

Dometic RUA series Fridge

In the event that the control panel is unresponsive check that the child lock – indicated by the padlock symbol - is not lit in the menu options.



The child lock is selectable by user to prevent children from using the controls.

If activated, push the control knob 3 times within 1.5 seconds to override temporarily and unlock the controls.

After 10 seconds without touching the control knob, the child lock is reactivated.

Should a fault code appear on the control panel please check the operation manual for faults codes. - See Pg43-45 of RUA Operation Manual - **Error type faults must be manually reset by pressing and holding the control knob between 2 s and 4 s.** (a beep will be heard)

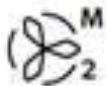
For Auto mode to work correctly:

- D+ must be activated in the menu
- Auto Mode Selected
- Performance mode selected
- Fan Switched to Auto (as highlighted below)



Switches the lower outer fan to automatic, manual or off mode.

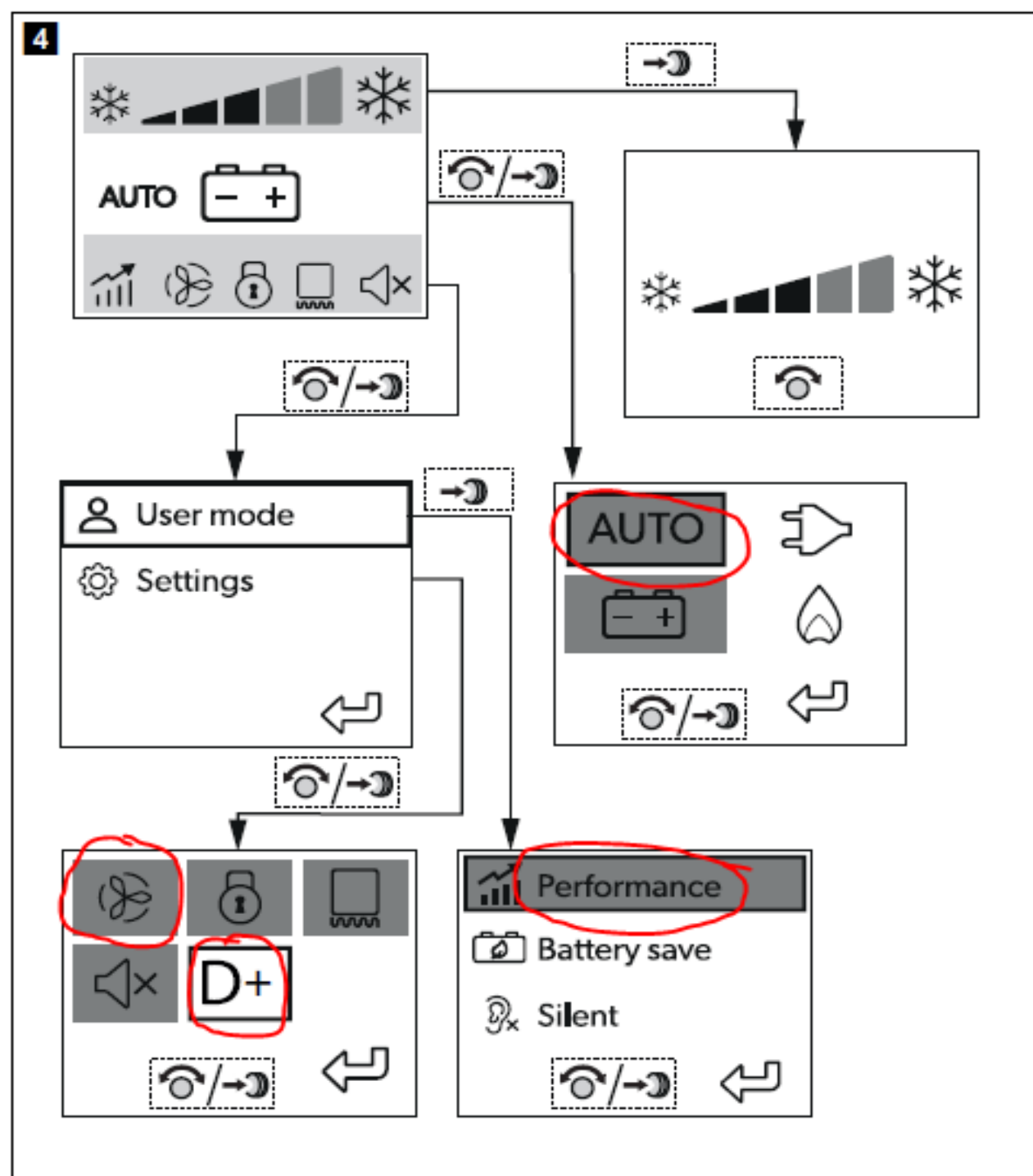
In automatic mode, an „A” is shown in the upper right corner of this symbol.



