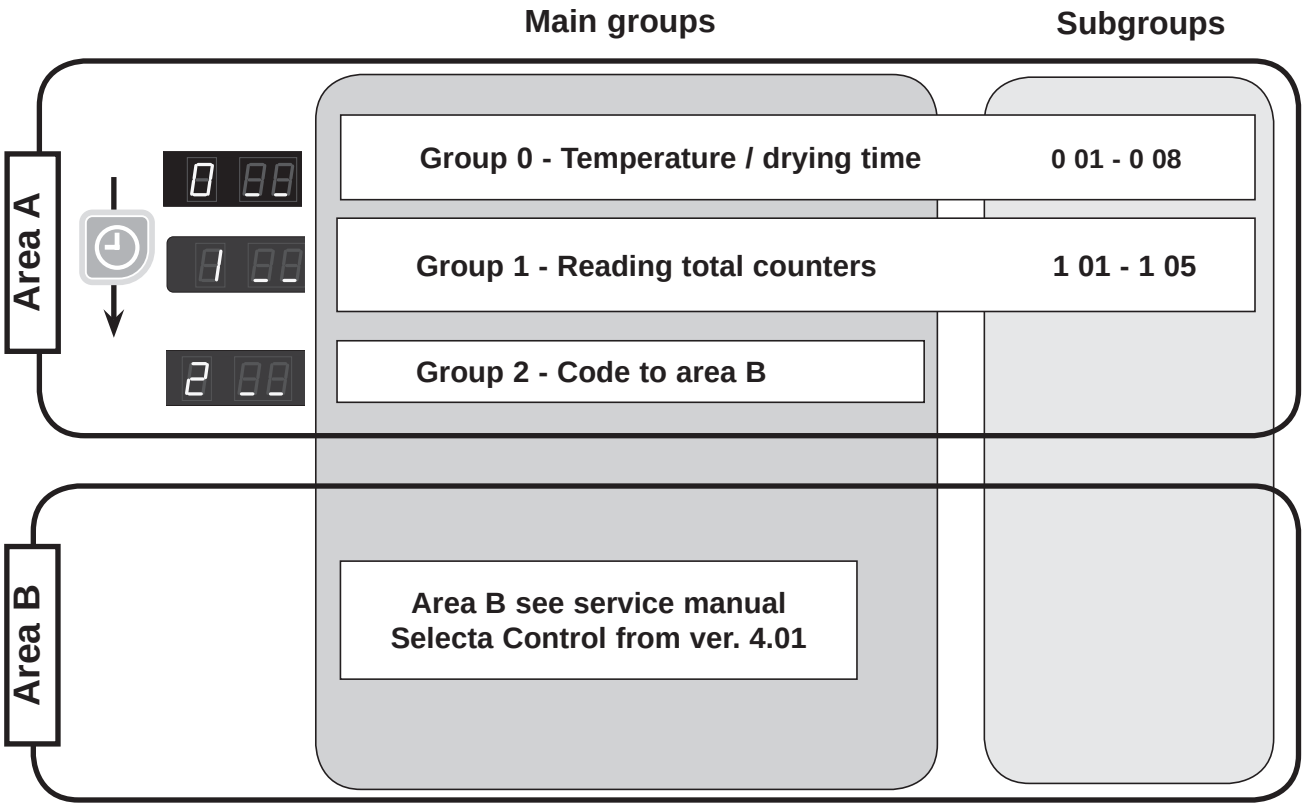
   On the dryer operating panel the buttons might not have any symbols in which case they are only usable when the dryer is in service mode.

   In service mode the 4 buttons are used for changing the parameters, as shown on the picture.

2. Program the dryer as described on the following pages.



Quick-diagram



Group 0

Adjustable parameters:

- **0 01** **High** temperature
- **0 02** **Medium** temperature
- **0 03** **Low** temperature
- **0 04** **No heat** (option)
- **0 05** Discount (coin only)
- **0 06** Time per push or coin
- **0 07** Time per coin 2
- **0 08** Min. time before start (coin only)

Group 1

Readable parameters:

- **1 01** Hour counter - permanent
- **1 02** Hour counter - resettable
- **1 03** Hours until next service
- **1 04** Total coins inserted, coin 1
- **1 05** Total coins inserted, coin 2

Note!

If a mistake is made or confusion arises while programming the dryer, press the service button and start again.

During the programming process, **Enter** is used to save new settings.

If you leave programming mode before pressing **Enter** to save a new setting, the original value will be retained.

