



TECHNOLOGY FOR LIFE

 **Dometic**



LABORATORY / MEDICINE / PHARMACEUTICAL REFRIGERATORS

Biomedical Refrigeration | PR / MP (with glass door)

- Safe storage of temperature-sensitive preparations at +4°C/ +5°C
- According to DIN 58345

www.dometic.lu

PR range



Refrigerators for the storage of laboratory and pharmaceutical preparations being subject to cold chain and temperature sensitivity (according to DIN 58345)

The product range PR offers volumes from 106 to 746 litres. PR models are equipped with a glass door for quick checks and pre-selection of the refrigerator's content.

The transparent front panels of the ST-Drawers, which are part of the standard equipment of the PR models, minimize physically caused cold losses when the door is opened.

Being in conformity with the Dometic Gold Safety Standard these models even exceed official safety standards.

Models PR 250 G – 750 G are available as 220 V and 115 V version.



Laboratory / Medicine / Pharmaceutical Refrigerators I +4°C

The Safety Standards developed by Dometic define certain significant technical features of a product. These ensure the safe storage of the preparations as well as the trend-setting safety of the user.



The Dometic Gold Safety Standard efficiently complements the safety requirements of the Dometic Silver Safety Standard and therefore exceeds even the official standards. Gold models are denominated with a "G".



The new "green" models (denominated with a "G") convince by their technical optimizations in terms of economy and environmental protection. Characteristic features are:

- use of natural gases as refrigerants
- 40-60% less energy consumption
- up to 40% less power needed
- over 80% less heat ejection

In addition, the new "green" models stand out because of improved hold over times thanks to optimized door insulation and drastically reduced noise level for more workplace convenience.

MODEL	PR 110 G ^G	PR 250 G / G ^G	PR 410 G / G ^G	PR 490 G / G ^G	PR 750 G / G ^G
DIN 58345 (Refrigerators for drugs)	■	■	■	■	■
Glass door with triple insulating glazing	■	■	■	■	■
GMP Clean Room Class A / ISO 5 (ISO EN 14644-1)	■	■	■	■	■
Dometic Electronic	■	■	■	■	■
Key-operated power switch (power ON/OFF)	■	■	■	■	■
Safety door lock	■	■	■	■	■
Digital temperature indicator (display: 0.1 digits)	■	■	■	■	■
Controlled fan cooling system for constant temperature and even temperature distribution across the entire refrigerating chamber. Automatic fan switch-off when front door opens	■	■	■	■	■
Self-contained alarm system with integrated battery takes over the alarm function and temperature value measurements in case of power failure for at least 48 hours	■	■	■	■	■
Acoustic/visual alarm signal in case of temperature alarm and power failure	■	■	■	■	■
All relevant data of temperature alarm and power failure alarm are stored in the alarm history. Such as date and time of start and end, min. max and average temperature	■	■	■	■	■
Alarm function test: simulation of a temperature rise or drop in order to test the alarm functionality	■	■	■	■	■
Control via self-diagnostic system	■	■	■	■	■
Safety thermostat prevents dropping of the cold storage products' temperature below +2°C	■	■	■	■	■
Interior lighting	■	■	■	■	■
Door opening alarm	■	■	■	■	■
Remote transmission alarm signal (via potential-free contact) in case of temperature alarm (change-over contact)	■	■	■	■	■
Remote transmission alarm signal (via potential-free contact) in case of power failure (change-over contact)	■	■	■	■	■
Automatic closing of the front door below a door opening angle of 90°	-	■	■	■	■
Interior made from stainless steel	■	■	■	■	■
Climate class (ambient temperature range) SN/T (+10°C to +43°C)	■	■	■	■	■
Smooth castors with stabilizers for optimum flexibility of movement	-	■	■	■	■
RS 485 interface for the display of all operating and control functions (hardware and software settings) via DMN monitoring software on a peripheral device (computer)	■	■	■	■	■
DMN Software package	■	■	■	■	■
DCU - Dometic Communication Unit	□	□	□	□	□

