T028 – Aquastar PCB Replacement and Startup

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Aquastar PCB Replacement

When replacing an Aquastar PCB you must first set all 'A' values to default before re-programing the new board (see below).

First ENTER SERVICE CODE NUMBER press ↓ '3' ↓ divide the number displayed by 2, (to get the new service code number) press 'C' (to cancel the old number) and enter new code number (????) press 'E' (enter) the display will return to - - - - or clock. As detailed on the back page of the Aquastar manual.

Next SET ALL 'A' VALUES TO DEFAULT press ↓ '1' (display will show A1) use ↓ key to scroll to A4 press 'C' (cancel) Enter 256, press 'E' (enter) the display will return to clock

After setting all 'A' values to default you must again re-enter the service code (as above) before you can re-program the new board. Note - the service code will be different each time you do this as it is a random generated number.

Please refer to the Aquastar manual for full details.

Aquastar Startup (Basic)

ENTER SERVICE CODE NUMBER press ↓ '3' ↓ (divide number shown by 2) press 'C' (enter new code number) ????   press 'E' (display will return to - - - - or clock)

SET CLOCK TIME Press '7', press 'C', enter correct time (24 hour clock) press 'E' (time flashes on display alternating with r=25)

SET ALL 'A' VALUES TO DEFAULT press ↓ '1' (display will show A1) use ↓ key to scroll to A4 press 'C' Enter 256, press 'E' (display will return to clock)

ENTER SERVICE CODE NUMBER press ↓ '3' ↓ (divide number shown by 2) press 'C' (enter new code) ????   press 'E' (display will return to clock)

ENTER 'A' VALUES FOR A1 - 1(*)   **A2**-(TABLE A)   **A3**-(TABLE B)   **A4**-(TABLE C)
(*) Note if 2 Aquastars enter A1 of second Aquastar as 2

ENTER START NUMBER OF MILK METER in A11 (1 or number of first meter if 2 Aquastar)
ENTER NUMBER OF MILK METERS For each <u>Aquastar</u> in A30 (Only if Aquastar connected to Wash Reset Box)

CALIBRATE DOSING PUMPS FOR CHEMICAL QUANTITY
Press '1', press 'C', select pump number to be calibrated by entering '1', '2', or '3' and press 'E'
Vacuum pump will start. After Pr-0 shows on display press and hold '0'. Release after required amount of chemical is reached.   Note number of pulses.   Calibrate all 3 pumps in same manner

ENTER NUMBER OF PUMP PULSES In N5, N8 AND N11 (access N functions by pressing '4' and use ↓   key to scroll to required number. Press 'C' and enter correct number of pulses ??? press 'E')   Check all other N functions are set to 0000

ENTER WASH PROGRAMS A50, TO A79 (Table F Appendix 1-11) NOTE Only change values if default Wash Programs are not correct, see tech manual Appendix 1-3   (quick access to 'A50' press ↓   '1', '9', '50', 'E')

PRESS 'E' (enter) TO RETURN AQUASTAR TO STANDBY MODE.

START REQUIRED WASH PROGRAM

PRESET PROGRAM 1 PRESS WASH KEY   ONCE   (Pst 1. Will show in display) PRESS 'E'
PRESET PROGRAM 2 PRESS WASH KEY   TWICE (Pst 2. Will show in display) PRESS 'E'
PRESET PROGRAM 3 PRESS WASH KEY 3 TIMES (Pst 3. Will show in display) PRESS 'E'