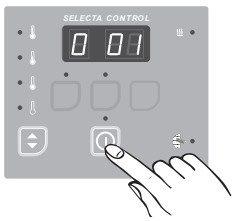
Changing of parameters in Group 0

Adjusting drying time

1. Press **Enter**.
   The display shows **0 01**, indicating **Group 0**, parameter location **01** = **High** temperature.
2. Press **Up** to reach parameter location **0 06**.
   This is the parameter location for the **Time per coin or push** value. The value in this location is the number of drying minutes that will be added when a coin is deposited (coin machines) or **Up** is pushed.
3. Press **Enter** to enter this location and view its contents.

   Note: The flashing bar at the bottom of the left digit indicates that this is a two-digit parameter (0 to 99 minutes).
4. Press **Enter** again to select this value for editing. The current value 10 will begin to flash.
5. Press **Down** to lower the value or **Up** to increase it.
   Here the value has been reduced to 8 minutes per coin.
6. Press **Enter** to save the new value.
7. Press service button **A** when the programming is done.
8. Assemble and test the dryer.

1.



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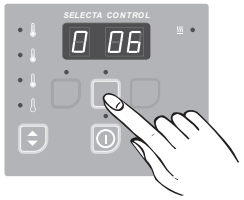

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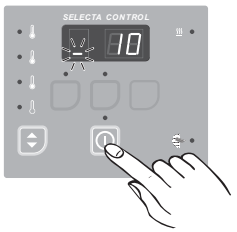

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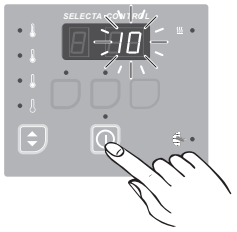

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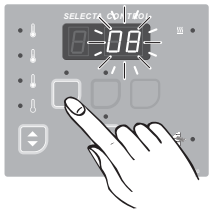

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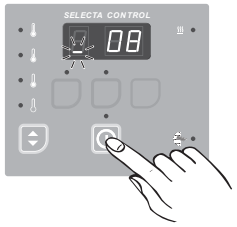

Adjusting operating temperatures

1. Press **Enter**.
   The display shows **0 01**, indicating **Group 0**, parameter location **01** = **High** temperature.
2. Press **Enter** again to enter this parameter location. The display shows _ **70** (°C).

   Note: The flashing bar at the bottom of the left digit indicates that this is a two-digit parameter
3. Press **Enter** key to edit this parameter value. The “70” will begin to flash.
4. Press **Down** to lower the value or **Up** to increase it.

   Note: The **Up** and **Down** may be pressed and held to make more rapid value changes.
5. Press **Enter** key to save the new value

   In this example, the **High** temperature has been changed to 65°C. The value is saved when the parameter stops flashing and the flashing _ reappears in the left digit.
6. Press **Return** to leave this parameter.
7. To adjust the **Medium** or **Low** temperature, press **Up** to go to the proper parameter location.

   Location **0 02** is the **Medium** drying temperature (factory set to 60°C).
   Location **0 03** is the **Low** drying temperature (factory set to 50°C).
   Press **Down** to go back if you pass the desired location.

   Press **Enter** to enter and edit the **Medium** or **Low** temperature, as described in steps 3-5.
8. Press service button **A** when the programming is done.
9. Assemble and test the dryer.

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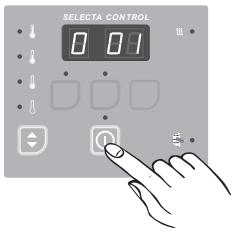

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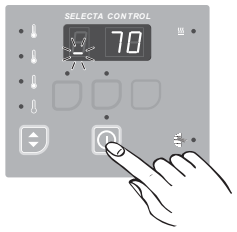

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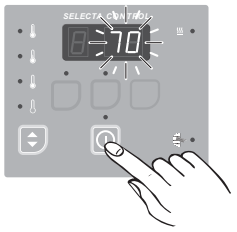

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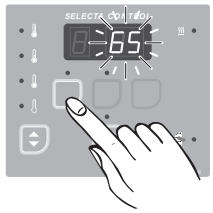

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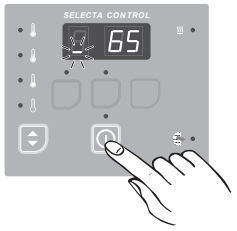

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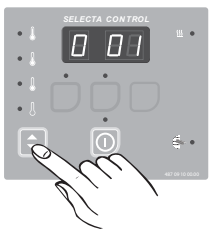

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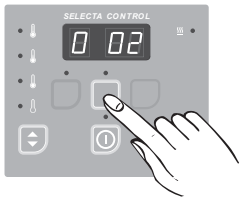


Reading the hour counter in Group 1

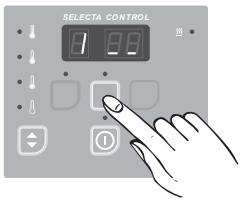
Example:

1. Press **Up**.
   The display shows **1** _ _ indicating **Group 1** = Reading total counters
2. Press **Enter**.
   The display now shows **1 01** indicating **Group 1**, parameter **01** = Permanent total hour counter.
3. Press **Enter** again to enter this parameter location.
   The display shows **- 00**.

