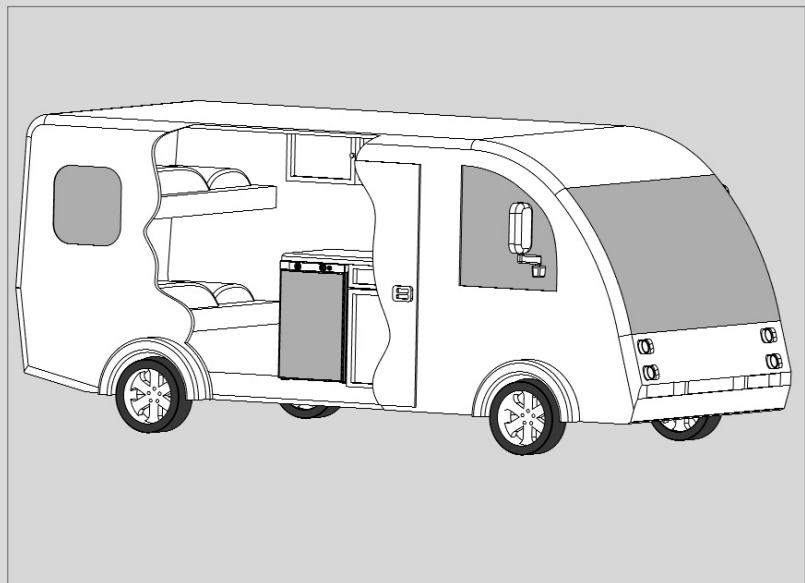




# Installation Instructions

## Absorption Refrigerator for Recreation Vehicles

RM 8400	RMS 8400	RML 8550
RM 8401	RMS 8401	RML 8551
RM 8405	RMS 8405	RML 8555
RM 8500	RMS 8460	
RM 8501	RMS 8461	
RM 8505	RMS 8465	
RM 8550	RMS 8500	
RM 8551	RMS 8501	
RM 8555	RMS 8505	
	RMS 8550	
	RMS 8551	
	RMS 8555	



INSTALLATION INSTRUCTIONS



ABSORPTION REFRIGERATOR



Type C40 / 110

T.B. MBA 05/2008

**N 2-1**

**English**

**Keep these installation instructions in a safe place.  
If this device is passed on, please include these installation instructions with it.**

© Dometic GmbH - 2007 - Subject to change - Printed in Germany

## Table of contents

E1.0	Installation instructions .....	4
E1.1	Installation .....	4
E1.2	Draught-proof installation .....	6
E1.3	Ventilation and air extraction .....	8
E1.4	Installing the ventilation system .....	9
E1.5	Exhaust duct system .....	10
E1.6	Installation recess .....	10
E1.7	Securing the refrigerator .....	12
E1.8	Changing the decor panel .....	13
E1.9	Gas installation .....	14
E1.10	Electrical installation .....	15
E2.0	Annex .....	22
E2.1	Technical data .....	22
E2.2	Declaration of conformity .....	23

## Explanation of symbols used in this manual



**WARNING**

**WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



**CAUTION**

**CAUTION** (used with the safety alert symbol) indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**CAUTION**

**CAUTION** (used without the safety alert symbol) indicates a potentially hazardous situation which, if not avoided, could result in damage to the appliance.



**INFORMATION**



**ENVIRONMENTAL NOTICE**

## E1.0 Installation instructions

On installation of the appliance, the technical and administrative regulations of the country in which the vehicle will first be used must be adhered to. Otherwise the refrigerator must be installed as described in these instructions. In

Europe, for example, gas appliances, cable routing, installation of gas cylinders, as well as approval and checking for leaks must comply with EN 1949 for liquid gas systems in vehicles

### E1.1 Installation

#### CAUTION

The unit and the exhaust duct system must be in principle installed so that it is accessible for maintenance work, can be easily installed and dismantled and removed from the vehicle without great effort.



#### WARNING

The appliance may be installed by authorized personnel only!

Installation and connection of the appliance must comply with the latest technical regulations, as follows:

- The electrical installation must comply with national and local regulations.

- The gas installation must comply with national and local regulations.
- European Standards EN 1949
- European Standards EN 60335-1, EN 60335-2-24, EN 1648-1, EN 1648-2
- The appliance must be installed in such a way that it is shielded from excessive heat radiation.

Excessive heat impairs performance and raises the energy consumption of the refrigerator!



Deviations from these installation instructions without prior notification of Dometic result in Dometic GmbH's warranty obligations becoming void!

#### E1.1.1 Side installation

If the appliance is installed on the same side of the vehicle as the entrance door, it is desirable that the door does not cover the refrigerator's vents. (Fig. E1, Clearance door/ventilation grille at least 25 mm). Otherwise ventilation could be impaired which causes a loss in cooling perfor-

mance. Awnings are often placed at the door side of a caravan. This complicates evacuation of combustion gases and heat through the ventilation grilles (loss in cooling performance)!

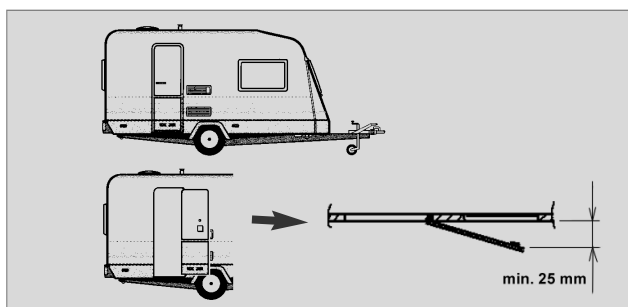


Fig. E1

(Fig. E1) The air vent grilles are blocked. There must be a distance between the door and the air vents of at least 25 mm!

If the door/grille distance is between 25 mm and 45 mm, we recommend installing a **Dometic ventilation kit (item no. 241 2985 - 00/0)** to achieve an optimal cooling performance in high ambient temperatures.

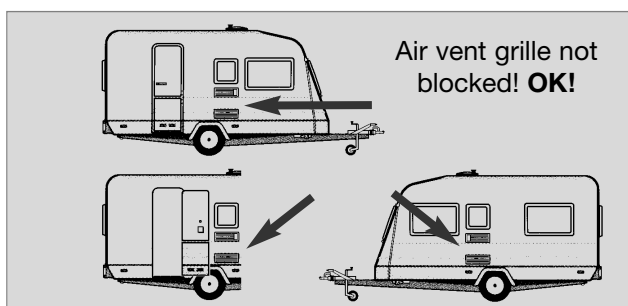


Fig. E2

(Fig. E2) The air vent grilles offer an unobstructed dissipation of heat and exhaust gas even when the door is opened.

### E1.1.2 Side installation with floor-roof ventilation

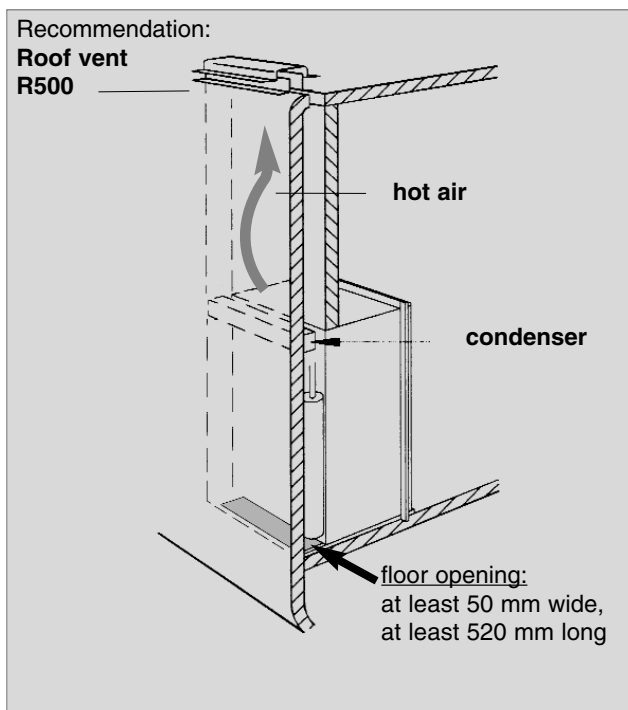


Fig. E3

Proper ventilation of the refrigerator can also be achieved by lower air intake aperture in the floor and upper roof exhaust vent (see Fig. E3). A flue has to be provided between the top edge of the refrigerator and the roof ventilation which directs the hot air and the exhausts straight to the air vent in the roof.

