

# Residual Moisture Control Basic III Quick Programming Guide

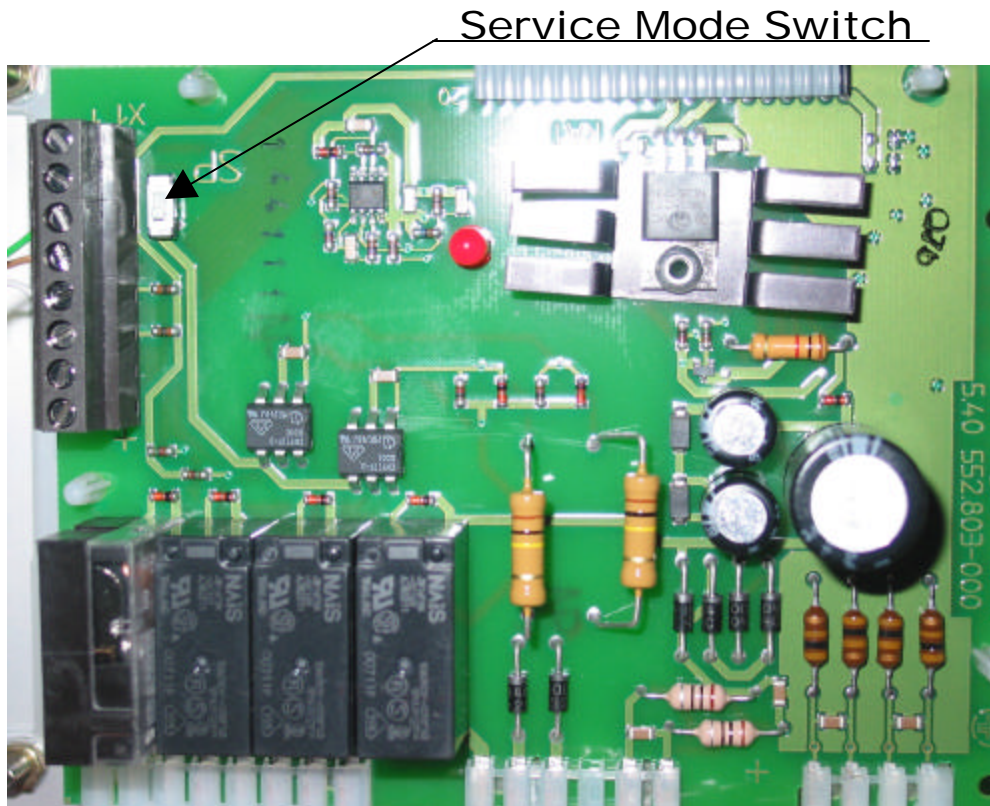
## General

Residual Moisture Control (RMC) is a standard feature of Wascomat WetCleaning system dryers. It is also available on dryers that are not configured for WetCleaning. For the purposes of programming the dryer, the only difference between the two types of dryer is that on WetCleaning machines, programs are designated A1, A2 and A3. On non-WetCleaning dryers, the programs are designated P1, P2 and P3.

To re-program the dryer you must first enter the **SERVICE PROGRAM**.

## ENTERING THE SERVICE PROGRAM

Unlock the service panel at the top of the dryer and open the panel. Use the support rod to keep the panel open while you are programming. Swing the control panel out so that you can access the back side of Display Circuit Board. **OPEN THE DRYER LOADING DOOR**. Move the **SERVICE MODE SWITCH** up.



The display on the control panel will read **SP**. As you successively press the **CLOCK BUTTON**, the display will cycle through numbers 00 to 14 where each number identifies a programmable machine parameter. The **PARAMETER NUMBER** remains displayed for two seconds after which the display changes to show the current value of the selected parameter. Table 1 shows the **PARAMETER NUMBERS**, the programmable range of values for each parameter and the factory setting.

Table 1

TD530/50/75 RMC Programming Parameters			
Parameter Number	Parameter Name	Description	Factory Setting
00	Machine Type	10 - Timed without Reversing 30 - Timed with Reversing 50 - RMC without Reversing 70 - RMC with Reversing 79 - WetClean with Reversing	N/A
01	High Temperature	35°C - 85°C in 1° increments	70°C
02	Medium Temperature	35°C - 85°C in 1° increments	60°C
03	Low Temperature	35°C - 85°C in 1° increments	50°C
04	Temperature Hysteresis	1°C - 10°C in 1° increments	02°C
05	Run Time per Push	0.1 min - 9.9 min in 0.1 min increments 10 min - 90 min in 1 min increments	15 min
06	Maximum Run Time	0.1 min - 9.9 min in 0.1 min increments 10 min - 90 min in 1 min increments	60 min
07	Time between Reversals	0.1 min - 9.9 min in 0.1 min increments	5.0 min
08	Cool-Down Time	0 min - 10 min in 1 min increments	03 min
09	Residual Moisture Setting for P1 or A1	05 - F0 in increments of 1 (hexadecimal)	P1 = F0 A1 = F0
10	Residual Moisture Setting for P2 or A2	05 - F0 in increments of 1 (hexadecimal)	P2 = F0 A2 = 70
11	Residual Moisture Setting for P3 or A3	05 - F0 in increments of 1 (hexadecimal)	P3 = 30 A3 = 30
12	Extra Dry Time For P1 or A1	0 min - 20 min in 1 min increments	P1 = 9 min A1 = 3 min
13	Extra Dry Time For P2 or A2	0 min - 20 min in 1 min increments	P2 = 0 min A2 = 0 min
14	Extra Dry Time For P3 or A3	0 min - 20 min in 1 min increments	P3 = 0 min A3 = 0 min