■ standard □ optional - not available



DIN 58345



Gross volume	106 l	246 l
Net volume	92 l	167 l
External dimensions (H x W x D)	820 x 560 x 580 mm	1305 x 850 x 785 mm
Inner dimensions (H x W x D)	495 x 470 x 455 mm	655 x 680 x 552 mm
Net weight (with standard equipment)	76 kg	142/138 kg
Set temperature (preset)	+4°C	+4°C
Set temperature (setting range) can be adjusted in steps of 0.1 °C	+4°C to +15°C	+4°C to +15°C
Cold alarm limit (preset)	+2°C	+2°C
Warm alarm limit (preset)	+6°C	+6°C
Control sensor	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B
Precision (from -80°C to +180°C)	± 0,2°C	± 0,2°C
Display sensor, optional	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B
Precision (from -80°C to +180°C)	± 0,2°C	± 0,2°C
Frequency 220-240 V	50/60 Hz	50/60 Hz
Frequency 115 V	-	60 Hz
Power 220-240 V	80 W	215 W
Power 115 V	-	295 W
Energy consumption 220-240 V	0.75 kWh/24h	1.50 kWh/24h
Energy consumption 115 V	-	1.40 kWh/24h
Heat emission 220-240 V	18 Kcal/h	31 Kcal/h
Heat emission 115 V	-	36 Kcal/h
Compressor running time 220-240 V	26%	18%
Compressor running time 115 V	-	13%
Noise level (at 1m height & 1m distance) 220-240 V	41 dB(A)	49 dB(A)
Noise level (at 1m height & 1m distance) 115 V	-	55 dB(A)
Accu data / function time of the control panel when power failure	12V -7 AH / 48 hours	12V -7 AH / 48 hours
Climate class (ambient temperature range)	SN/T (+10°C to +43°C)	SN/T (+10°C to +43°C)
Relative humidity range at ambient temperature	≤ 75%	≤ 75%
Defrosting technique	natural	natural
Refrigerant type	R600a	R134a
Door insulation (polyurethane), with triple insulating glass	65 mm	100 mm
Casing insulation (polyurethane)	25 mm PU + 20 mm VIP	85 - 95 mm
Hold over time	102 min (from +4°C to +10°C)	192 min (from +4°C to +10°C)
Safety class	I	I
EMC directive	2004 / 108 / EEC	2004 / 108 / EEC
Low voltage directive	2006 / 95 / EEC	2006 / 95 / EEC
GMP - clean room classification	A / ISO 5	A / ISO 5
Material inner body	Stainless steel (V2A - 1.4301)	Stainless steel (V2A - 1.4301)
Material outer casing & door	Galvanized sheet steel (STO2Z-AZ150)	Galvanized sheet steel (STO2Z-AZ150)
Material Drawers	Stainless steel (V2A - 1.4301)	Stainless steel (V2A - 1.4301)
Material Wire Shelves	Wire DIN 172-2, PA11 coated	Wire DIN 172-2, PA11 coated
Material N-Rack	-	Polycarbonate, transparent
Color outer casing	White (similar RAL 9010)	White (similar RAL 9010)
Color contrasts	Blue (similar RAL 5002)	Blue (similar RAL 5002)

Interior Equipment & Options (Concerning further information on accessories please see our separate leaflet "Racking & Storage Systems")

Standard interior equipment	ST-Drawers with Front Cover	2 ■	1 ■
	Wire Shelves	-	1 ■
RS485 interface		■	■
DMN Software package		■	■
DCU LAN/WLAN		□	□
Ambient temperature sensor		□	□
Potential-free contact in case of power failure		■	■
Integrated inlet for external sensor (installed by customer)		■	■
Additional reference bottle with reference fluid and fitting		□	□
Condenser filter		-	■
Smooth castors with stabilizers for optimum flexibility of movement		-	■
Interior lighting		■	■
Integrated temperature recorder in form of a circular chart recorder/recording range: -10°C to +20°C		for 24h or 7 days □	for 24h or 7 days □
External water cooling		-	□
Door hinge right		■	■
Door hinge left		□	□
Wooden packaging for ocean transport / export		□	□

■ standard / □ optional / - not available

All values were measured at +25°C ambient temperature and without load (with inertial mass).

MP range



Refrigerators for the storage of laboratory and pharmaceutical preparations being subject to cold chain and temperature sensitivity (according to DIN 58345)

The product range MP offers volumes from 155 to 1301 litres including one combined refrigerator/ freezer model.

MP models are equipped with a glass door for quick checks and pre-selection of the refrigerator's content.

Being in conformity with the Dometic Silver Safety Standard these models ensure a reliable and safe operation.



Laboratory / Medicine / Pharmaceutical Refrigerators I +5°C

The Safety Standards developed by Dometic define certain significant technical features of a product. These ensure the safe storage of the preparations as well as the trend-setting safety of the user.



The Dometic Silver Safety Standard ensures the reliable and safe operation of all Dometic refrigerators and deep freezers. Safety for the stored preparations and the user. Silver models are denominated with a "S".



The new "green" models (denominated with a "G") convince by their technical optimizations in terms of economy and environmental protection. Characteristic features are:

- use of natural gases as refrigerants
- 40-60% less energy consumption
- up to 40% less power needed
- over 80% less heat ejection

In addition, the new "green" models stand out because of improved hold over times thanks to optimized door insulation and drastically reduced noise level for more workplace convenience.