The floor opening must have a cross section of at least **250 cm<sup>2</sup>**. Protect the opening, e.g. with a baffle plate and a net, to prevent dirt from entering the gas burner. Compared to side ventilation, this ventilation method can allow more dirt to enter the rear area of the refrigerator, which makes regular maintenance of the gas burner, at least once a year, necessary.



**With this installation method, regular maintenance of the gas burner is only possible once the device has been dismantled. It is imperative that the refrigerator be installed in a way to allow easy removal.**

**We therefore recommend providing an adequate access opening (service flap) for ready serviceability from the outside.**

### E1.1.3 Rear installation

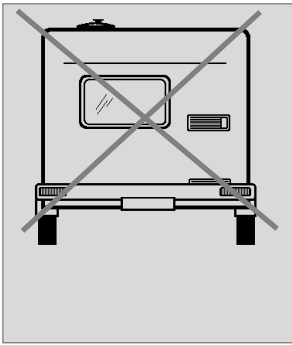


Fig. E4



Fig. E5

Rear installation often causes an unfavourable installation arrangement, as ideal ventilation cannot always be assured (e.g. the lower ventilation grille is covered by the bumper or the rear lights of the vehicle!) (Fig. E4). The maximum cooling performance of the aggregate is actually not available.

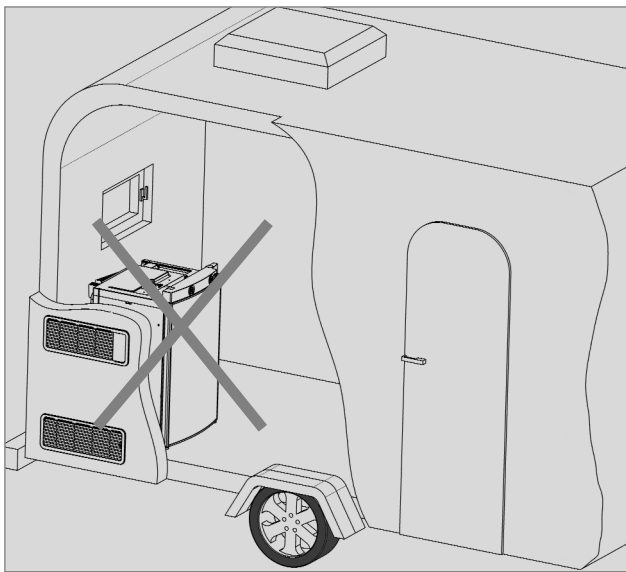


Fig. E6

Another unfavourable method of rear installation is to install the air intake and exhaust grilles (Fig. E6) at the side wall of the recreation vehicle. The air-heat recirculation is very restricted which means that heat exchangers (condenser, absorber) cannot be adequately cooled. The optional method of an additional air vent grille installed in the floor also exhibits an insufficient air flow duct.

#### CAUTION

**The maximum cooling performance is not available! Do not apply this installation method, as it does not provide proper ventilation! Please refer to the description in section E1.3.**

### E1.2 Draught-proof installation



Refrigerators in motorhomes, caravans or other vehicles must be installed in a draught-proof manner (EN 1949). This means that the combustion air for the burner is not taken from the

living space and that exhaust fumes are prevented from entering the living space.



#### WARNING

**BY NO MEANS use durable sealing compounds, fitting foam or similar material to realise draught-proof installation of the refrigerator! Do NOT use any easily inflammable materials for sealing (in particular silicon sealing compound or similar). Risk of fire! The device manufacturer's product liability and warranty shall lapse if such materials are used.**

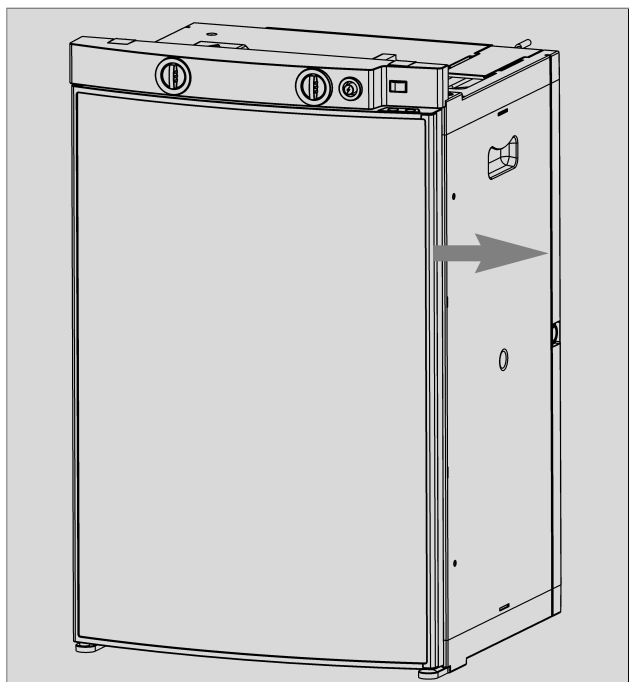


Fig. E7

Adequate sealing between the back of the refrigerator and the vehicle interior has to be provided.

**Dometic** strongly recommend using a flexible sealing for this purpose, in order to facilitate future removal or installation of the appliance during maintenance.

**Dometic** Refrigerators of RM8xxx Series feature a groove running all around outside and bottom side to facilitate the insertion of such flexible lipped seals (see Figure E7).

*Exception: Stepped cabinets have no groove at the bottom side*

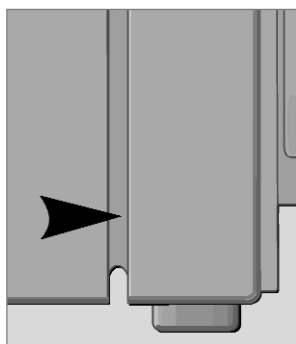


Fig. E8

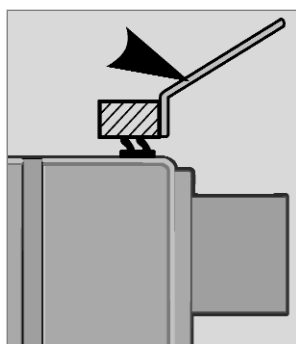


Fig. E9

**Dometic** recommend mounting a strip with a heat deflector plate into the installation recess above the appliance. This allows the ascending hot air to escape directly outside. This deflection plate must also be provided with a lipped seal.

That ensures that the refrigerator can easily be removed for maintenance or repair.

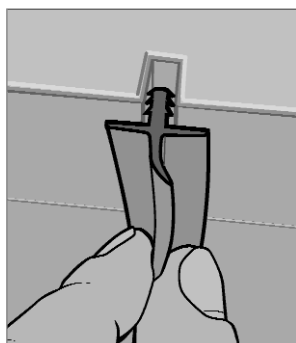


Fig. E10

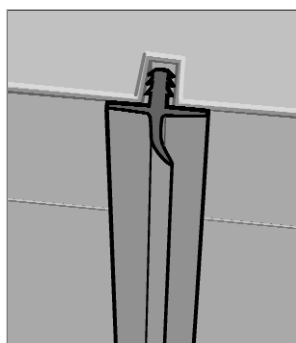


Fig. E11

The flexible sealing is pressed into the groove running around the housing. Press the side provided with the sealing knob firmly into the groove. Take care that the sealings uniformly abut the housing.

The cavity in-between the outer vehicle wall and refrigerator is completely isolated from the vehicle interior. Intrusion of exhaust fumes into the living space is prevented. Fumes will escape through the upper ventilation grille to the outside. The draught-proof installation does not

require a special exhaust gas duct to be used. This installation method allows the use of the same air vent grille **L200** at the top and at the bottom without flue duct.

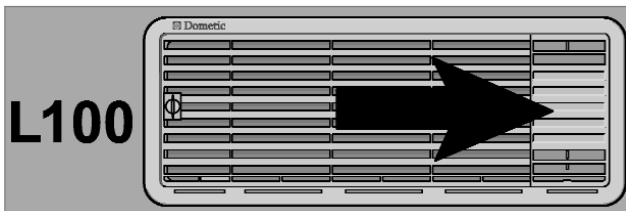


Fig. E12

If a flue duct is nevertheless desirable, incorporate the **L100** ventilation system with flue duct into the upper air vent opening. (For installation, please refer to "E1.7")

**i** Deviations require the consent of the manufacturer!

### E1.3 Ventilation and air extraction of the refrigerator

A correct installation of the refrigerator is essential for its correct operation, as due to physical reasons heat builds up at the back of the appli-

ance which must be allowed to escape into the open air.

**i** In the event of high ambient temperatures, full performance of the cooling unit can only be achieved by means of adequate ventilation and extraction.

