

# DHW Dump Factory Notes

System Drop in Commands into Config

(R10i8s2)

(CC200 S/W Ver 18.05.13)

(cc100 s/w Ver 18.05.13)

(DHW Priority / Back Boiler / Cooling Basic –

All now via purchasable software modules

(Embedded Config (Euro 4) NOT required )

R10i8s2 Replaces, R10i8, R10i8D, R10i8DB, R10DCM

# **Ver 18.05.13**

**Compatible with Previous version 18.04.00 (System Compartmentalised) and onward :**

- cc200 (Touch Screen sw) and cc100 (PC Application) go together  
.dat files have a new arrangement
- cc200 (Touch Screen sw) will work with previous version of Ver 18 stats and I/O Boards

## **New Features**

- Remote Access Now available on this version
- Facility to purchase Encrypted code from CCL to update touch screen with extra software e.g. DHW Priority / Back Boiler / Cooling / Timers / Remote Access / BMS

# I/O #1

DHW Dump : When Purchase , system drops in item in red  
 Comments  
 Input 1:8 Always ON  
 Input 1:2 then used as the Heat Dump Activation Signal  
 Input 1:2 "Short Circuit" = Dump Active  
 Input 1:2 "Open Circuit" = Dump Ignore  
 Relay 10 : Must be set up as the boiler by installer  
 Relay 8 can only be used as Heat Dump Pump activation and not a Zone

## Note: Highlighted in DHW DUMP Manual:

For DHW Dump to operate  
 Relay 8 can only be used as Heat Dump Pump activation and not a Zone

Relay 10 must be used as the boiler Overridden when DUMP in operation  
 This override of R10 applies to all relay board

Timer : Automatically Set  
 Relay 10 : 3 Min Off (Overrun)

# I/O #1

Relay Timers (Mins), Cycling		Cycle Interval (hrs)		Cycle Duration (mins)													
Relay	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
T ON								0		3	0	0					
T OFF								0		0		0					
Cycle																	

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# Activation .....

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

## I/O #2-8

DHW DUMP: When Purchase , system drops in the following in Red  
I/O #2-8  
Relay 10 –Override #1:-“Relay 1:12”

### Installer Notes - Manual:

Relay 10 must be used as the boiler Overridden when DUMP in operation  
This override of R10 applies to all relay board

Timer : Automatically Set  
Relay 10 : 3 Min Off (Overrun)

Relay Timers (Mins), Cycling

Relay 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

T ON

T OFF

Cycle

3  
0

Ena

Ovr

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## I/O #2

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## Comments :

### Operation

**Input 1:2 = Dump (Back Boiler) Enable (Board Type:R10i8s2)**

Operation: Software Module Missing = No Back Boiler operation

DHW Dump : When Purchase , system drops in commands including Input 1:2 as Override  
Input 1:2 then used as the Heat Dump Activation Signal  
Input 1:2 "Short Circuit" = Dump Active (**Back Boiler Active**)  
Input 1:2 "Open Circuit" = Dump Ignore  
Relay 8 will operate (I/O#1 Only) &  
Relay 10 -boiler overridden (On all I/Os)

### Note

For DHW Dump to operate

Relay 8 (I/O#1 only) can only be used as Heat Dump Pump activation and not a Zone

Relay 10 must be used as the boiler - Overridden when DUMP in operation

This override of R10 applies to all relay board