MODEL	MP 155 S ^G	MP 320 S	MP 355 S	MP 360 CS	MP 580 S	MP 1300 S
DIN 58345 ¹ (Refrigerators for drugs)	■	■	■	■	■	■
Glass door ² with insulating glazing	■	■	■	■	■	■
GMP Clean Room Class B / ISO 6 (ISO EN 14644-1)	■	■	■	■	■	■
Dometic Electronic	■	■	■	■	■	■
Key-operated power switch (power ON/OFF)	■	■	■	■	■	■
Safety door lock	■	■	■	■	■	■
Digital temperature indicator (display: 0.1 digits)	■	■	■	■	■	■
Controlled fan cooling system ² for constant temperature and even temperature distribution across the entire refrigerating chamber. Automatic switch-off when front door opens	■	■	■	■	■	■
Self-contained alarm system with integrated battery takes over the alarm function and temperature value measurements in case of power failure for at least 48 hours	■	■	■	■	■	■
Acoustic/visual alarm signal in case of temperature alarm and power failure	■	■	■	■	■	■
The alarm history on the operation and control panel stores all the relevant values during a temperature alarm, such as: min., max. and average temperature and also the duration of the alarm	■	■	■	■	■	■
Alarm function test: simulation of a temperature rise or drop in order to test the alarm system	■	■	■	■	■	■
Control via self-diagnostic system	■	■	■	■	■	■
Safety thermostat ² prevents dropping of the cold storage products' temperature below +2°C	■	■	■	■	■	■
Door opening alarm	■	■	■	■	■	■
Remote transmission alarm signal (via potential-free contact) in case of temperature alarm (change-over contact)	■	■	■	■	■	■
Remote transmission alarm signal (via potential-free contact) in case of power failure (change-over contact)	■	■	■	■	■	■
RS 485 interface for the display of all operating and control functions (hardware and software settings) via DMN monitoring software on a peripheral device (computer)	■	■	■	■	■	■
DMN software package	■	■	■	■	■	■
DCU - Dometic Communication Unit	□	□	□	□	□	□

■ standard □ optional – not available

¹ According point 4.2.2. Thermal insulation (requirements & tests): for the models MP (pharmaceutical refrigerators with glass door), condensate formation is possible at ambient temperature of +35°C and at the lowest setpoint of +5°C (because of the glass door).

² not for deep freezer of the refrigerator/deep freezer combination MP 360 CS



DIN 58345

Technical Data

MP 155 S6

MP 320 S



Gross volume	155 l	322 l
Net volume	141 l	274 l
External dimensions (H x W x D)	900 x 595 x 605 mm	1830 x 595 x 605 mm
External dimensions (H x W x D) (with mounted temperature recorder)	1075 x 595 x 605 mm	1990 x 595 x 605 mm
Inner dimensions (H x W x D)	745 x 485 x 455 mm	1496 x 500 x 455 mm
Net weight (with standard equipment)	54 kg	91 kg
Set temperature (preset)	+5°C	+5°C
Set temperature (setting range) can be adjusted in steps of 0.1 °C	+5°C to +15°C	+5°C to +15°C
Temperature cold alarm limit (preset)	+2°C	+2°C
Temperature warm alarm limit (preset)	+8°C	+8°C
Control sensor	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B
Precision (from -80°C to +180°C)	± 0,2°C	± 0,2°C
Display sensor, optional	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B
Precision (from -80°C to +180°C)	± 0,2°C	± 0,2°C
Voltage	220-240 V - 50Hz (10A)	220-240 V - 50/60Hz (10A)
Power	70 W	140 W
Energy consumption	0.76 kWh /24h	1.60 kWh /24h
Heat emission	22 Kcal/h	120 Kcal/h
Compressor running time	36%	45%
Noise level (at 1m height & 1m distance)	41 dB(A)	42 dB(A)
Accu data / function time of the control panel when power failure	12V – 7Ah / 48 hours	12V – 7Ah / 48 hours
Climate class (ambient temperature range)	SN (+10°C to +32°C)	SN (+10°C to +32°C)
Relative humidity	70%	70%
Defrosting technique	natural	natural
Refrigerant type	R600a	R134a
Door insulation (polyurethane)	triple glass	double glass
Casing insulation (polyurethane)	30 – 55 mm	50 – 55 mm
Hold over time	55 min (from +5°C to +10°C)	18 min (from +5°C to +10°C)
Safety class	I	I
EMC directive	2004 / 108 / EEC	2004 / 108 / EEC
Low voltage directive	2006 / 95 / EEC	2006 / 95 / EEC
GMP - clean room classification	B / ISO 6	B / ISO 6
Material inner body	Polystyrene (PS)	Styrene (SAN)
Material outer casing and door	Galvanized sheet steel (STO2Z – AZ150)	Galvanized sheet steel (STO2Z – AZ150)
Material Drawers	Polycarbonate, transparent	Polycarbonate, transparent
Material Wire Shelves	Wire DIN 172-2, PA11 coated	Wire DIN 172-2, PA11 coated
Color outer casing	White (similar RAL 9010)	White (similar RAL 9010)
Color contrasts	Blue (similar RAL 5002)	Blue (similar RAL 5002)