## **PROGRAMMING PARAMETERS**

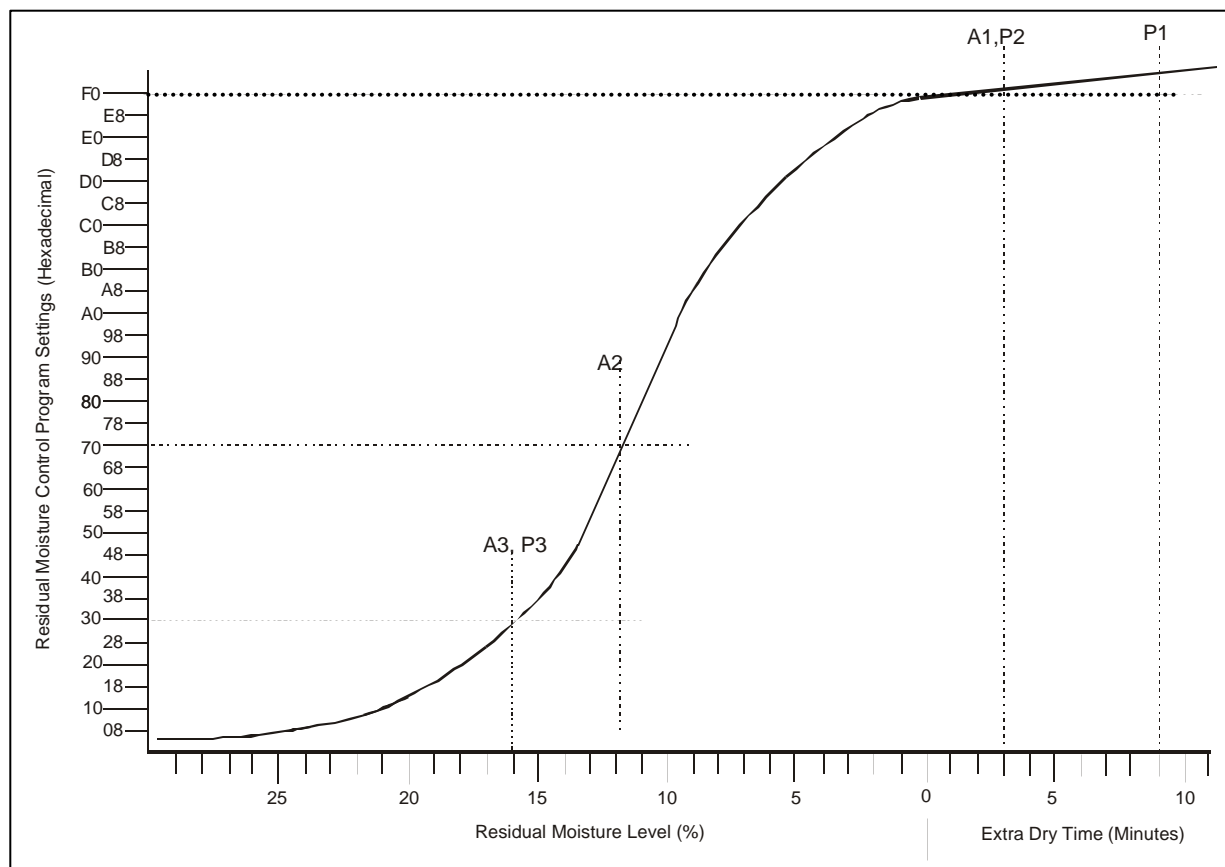
Select the parameter you want to change by pressing the **CLOCK BUTTON** until the desired **PARAMETER NUMBER** is displayed. Wait 2 seconds until the current value for that parameter is displayed.

Press the **TEMPERATURE SELECT BUTTON** to increase the parameter value or the **START BUTTON** to decrease the parameter value.

When you have finished setting one parameter, press the **CLOCK BUTTON** to go to the next one.

To change **RESIDUAL MOISTURE** values, use the **CLOCK BUTTON** to select **PARAMETER NUMBER 09, 10 or 11** depending on which program (A1, A2, A3, P1, P2, P3) you wish to change. Using the chart below, find the **RESIDUAL MOISTURE LEVEL** that you want on the horizontal axis. From that point, draw a vertical line up to intersect the program curve. From the intersection point draw a horizontal line to the vertical axis. The value at the vertical axis intersection is the new hexadecimal value for the parameter. The program points shown on the chart are the factory preset values.

If your value falls between the tick marks on the vertical axis, you can obtain the correct value by interpolating between tick marks. The tick marks are spaced at intervals of 8 (hexadecimal). To interpolate a value between **A0** and **B0**, for example, the values are **A0 A1 A2 A3 A4 A5 A6 A7 A8 A9 AA AB AC AD AE AF B0** where bold type indicates the values at the tick marks. Likewise, the values from **50** to **60** are **50 51 52 53 54 55 56 57 58 59 5A 5B 5C 5D 5E 5F 60**.



When programming temperature values FOR THE High, Medium and Low Temperature settings (**PARAMETER NUMBERS 01, 02, 03**), remember that the values displayed are in Degrees Celsius (°C). Table 2 is provided to assist you in setting the desired Degrees Fahrenheit (°F) temperature

Table 2

Temperature Conversion	
(°F)	(°C)
90	32
100	38
110	43
120	49
130	54
140	60
150	66
160	71
170	77
180	82
185	85

When you have finished, move the **SERVICE MODE SWITCH** down to return the machine to the operating mode.