In manual mode, the fan operates continuously and „M” is shown in the upper right corner of this symbol.



6.4 Menu overview and navigation



- Turn/press the control knob on preferred setting and user mode option.
- ✓ The colour turns blue when selected.
- Press again to deselect.

9 Troubleshooting

Problem	Possible cause	Suggested remedy
With AC operation: The refrigerator does not work.	The fuse in the AC mains is defective.	Replace the fuse.
	The vehicle is not connected to the AC mains.	Connect the vehicle to the AC mains.
	The AC heating element is defective.	Contact the authorised customer service.
With DC operation: The refrigerator does not work.	The fuse in the DC supply is defective.	Replace the fuse.
	The vehicle fuse has blown.	Replace the vehicle fuse in the DC socket (usually 15 A) (Please refer to the operating manual of your vehicle).
	The vehicle battery is discharged.	Test the battery and charge it.
	The vehicle ignition switch is not turned on.	Switch on the vehicle ignition switch.
	The DC heating element is defective.	Contact the authorised customer service.
With gas operation: The refrigerator does not work.	The gas cylinder is empty.	Replace the gas cylinder.
	The gas valve is closed.	Twist the valve open.
	Air is in the supply line.	Switch the refrigerator off and on again. Repeat the procedure three or four times if necessary.
In automatic mode: The refrigerator is being operated with gas although it is connected to the AC mains.	The mains voltage is too low.	The refrigerator changes to AC power supply automatically as soon as the mains voltage is sufficient again.

Problem	Possible cause	Suggested remedy
The refrigerator does not cool sufficiently.	The ventilation around the cooling unit is not sufficient.	Check that the ventilation grille is not obstructed.
	The evaporator is iced up.	Check whether the refrigerator door is properly closed. Defrost the refrigerator.
	The temperature is set too high.	Set a lower temperature.
	The ambient temperature is too high.	Remove the ventilation grille for a while so that warm air can escape quicker.
	Too much food at once was placed in the refrigerator.	Remove an item.
	Too much warm food at once was placed in the refrigerator.	Remove the warm food and leave it to cool down before putting it in again.
	The refrigerator has not been operating for very long.	Check the temperature again after four or five hours.

Faults and beeps

Faults are indicated on the display by highlighting the middle section with a red banner and a code. The faults that terminate the complete cooling function are displayed on the screen in combination with a beep.

In case of multiple faults, the last fault is shown on the display. Underlying faults are shown after the last fault is acknowledged.

The beep will last for 2 minutes and repeat every 30 minutes until the fault is restored. Error type faults must be manually reset by pressing and holding the control knob between 2 s and 4 s. Warning type faults reset automatically once the condition passes.

Code	Fault	Type	Icon	Beep	Response of the device
01	Thermostat sensor error	Warning	No flashing	No	Cooling operation is continued with 45 minutes ON and 15 minutes OFF cycle.
03	No communication between power module and display	Error	No flashing	No	Operation is continued at latest stored settings.
05	AC voltage under 190 V	Warning	Flashing	No	–
06	DC relay not connected	Warning	Flashing	No	–
07	No performance, Gas	Error	No flashing	Yes	Cooling function is terminated.
08	No performance, AC	Error	No flashing	Yes	Cooling function is terminated.
09	No performance, DC	Error	No flashing	Yes	Cooling function is terminated.
10	Open fridge door > 2 minutes	Warning	Flashing	Yes	Audio alarm is terminated when door is closed.
11	DC voltage over 16 V	Warning	No flashing	No	–
12	Gas valve test	Error	No flashing	No	Gas operation is locked.
13	Faulty dynamic valve signal	Error	No flashing	No	Gas operation is locked.
14	Inner fan faulty	Warning	No flashing	No	Cooling operation is continued with a fixed thermostat setting. Cut-in: +1 °C Cut-out: –15 °C
15	Frame heater, low current	Warning	No flashing	No	–

Code	Fault	Type	Icon	Beep	Response of the device
16	Frame heater, high current	Error	No flashing	No	Heater is turned off.
17	Defrost heater, low current	Warning	No flashing	No	–
18	Defrost heater, high current	Error	No flashing	No	Heater is turned off.
22	DC voltage under 10 V	Warning	No flashing	No	–
24	Display element suffer from poor grounding	Warning	No flashing	No	–
50	Gas lock out, three attempts	Error	Flashing	No	Gas operation is locked.
51	Gas lock out	Error	Flashing	No	Gas operation is locked.
52	Gas valve short	Error	Flashing	No	Gas operation is locked.
53	Ignition electrode short	Error	Flashing	No	Gas operation is locked.