

Fitting Instructions Fridge Fans

1. **Safety First!** Ensure all power sources have been switched off to the Van/RV and fridge 12v, 24v and 240v.
(Note: if the fridge is running on gas make sure it is switched off and the gas has been isolated before starting.)



2. Remove the external fridge vents both top and bottom of the Van/RV taking care not to damage the retaining clips. Check that the insulation on top of the fridge hasn't slipped and is covering the fridge fins or slipped down the back of the fridge. (Figure 1)



Figure 1

3. Position the fans on the back and centre to the top vent, with the LED light ring facing into the fridge cavity and the Campbitz stickers facing outwards from the Van/RV. (Figure 2)



Figure 2

4. Attach the fans to the vent using supplied cable ties, take care not to overtighten the cable ties just nip up firm, not super tight as it may warp your vent out of shape.

Secure the fan cable to the vent using supplied cable tie, ensure it is on the same side as the compact digital controller. Making sure it is placed on the opposite side away from the gas burner flue. (Figure 3)



Figure 3

5. Gently feed the fan power cable down the side of the fridge cavity until it is visible at the bottom of the cavity. Apply the stick-on mount to the side of the cavity, at the top and loosely tie it up with cable tie. Holding the fan lead off any fridge components. (Figure 1)

Gently pull the slack down and re-fit the top vent. Check the locking clips have been secured. (**Warning;** Ensure the power cable is on the opposite side to the gas burner flue if not the gas burner flue will damage the cable.) (Figure 4)

6. Find a suitable position to fit the compact controller. Ideally your controller will be placed in a position that is, easily accessible with the ability to see the LED display and make adjustments to the temperature settings if required. (cable ties have been supplied if required, alternatively you can bond/Velcro it to the side wall of the cavity.) (Figure 5)

7. Connect the fan power wires to the controller with the fitted connectors supplied, bunch up the loose wires with a cable tie, ensuring they are out the way. Utilise supplied cable ties and stick on mount if required. (Figure 6)

8. The waterproof temperature probe (attached to the controller), needs to be connected to the bottom outlet tube of the absorption tank. Secure with supplied black cable tie, trim the tail off then wrap aluminium tape around for a more accurate reading. (Figure 7)



Figure 4



Figure 5



Figure 6



Figure 7

12V Electrical Connections



Safety First! Ensure the power has been isolated prior to connecting the Digital Temperature Controller. (If unsure of connections refer your installation onto a qualified professional).

9. Connect the Digital Controller power leads to a constant 12vDC power supply when the van is running on 12V or mains power supply DC/DC Charger. The wires can be trimmed to the desired length, if additional length is required, additional wire can be added ensuring the **RED** wire is connected to the positive (+) and the **Black** wire is connected to the negative (-) of the power supply.

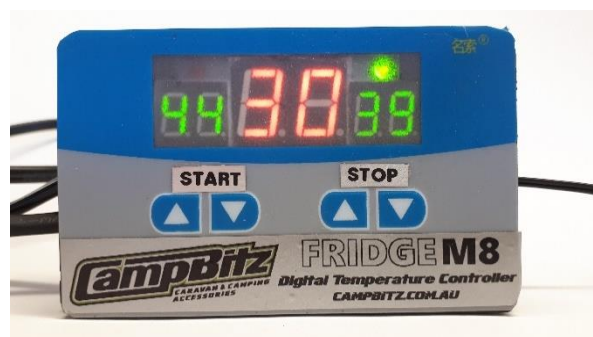
An inline switch can be added if the van is stored connected to 240V supply and the fridge is switched off.

10. Your FridgeM8 Digital Controller has been pre-set to start at 45°C and stop at 40°C to get the best performance out of your fridge – in hotter or cooler areas, this may need to be adjusted to suit. Adjust the settings by pressing the up or down white arrows on the front of the controller.

Once you have selected your settings and the LED's have stop flashing it will lock in the new pre-set temperatures. Note; the Start temperature must be set higher than the Stop temperature for it to work.

11. That's it! All done - Switch on 12V power and check the controller LED's light up.

All FridgeM8 Fridge Fan Kits are pre-set and fully tested prior to shipping – if you wish to check the fans do come on use a hair dryer to gently and slowly heat up the temperature probe to about 50°C the fans will start and stop when the temperature drops below the stop setting.



12. Carefully re-fit the fridge vents and ensure they have been locked in place correctly and the locking clips are secure. Don't forget to slip the sticker on the vent to let everyone know you have a FridgeM8 Fridge Fan Fitted.

“Beat the heat and keep it Cool”

Thank you and safe travels, Bluey!