Ventilation is provided for the unit by means of two apertures in the caravan wall. Fresh air enters at the bottom, extracts the heat and exits through the upper vent grille (chimney effect). **The upper ventilation grille should be positioned as high as possible above the condenser (A). Install the lower ventilation grille at floor**

**level of the vehicle**, allowing unburnt gas (heavier than air) to escape directly into the open air. Should this arrangement prove impossible, a ventilation aperture must be introduced by the manufacturer of the vehicle into the recess floor in order to avoid the accumulation of unburnt gas on the floor.

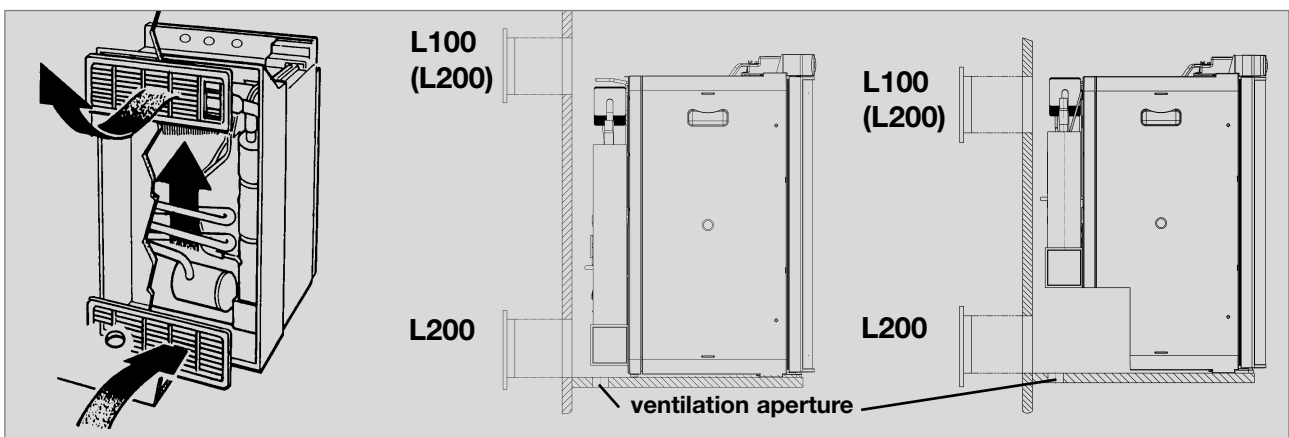


Fig. E13



The ventilation grilles must have an open cross-section of at least 250cm<sup>2</sup>. This is achieved by using the Dometic L100 / L 200

absorber ventilation and air extraction system which has been tested and approved for this purpose.

**i** Correct mounting of the lower ventilation grille facilitates access to the connections and functional parts during maintenance.

## 6.4 Installing the ventilation system

The **L100** upper vent system kit consists of the mounting frame (**R1640**), the air grille including flue gas duct (**A1620**) and the winter cover (**WA120**). The **L200** lower vent system kit consists of the mounting frame (**R1650**), the air grille

(**A1630**, but without flue gas duct) and the winter cover (**WA130**). To install the ventilation grilles, cut two rectangles (**451 mm x 156 mm**) in the outer wall of the vehicle (for position of the cuts, see point E1.3).

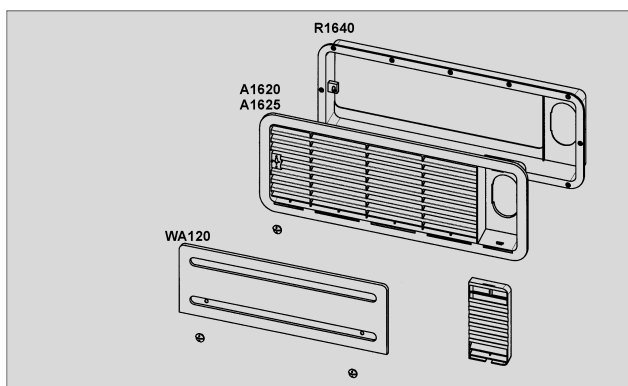


Fig. E14

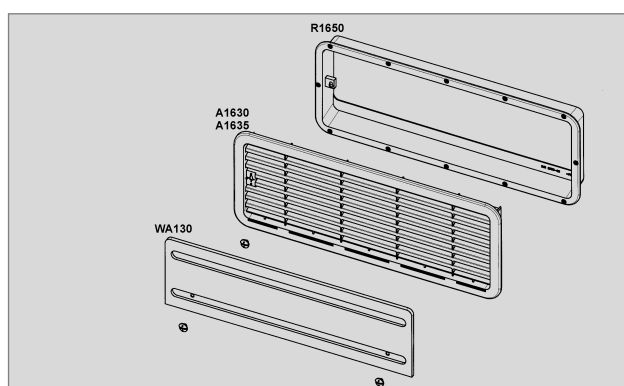


Fig. E15

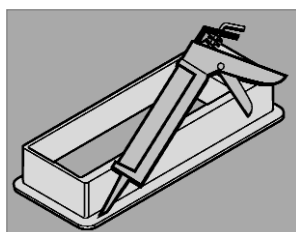


Fig. E16

1. Seal the mounting frame making it waterproof (does not apply for mounting frames with integral seal).

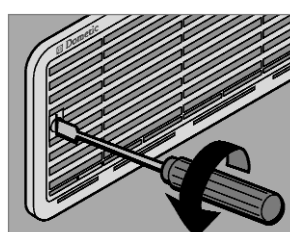


Fig. E19

4. Lock ventilation grille.

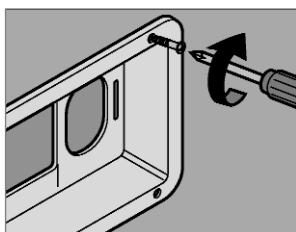


Fig. E17

2. Insert frame and screw into position.

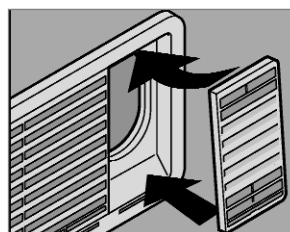


Fig. E20

5. Clip the insert for flue gas duct in position (only for L100 upper ventilation system kit).

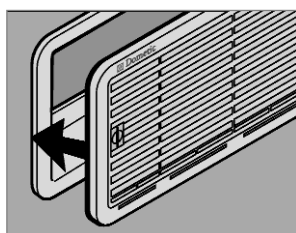


Fig. E18

3. Insert ventilation grille.

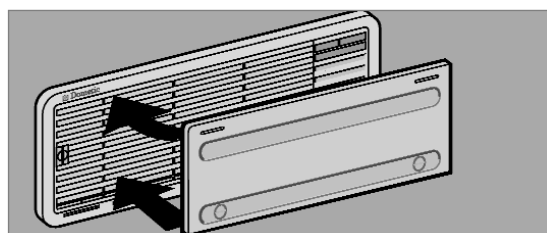


Fig. E21

6. Insert winter cover.

## E1.5 Exhaust gas duct and installing the fume flue

The exhaust gas duct system must be made in such a manner as to achieve a complete extraction of combustion products to the outside of living space. The duct system must slope in an upward direction in order to avoid a build-up of condensate. The type of exhaust gas duct shown in Fig. E22 allows the side installation of

the winter cover.

### CAUTION

**An installation other than described will reduce the cooling capacity and jeopardise the manufacturer's warranty/product liability.**

### Installing the standard fume flue:

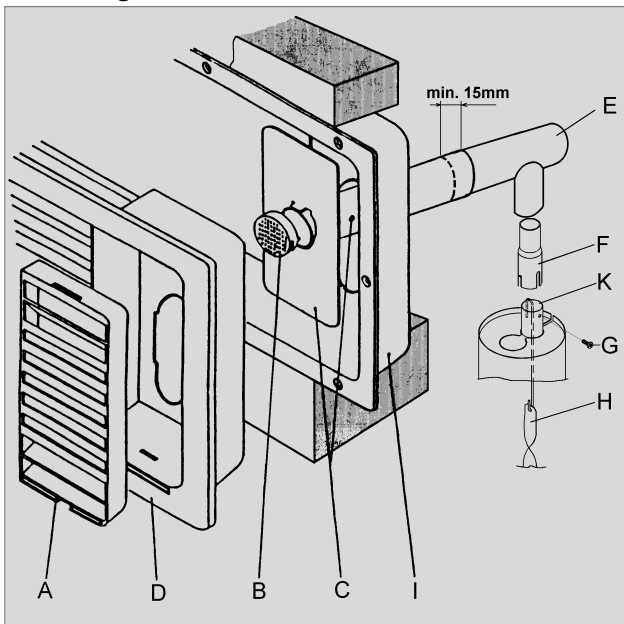


Fig. E22

1. Connect T-piece (E) to adaptor (F) or flue pipe (K) as required and affix with screw (G). Ensure that heat baffle (H) is lodged in the correct position.
2. Insert flue pipe with cover plate (C) through the appropriate aperture in the upper frame (I) and connect to T-piece (E). If necessary, shorten flue pipe (C) to the required length.
3. Insert **L100** ventilation grille (D) into mounting frame (I) and fasten, using the locking handle on the left of the grille.
4. Put cap (B) on flue pipe (C).
5. Insert extractor insert (A) into ventilation grille (D).

