

SR868C8 setup

This guideline is to be used in conjunction with the manual included with the controller. All items used beneath are not explained in-depth, but just a quick keystroke for easy default settings.

Setting the time

Press Clock the **hour** indicator begins to flash
Press + or – until the desired hour is set.
Press Clock the **minute** indicator begins to flash
Press + or – until the desired minute is set.
Press Clock the **day** indicator begins to flash
Press + or – until the desired day is set.
Press Clock to complete the process.

Setting the default values

The SET button is used to enter into the settings tree, for selecting items, and to toggle between active or inactive on a given setting.

The + and – buttons are used for making adjustments to numerical values.

The ESC button is for accepting changes and climbing back up a menu level.

Adjust EMOF and EMON (collector over temp, not needed on evacuated)

1. Press SET the PWD screen appears, digit one is adjustable using +-
2. Press SET the PWD screen appears, digit two is adjustable using +-
3. Press SET the PWD screen appears, digit three is adjustable using +-
4. Press SET the PWD screen appears, digit four is adjustable using +-
5. Press SET DT O appears
6. Press + DT F appears
7. Press + tHET appears
8. Press + TEMP appears
9. Press SET EMOF appears
10. Press SET the existing value is shown (130)
11. Press SET --- is displayed
12. Press ESC to accept the change

Adjust CMX (Collector cooling function, not needed on evacuated)

If no longer in menu from above, repeat steps 1-9 from above.

13. Press + until CMX is displayed
14. Press SET the existing value is shown (110)
15. Press SET --- is displayed
16. Press ESC to accept the change

Adjust CFR (Collector frost protect if ever the manifold were to reach 5 degC)

If no longer in menu from above, repeat steps 1-9 from above.

17. Press + until CFR is displayed
18. Press SET the existing value is shown (---)
19. Press SET 05 is displayed
20. Press ESC to accept the change

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Adjust SMX (Geyser maximum temperature)

If no longer in menu from above, repeat steps 1-9 from above.

21. Press + until SMX is displayed
22. Press SET the existing value is shown (60)
23. Press + until 70 is displayed
24. Press ESC to accept the change

Adjust DVWG (Anti-legionella function)

If no longer in menu from above, repeat steps 1-8 from above.

25. Press + FUN is displayed
26. Press SET DVWG is displayed
26. Press SET the existing value is shown (OFF)
27. Press + ON is displayed
28. Press ESC to accept the change

Summary of changes

ITS Solar			
SR868-C8 Controller defaults			
Group	Variable	Existing value	New value
TEMP	EMOF	130°	---
	EMON	120°	---
	SMX	60°	70°
	CFR	---	5°
	CMX	110°	---
FUN	DVWG	OFF	ON

Adjust time windows:

It is also worthwhile to adjust the time windows on the controller to allow the electrical backup heating to be available more frequently to avoid situations where there is insufficient hot water on consecutive cold days, or on days where the client is using a lot of water.

See section 4.4 in the user manual and expand the time windows accordingly

	1 st time window	2 nd time window	3 rd time window
Turn on time	04:00	10:00	17:00
Turn on temp	50°C	50°C	50°C
Turn off time	09:00	16:00	22:00
Turn off temp	55°C	55°C	55°C



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