



DOMETIC RM 8505 Right hinged Absorption refrigerator 12 V / 230 V

Reference: 9500001567

NO LONGER IN PRODUCTION

The 8 Series range of 3-way fridges are an adaptable and user-friendly collection featuring high quality models with many space saving features. These stylish design pieces are available in two door or large door models, with freezer compartments, innovative design elements and a pleasant ice-blue, energy-saving LED interior light. The interiors can be altered to fit your needs.

This 106 l fridge is both flexible and easy to use. Remove the freezer compartment and re-arrange shelves to have it just the way you need it. Also perfectly silent.

Freedom to cool

The Dometic 8 series fridge and freezer is designed to adapt to your unique and changing needs. The freezer, patented for its ease of removal, can both increase the refrigeration space to a massive 106 l while also reducing energy consumption. Interior shelves can be flexibly arranged to maximise the generous storage capacity, while the three-way power – AC, DC and Gas – allow users the freedom to travel anywhere! The absorption cooling technology is perfectly silent and the Automatic Energy Selector gives you one less decision to think about: prioritising AC, then DC and finally Gas power. Fingertip door opening and LED interior lights boost convenience further. The secure door lock and "door ajar" alarm guard against any accidents, leaving you free to enjoy your trip!

Who needs electricity? Absorption fridges do not

Absorption cooling is well-known for its reliable, silent cooling. But do you know how it works? Well, firstly, a concentrated ammonia solution is heated in a boiler and expelled as vapour. The pressurised ammonia gas then liquefies in a condenser. When supplied with hydrogen, it evaporates and in the process extracts heat from the refrigerator thus lowering its temperature. The ammonia gas then enters the absorber where it is reabsorbed in a weak solution of ammonia. Finally, this saturated solution flows back to the boiler where the whole cycle starts again. And the fact this process does not need electricity – heating from a gas flame works fine – gives users the freedom to travel off-grid!

When flexibility matters

With its removable freezer and flexible shelves, the Dometic RM 8500 offers you the ability to arrange your fridge just the way they want. Its 106 l capacity when the freezer is removed, makes the fridge ideal for long trips or large groups. A fingertip door opening mechanism and the user friendly control panel offer added convenience. Then there's the fact it can be powered by 3 separate energy supplies – AC, DC and gas – giving you the ultimate freedom to travel.

Not binding images and technical data.

Technical Sheet

Voltage (V)

12 / 230

Length (mm)	568
Width (mm)	523
Height (mm)	821
Dry weight (Kg)	28
Feed Type	12 V / 230 V
Product type	Absorption refrigerator
Colour	RAL 7021 Black-Grey
Capacity of the refrigerator (L)	87
Freezer (L)	9
Climate class	SN
Thermostat control	AES
Coolant	R717