## E1.6 Installation recess

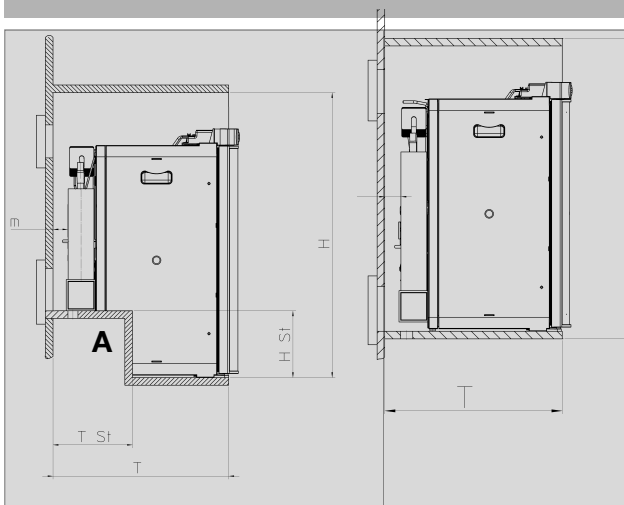


Fig. E23

The refrigerator must be installed **draught-proof** in a recess (also refer to Section "E1.2"). The measurements of the recess are stated in the table below. Step **A** is only required for cabinets with a step. Push the appliance far enough into the recess until the front edge of the refrigerator casing is aligned with the front of the recess. Allow a gap of **15-20 mm** between the back wall of the recess and the refrigeration unit. The floor of the recess must be level, allowing the appliance to be pushed easily into its correct position. The floor must be substantial enough to bear the weight of the appliance.



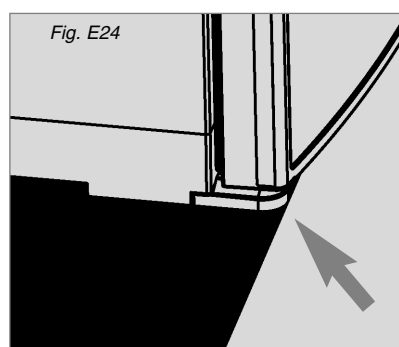
Ensure that the refrigerator is installed level in the recess.



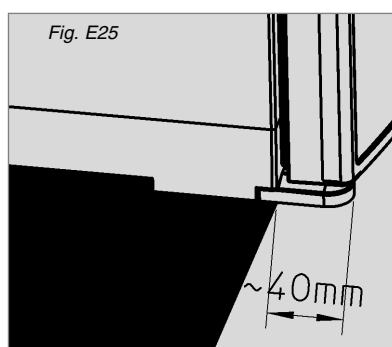
**Recess dimensions:**

Model	Height H	Width B	Depth T	Height HSt	Depth TSt
RMS 8400	825 mm	490 mm	542 mm	220 mm	235 mm
RMS 8401	825 mm	490 mm	542 mm	220 mm	235 mm
RMS 8405	825 mm	490 mm	542 mm	220 mm	235 mm
RM 8400	825 mm	490 mm	542 mm		
RM 8401	825 mm	490 mm	542 mm		
RM 8405	825 mm	490 mm	542 mm		
RMS 8460	825 mm	490 mm	607 mm	220 mm	235 mm
RMS 8461	825 mm	490 mm	607 mm	220 mm	235 mm
RMS 8465	825 mm	490 mm	607 mm	220 mm	235 mm
RMS 8500	825 mm	527 mm	542 mm	220 mm	235 mm
RMS 8501)	825 mm	527 mm	542 mm	220 mm	235 mm
RMS 8505	825 mm	527 mm	542 mm	220 mm	235 mm
RMS 8550	825 mm	527 mm	597 mm	220 mm	235 mm
RMS 8551	825 mm	527 mm	597 mm	220 mm	235 mm
RMS 8555	825 mm	527 mm	597 mm	220 mm	235 mm
RM 8500	825 mm	527 mm	542 mm		
RM 8501	825 mm	527 mm	542 mm		
RM 8505	825 mm	527 mm	542 mm		
RM 8550	825 mm	527 mm	597 mm		
RM 8551	825 mm	527 mm	597 mm		
RM 8555	825 mm	527 mm	597 mm		
RML 8550	1249 mm	529 mm	599 mm		
RML 8551	1249 mm	529 mm	599 mm		
RML 8555	1249 mm	529 mm	599 mm		

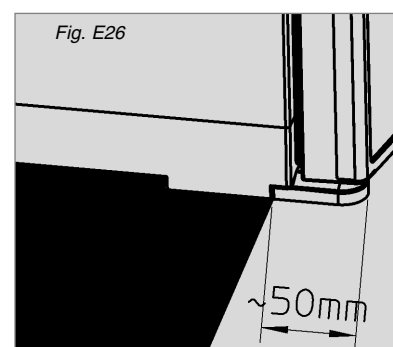
**Installation in the recess:**



Ideal fitting



Minimum requirement



Distance not greater than 40mm

Note: When installing the appliance ensure that the door hinges are supported. *Figure E24* shows the optimum installation of the refrigerator, whereas *Fig. E25* shows the minimum requirement with the maximum clearance between installation area and end of hinge. If the

installation is carried out as per *Fig. E26*, the hinge is not capable of supporting the possible load in the door. It is therefore essential that the maximum clearance of 40 mm not be exceeded.

## E1.7 Securing the refrigerator

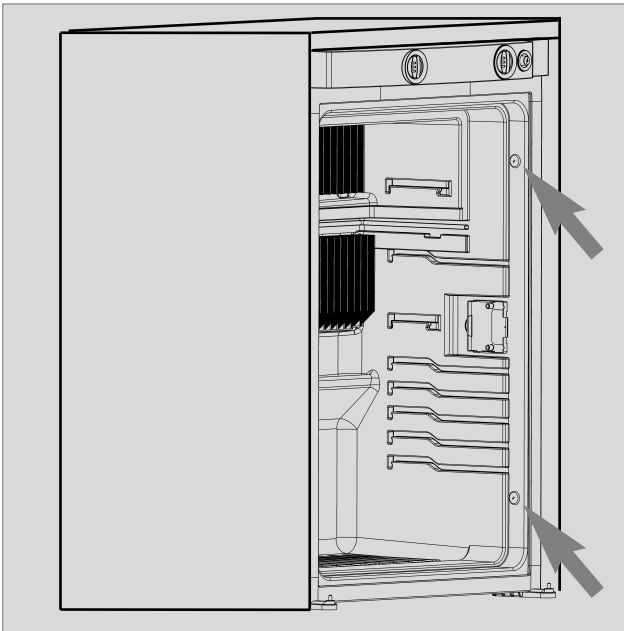


Fig. E27

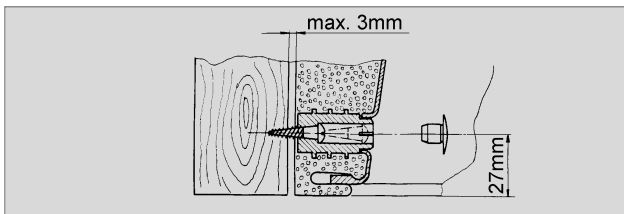


Fig. E28

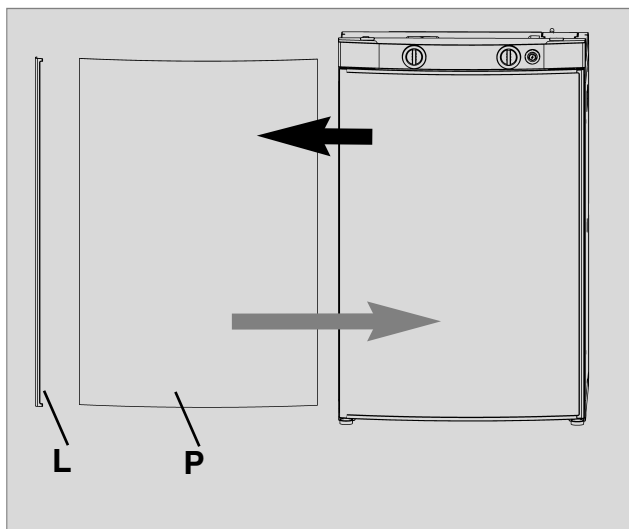
In the sidewalls of the refrigerator, there are four plastic sleeves for securing the refrigerator. The sidewalls or strips attached for securing the refrigerator must be prepared to hold the screws firmly in place even when under increased load (while the vehicle is moving). Fastening screws and caps are supplied with the refrigerator.