   Note: The flashing bar in the top of the left digit indicates that these are the first two digits of a six-digit parameter value (00 xx xx hours).
4. Press **Down**.
   The display shows **- 02**. The flashing bar at the middle of the left digit now indicates that these are the two middle digits of the six-digit hour counter (00 02 xx hours).
5. Press **Down** again.
   The display now shows **_ 08**. The flashing bar at the bottom of the left digit now indicates that these are the last two digits of the six-digit hour counter (00 02 08 hours).

   In this example the total hour counter shows that the dryer has operated for 208 hours.
6. Press service button **A** when the programming is done.
7. Assemble and test the dryer.

1.



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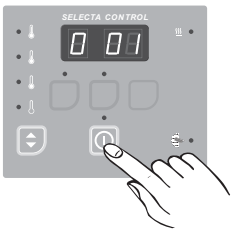

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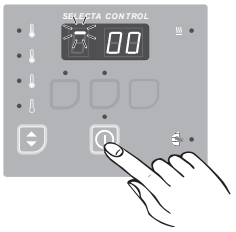

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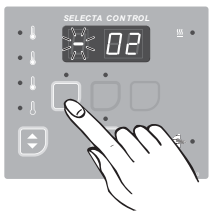

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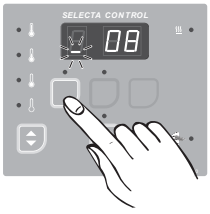

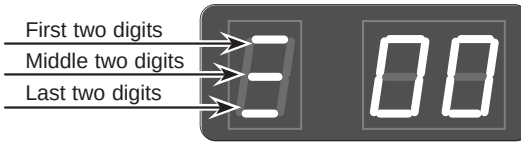

Parameter overview- Area A

Group 0 - Setting temperatures and drying time

Para-meter	Designation	Range	Step	Factory setting	Comments
0 01	High temperature	30 - 70°C	1°C	70	Air outlet temperature High
0 02	Medium temperature	30 - 70°C	1°C	60	Air outlet temperature Medium
0 03	Low temperature	30 - 70°C	1°C	50	Air outlet temperature Low
0 04	No heat temperature	-	-	-	
0 05	Discount	0 - 99 mins.	1 min.	5	Only on coin operated dryers
0 06	Time per push or coin 1	1 – 90 mins.	1 min.	15	Time interval
0 07	Time per coin 2	1 – 90 mins.	1 min.	30	Time interval
0 08	Min. time before start	1 – 20 mins.	1 min.	0	Only on dryers with payment

The outlet temperature in parameters **0 01 - 0 03** must have a max. setting of 70°C

To move from group 0 to group 1 press <Return> till **0 _ _** and then press <Up> until **1 _ _**

Group 1 - Reading total counters

Para-meter	Designation	Range	Step	Factory setting	Comments
1 01	Hour counter	0 – 999999 hrs.	-	0	Permanent total hour counter
1 02	Hour counter	0 – 999999 hrs.	-	0	Resettable trip hour counter
1 03	Service hour counter	0 – 999999 hrs.	-	0	Hours before next service
1 04	Coin counter 1	0 – 999999 coins	-	0	Total no. of coins inserted (coin type1)
1 05	Coin counter 2	0 – 999999 coins	-	0	Total no. of coins inserted (coin type 2)

Error codes

The dryer is equipped with an automatic diagnostic system.

Operating problems are displayed as blinking error codes

E 03 The inlet sensor has short circuited

E 04 The outlet sensor has short circuited

E 05 Motor 1 – overheating fuse

E 06 Motor 2 – overheating fuse

E 07 Option

E 08 Overheating – in or outlet air

E 09 Option

E 10 Programming missing/incorrect

E 11 RMC drying error. The RMC program was not finished within 90 min.

E 12 Autostop drying error. The Autostop program was not finished within 90 min.

E 14 Gas error. When resetting gas error the dryer must be in operation on a program with heat, and the heat indicator must be on. The dryer must only be reset three times. If the dryer, however, has to be reset more than three times it has to be put out of order and a service technician must be called.

E 15 Vacuum switch: Does not close within 12 seconds. Reset: Press **Start**

E 16 Vacuum switch: Does not open

E 17 Inlet sensor disconnected

E 18 Outlet sensor disconnected

E 20 CMIS out of order

E 21 CMIS com module error

E 22 LM10 com module error

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