### CAUTION

**Always insert screws through the sleeves provided as otherwise components laid in foam, such as cables etc., could be damaged.**

After the refrigerator is put in its final place, secure the screws into the wall of the recess. The screws must penetrate the casing of the refrigerator.

## E1.8 Changing the decor panel



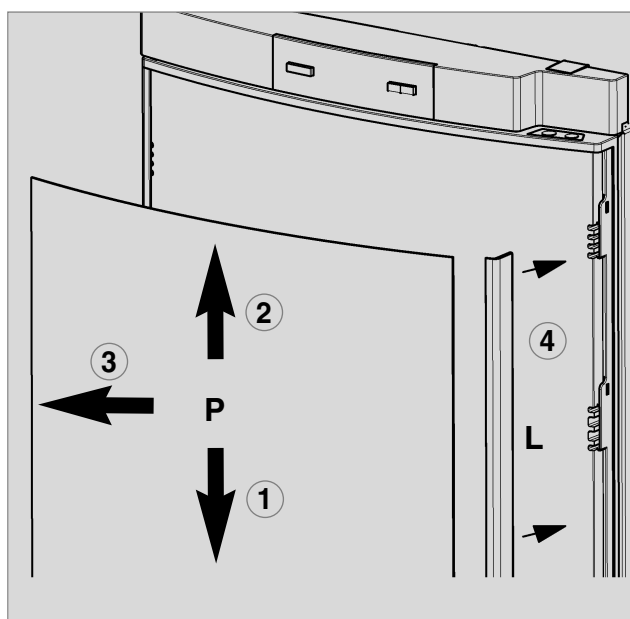
Model RM 8xxx, RMS 8xxx

Fig. E29

- Remove the lateral ledge **L** from the door (ledge is attached, not screwed).
- Shift decor panel **P** away from the door and insert the new decor panel. Re-attach ledge **L**.

### Decor panel dimensions :

Casing width	Height	Width	Thickness
486 mm	742+/-1 mm	471+/-1 mm	max. 2 mm
523 mm	742+/-1 mm	508+/-1 mm	max. 2 mm



Model RML 8xxx

Fig. E 29a

### Decor panel dimensions :

**Casing width** 525 mm

Height	Width	Thickness
1170,5 +0/-1 mm	508,5 +0/-1 mm	max. 1.7 mm

## E1.9 Gas installation



### WARNING

The gas connection shall be carried out by specialised personnel\* only.

\* Specialised personnel are accredited experts who are able, by virtue of their training and knowledge, to vouch for the correct implementation of the leakage test.

- Observe the regulations stated in section E1.1 !
- This refrigerator is provided for installation within liquid gas equipment in compliance with EN1949 and must be run exclusively on liquid gas (propane, butane) (no natural gas, town gas).
- A fixed, pre-set pressure regulator complying with EN 12864 must be connected to the liquid gas cylinder.
- The pressure regulator must concur with the operating pressure specified on the rating plate of the appliance. The operating pressure corresponds to the standard pressure of the country of specification (EN 1949, EN 732).
- Only one connection pressure is permissible for any one vehicle! A plate showing the permanent, clearly legible notice must be displayed in full view at the point where the gas cylinder is installed.
- The gas connection to the appliance must be installed securely and free of stress using pipe connectors and must be securely connected to the vehicle (a hose connection is not permissible) (EN 1949).
- The gas connection to the appliance is effected by means of (Ermeto-) olive type fitting L8, DIN 2353-ST, complying with EN 1949.
- After professional installation, a leakage test as well as a flame test have to be carried out by qualified personnel\* in conformity with EN 1949. A test certificate has to be issued.
- The refrigerator must be equipped with a shut-off valve allowing to cut the supply line. Such a shut-off device must be readily accessible to the user.

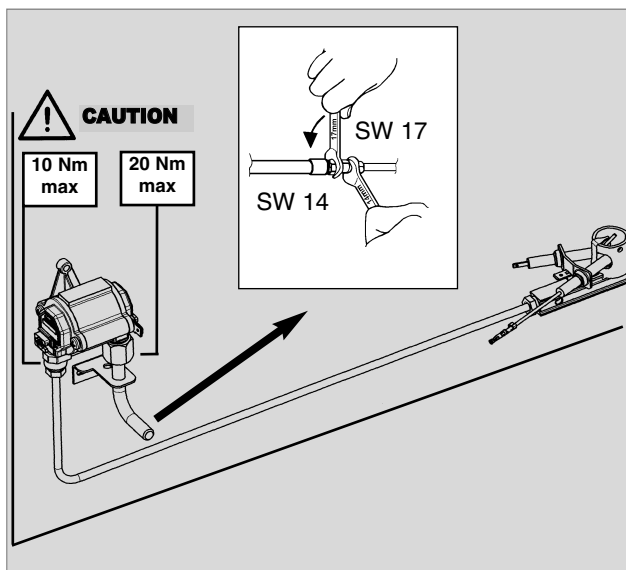


Fig. E30

## E1.10 Electrical installation



### WARNING

The electrical installation shall be carried out by qualified personnel only.

- The electrical installation must be in accordance with the national regulations of the respective countries.
- The connection cables must be routed in a way to prevent contact with hot components of the unit/burner or with sharp edges.

- Changes to the internal electrical installation or the connection of other electrical components (e.g. external fan) to the internal wiring of the appliance will render the e1/ CE admittance as well as any claims from warranty and product liability void!

### E1.10.1 Mains connection

- The power should be supplied by a properly grounded socket outlet or a grounded non-detachable connection. Where a socket outlet with mains supply is used, the outlet must be freely accessible.

Should the connection cable be damaged, have it replaced by Dometic Customer Services or by qualified personnel to

avoid hazards.



We recommend leading the power supply via a board-side fuse protection.

### E1.10.2 Battery connection

The machine's 12V connection cable is connected (observing correct polarity) to a terminal strip. The wiring for the heating element (refer to A, B wiring diagram connections; connection

cable white/red) must be direct and by the shortest possible route to the battery or electric generator.

#### Cable cross sections and cable lengths for caravan/motorhome:

	Cross section	Length	
<b>Motorcaravan &amp; Caravan (inside)</b>	4 mm <sup>2</sup> (RML = 6 mm <sup>2</sup> )	< 6 m	
	6 mm <sup>2</sup> (RML = 10 mm <sup>2</sup> )	> 6 m	
<b>Caravan (outside)</b>	min 2,5 mm <sup>2</sup>	(EN1648-1)	

Fig. E31

**CAUTION**

**Provide a 16 A fuse to protect on-board 12 V circuit.**

In order to ensure that the 12V power supply is shut off when stopping the engine (otherwise the battery would discharge within a few hours), perform the power supply to the heating element (connection A/B in wiring diagram) in a way to have the 12V supply only live while the vehicle ignition is switched on.

The connection C/D (interior light, electronics, cable black / violet) must be permanently provided by a 12V DC power supply to be protected by a 2A fuse.

**CAUTION**

**If the appliance is installed in a caravan the respective leads for the 12V+ and 12V- connections A/B and C/D must not be connected to each other on the caravan-side (EN 1648-1).**

**E1.9.3 Terminal strip**

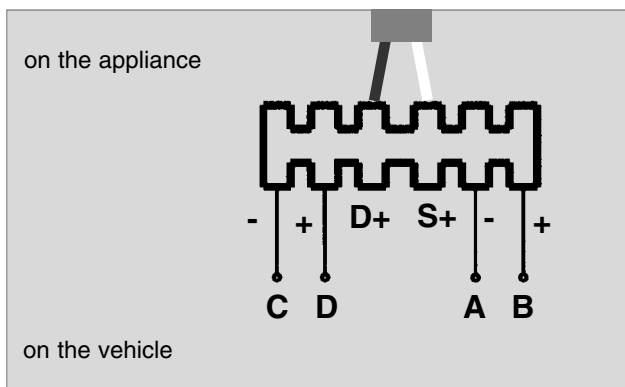


Fig. E32

**Connections :**

- A = Ground heating element DC
- B = Positive connection, heating element DC
- C = Ground electronics
- D = Positive connection, electronics
  
- D+ = Alternator signal
- S+ = AES input signal from solar charge regulator



**For MES and AES it is compulsory to provide a permanent 12V DC supply at the terminals C/D (permanent voltage supply for functional electronics).**

**E1.9.4 D+ and solar connection (only for AES models)**

**D+ – connection :**

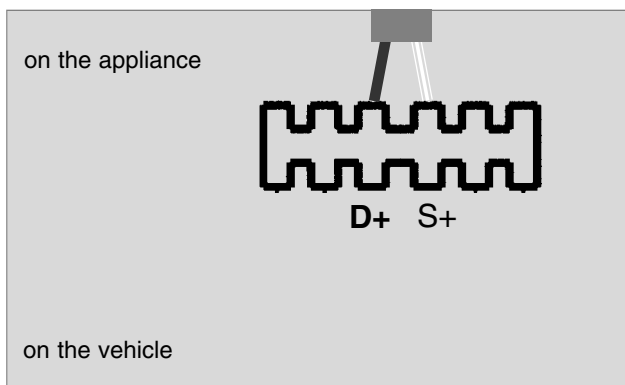


Fig. E33

In **>Automatic Mode<** the **AES** electronic system automatically selects the most efficient energy supply. In automatic mode the electronic system uses the D+ signal (dynamo +) of the alternator to detect **12V DC**. **12V DC operation** is selected only while the engine is running in order to prevent battery discharge.



**S+ – connection :**

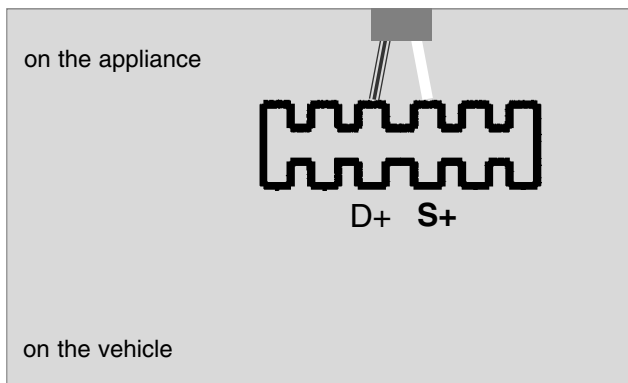


Fig. E34

**12V DC** energy can be optionally achieved by mounting solar equipment to the vehicle. The solar power equipment must be provided with a solar charging controller with **AES output** (adequate charging controllers available in selected stores). The "S+ connection (Solar +) must be connected to the respective terminal of the solar charging controller (**AES output**). The electronic system uses the **S+ signal** of the solar charging controller to detect **solar 12V DC**.

**Cable cross-sectional areas :**

There are no particularly high current flows via the D+ and S+ connection; therefore no particu-

larly large cross-section is required for these connections (approx. 1mm<sub>c</sub> is sufficient).

**Switch-over time within the individual energy modes in automatic mode:**

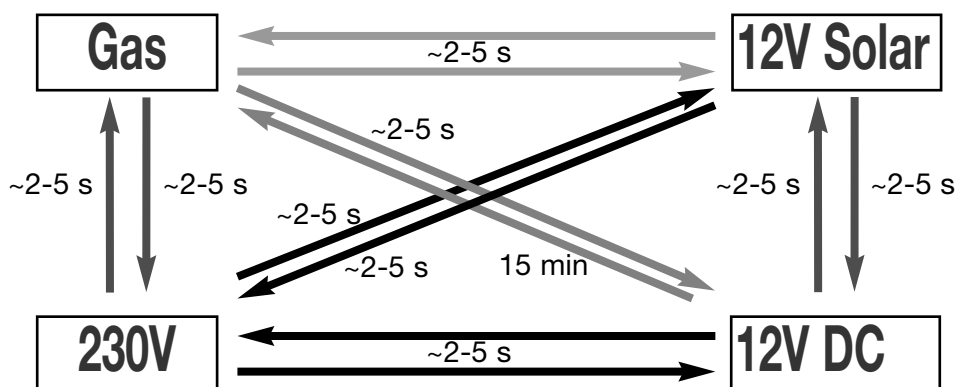


Fig. E35

**Wiring diagram RM8xx0 :**

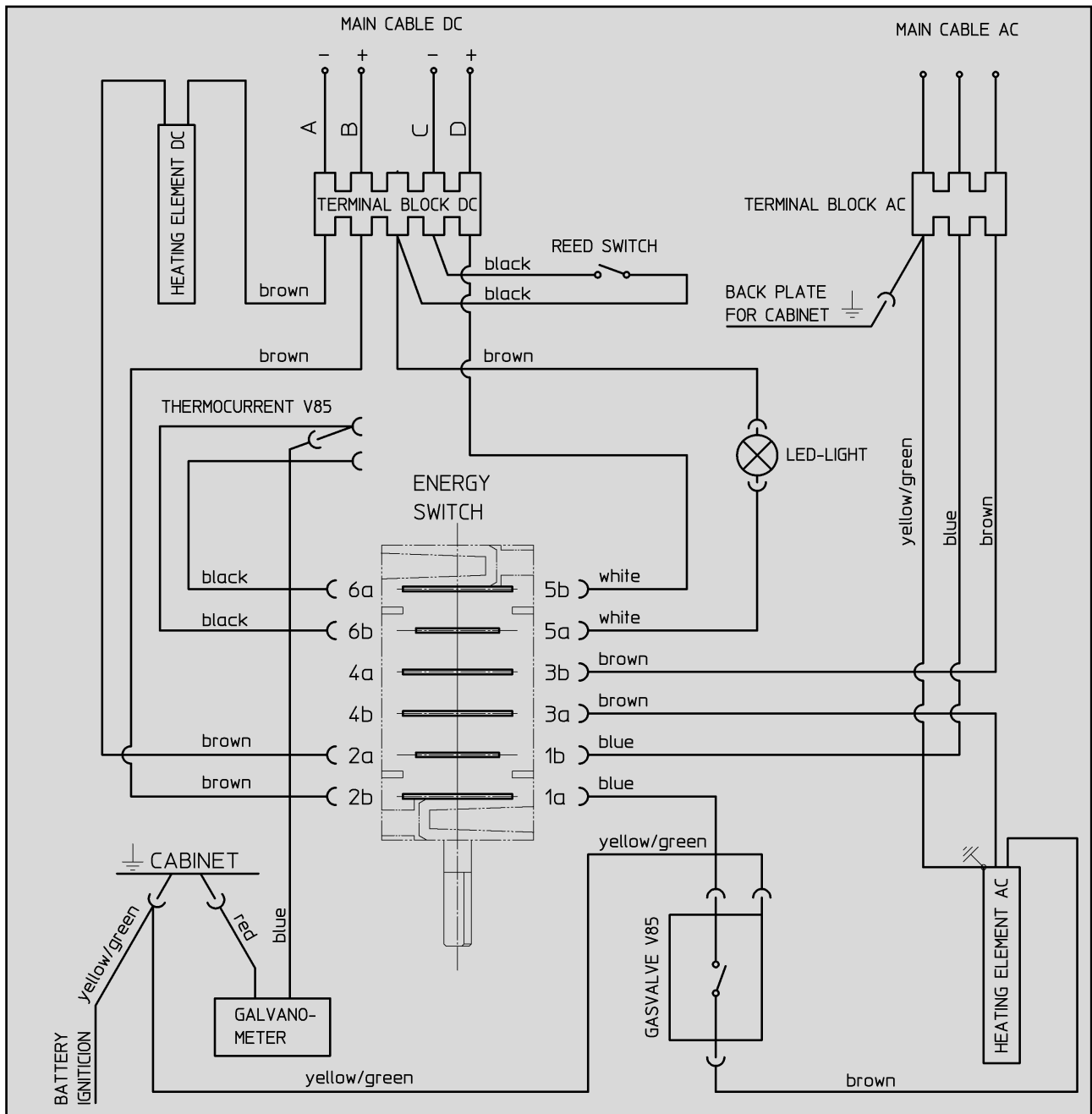


Fig. E36

**Wiring diagram RM8xx1 :**

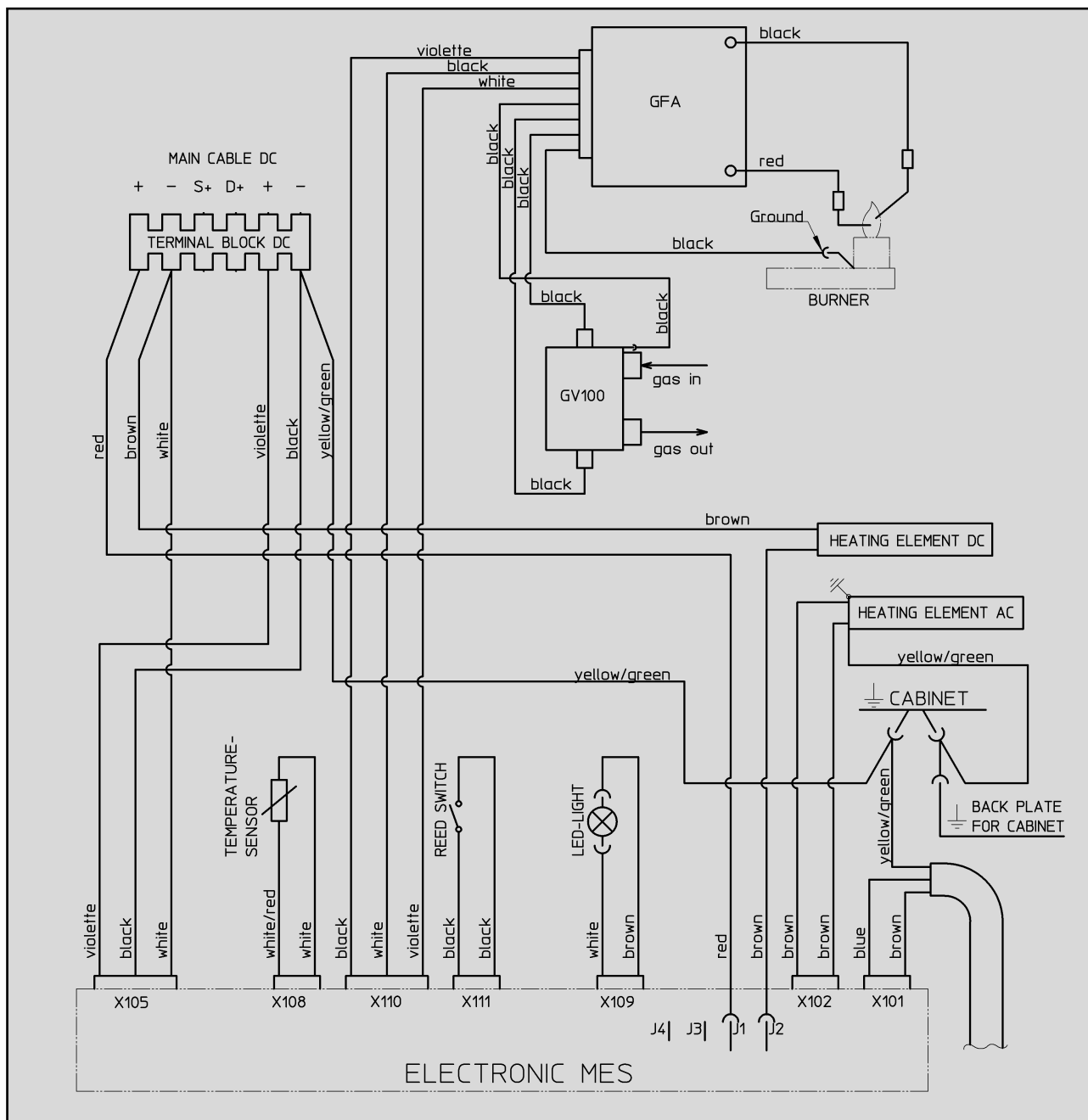


Fig. E37

**i** For operation, it is compulsory to provide the device with a permanent 12V DC connection at terminals C/D (permanent voltage supply for the functional electronics).

**Wiring diagram RM8xx5 :**

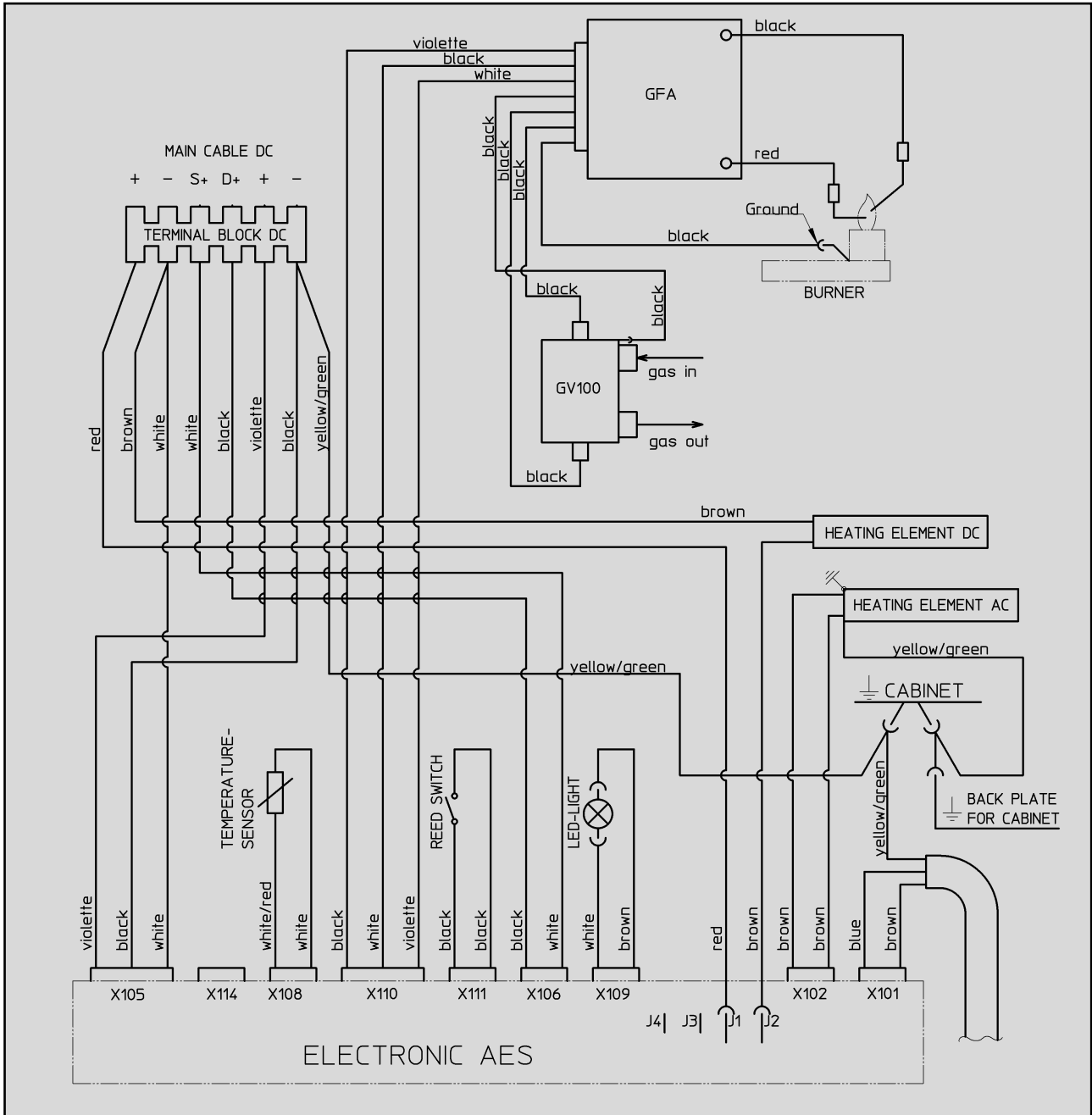


Fig. E38

**i** For operation, it is compulsory to provide the device with a permanent 12V DC connection at terminals C/D (permanent voltage supply for the functional electronics).

**Wiring diagram RM8xx5 with electrical lock (optional):**

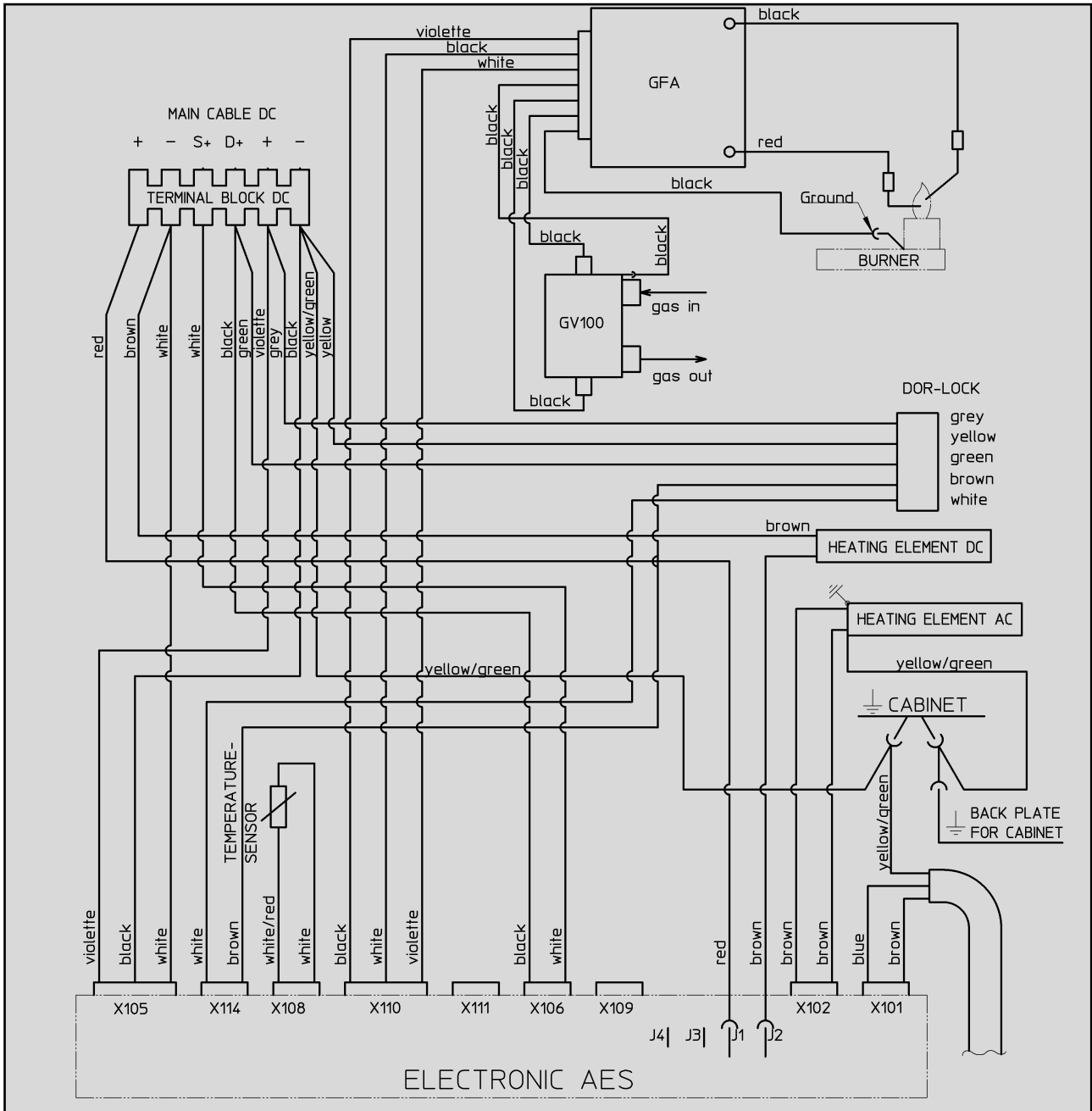


Fig. E39

**i** For operation, it is compulsory to provide the device with a permanent 12V DC connection at terminals C/D (permanent voltage supply for the functional electronics).



## E2.0 Annex

### E2.1 Technical data

RMS = Stufenschrank

Model	Dimensions (H x W x D) Depth incl. door	Gross capacity		Connection mains / battery	Consumption electricity/gas over 24hrs	Net weight	Ignition	
		with freezer compartment	without				manual	automat.
RMS 8400	821x486x568	80 / 8 lit.	85 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	25 kg	•	
RMS 8401	821x486x568	80 / 8 lit.	85 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	25 kg		•
RMS 8405	821x486x568	80 / 8 lit.	85 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	25 kg		•
RM 8400	821x486x568	90 / 8 lit.	95 lit.	135 W / 130 W	ca.2,4 KWh / 270 g	27 kg	•	
RM 8401	821x486x568	90 / 8 lit.	95 lit.	135 W / 130 W	ca.2,4 KWh / 270 g	27 kg		•
RM 8405	821x486x568	90 / 8 lit.	95 lit.	135 W / 130 W	ca.2,4 KWh / 270 g	27 kg		•
RMS 8460	821x486x633	90 / 11 lit.	96 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	26 kg	•	
RMS 8461	821x486x633	90 / 11 lit.	96 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	26 kg		•
RMS 8465	821x486x633	90 / 11 lit.	96 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	26 kg		•
RMS 8500	821x523x568	90 / 9 lit.	96 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	26 kg	•	
RMS 8501	821x523x568	90 / 9 lit.	96 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	26 kg		•
RMS 8505	821x523x568	90 / 9 lit.	96 lit.	125 W / 120 W	ca.2,5 KWh / 270 g	26 kg		•
RMS 8550	821x523x623	103 / 12 lit.	110 lit.	125 W / 120 W	ca.2,6 KWh / 270 g	27 kg	•	
RMS 8551	821x523x623	103 / 12 lit.	110 lit.	125 W / 120 W	ca.2,6 KWh / 270 g	27 kg		•
RMS 8555	821x523x623	103 / 12 lit.	110 lit.	125 W / 120 W	ca.2,6 KWh / 270 g	27 kg		•
RM 8500	821x523x568	100 / 9 lit.	106 lit.	135 W / 130 W	ca.2,4 KWh / 270 g	28 kg	•	
RM 8501	821x523x568	100 / 9 lit.	106 lit.	135 W / 130 W	ca.2,4 KWh / 270 g	28 kg		•
RM 8505	821x523x568	100 / 9 lit.	106 lit.	135 W / 130 W	ca.2,4 KWh / 270 g	28 kg		•
RM 8550	821x523x623	115 / 12 lit.	122 lit.	135 W / 130 W	ca.2,6 KWh / 270 g	30 kg	•	
RM 8551	821x523x623	115 / 12 lit.	122 lit.	135 W / 130 W	ca.2,6 KWh / 270 g	30 kg		•
RM 8555	821x523x623	115 / 12 lit.	122 lit.	135 W / 130 W	ca.2,6 KWh / 270 g	30 kg		•
RML 8550	1245x525x625	179 / 33 lit.	189 lit.	190 W / 170 W	ca.3,2 KWh / 380 g	45 kg	•	
RML 8551	1245x525x625	179 / 33 lit.	189 lit.	190 W / 170 W	ca.3,2 KWh / 380 g	45 kg		
RML 8555	1245x525x625	179 / 33 lit.	189 lit.	190 W / 170 W	ca.3,2 KWh / 380 g	45 kg		

## E2.2 Declaration of Conformity

		
<b>DECLARATION OF CONFORMITY</b>		
according to		
Low Voltage Directive 73/23/EEC and the Amendment to LVD 90/683/EEC EMC Directive 89/336/EEC, 2004/108/EC Automotive Directive 72/245/EEC and the Amendment 95/54/EC, 2004/104/EC GAS Directive 90/396/EEC CE Marking Directive 93/68/EEC End-of-Life Vehicle Directive 2000/53/EC RoHS Directive 2002/95/EC		
<b>Type of equipment</b>	Absorption Refrigerator	
<b>Brand Name</b>	DOMETIC	
<b>Type family</b>	C 40/110	
<b>Manufacturer's (Factory) name</b>	DOMETIC GmbH	
<b>address</b>	In der Steinwiese 16, D-57074 Siegen	
<b>telephone no</b>	INT+49 - 271 692 0	
<b>telefax no</b>	INT+49 - 271 692 304	
The following harmonized standards or technical specifications (designations) which comply with good engineering practice in safety matters in force within the EEA have been practiced: EN 60335-1;94, A1, A2, A11-16 (IEC 335-1; 3 ed., Am. 1, Am. 2), EN 60335-2-24;00 (IEC 335-2-24; 5 ed. + Corr. 1) EN 61000-3-2;95, A1, A2, A14      EN 61000-3-3;95, A1, EN 55014-1;00, A1, A2              EN 55014-2;97, A1 EN 732;98      EN 50165;97+A1      EN 624;00 (LSC-Models)		
The equipment conforms completely with the above stated harmonized standards or technical specifications.		
By signing this document, the undersigned declares as manufacturer, or the manufacturer's authorized representative established within the EEA, that the equipment in question complies with the requirements stated above. Manufacturer		
<b>Date</b>	<b>Signature</b>	<b>Position</b>
2006.09.28	 Gunther Bittner	General Manager



Dometic GmbH  
In der Steinwiese 16  
D-57074 Siegen

[www.dometic.com](http://www.dometic.com)