Interior Equipment & Options (Concerning further information on accessories please see our separate leaflet “Racking & Storage Systems”)

Standard interior equipment	3 Wire Shelves <input checked="" type="checkbox"/>	6 Wire Shelves <input checked="" type="checkbox"/>
RS 485 interface	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DMN Software package	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DCU - Dometic Communication Unit	<input type="checkbox"/>	<input type="checkbox"/>
Ambient temperature sensor	<input type="checkbox"/>	<input type="checkbox"/>
Potential-free contact in case of power failure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Integrated inlet for external sensor (installed by customer)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Additional reference bottle with reference fluid and fitting	<input type="checkbox"/>	<input type="checkbox"/>
Interior lighting	<input type="checkbox"/>	<input type="checkbox"/>
Glass door heating (anti-mist)	-	<input type="checkbox"/>
Smooth castors with stabilizers	-	-
Temperature recorder in form of a circular chart recorder / recording range: -10°C to +20 °C	Mounted, for 24h or 7 days <input type="checkbox"/>	Mounted, for 24h or 7 days <input type="checkbox"/>
Door hinge right	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Door hinge left	<input type="checkbox"/>	<input type="checkbox"/>
Wooden packaging for ocean transport / export	<input type="checkbox"/>	<input type="checkbox"/>

■ standard / □ optional / - not available

All values were measured at +25°C ambient temperature and without load (with inertial mass).

MP 355 S

MP 360 CS
Refrigerator

MP 360 CS
Deep Freezer

MP 580 S

MP 1300 S



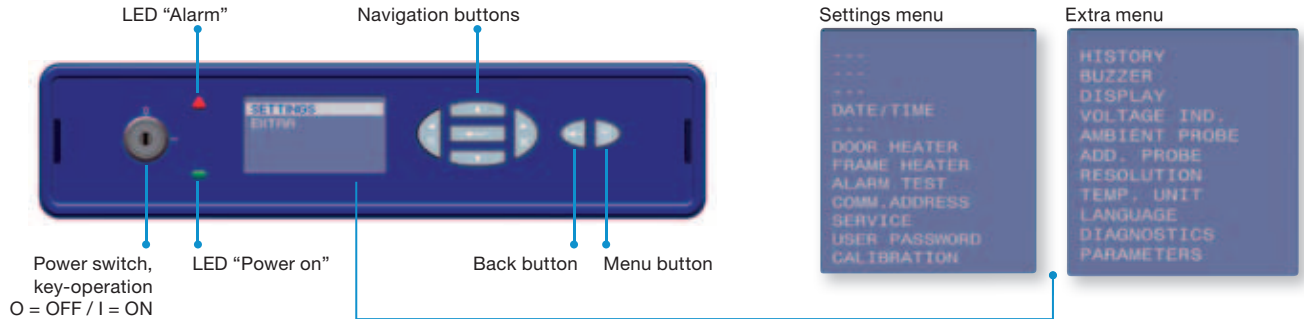
353 l	239 l	118 l	578 l	1301 l
340 l	218 l	106 l	518 l	1183 l
1690 x 700 x 616 mm	2030 x 595 x 605 mm	2030 x 595 x 605 mm	1980 x 750 x 800 mm	1980 x 1500 x 800 mm
1850 x 700 x 616 mm	2190 x 595 x 605 mm	2190 x 595 x 605 mm	-	-
1460 x 605 x 473 mm	934 x 525 x 482 mm	735 x 475 x 462 mm	1435 x 600 x 645 mm	1435 x 1350 x 645 mm
102 kg	109 kg	109 kg	163 kg	277 kg
+5°C	+5°C	-35°C	+5°C	+5°C
+5°C to +15°C	+5°C to +15°C	-20°C to -35°C	+5°C to +15°C	+5°C to +15°C
+2°C	+2°C	-40°C	+2°C	+2°C
+8°C	+8°C	-30°C	+8°C	+8°C
PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B
± 0,2°C	± 0,2°C	± 0,2°C	± 0,2°C	± 0,2°C
PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B	PT1000 2-WIRE 1/3DIN CL.B
± 0,2°C	± 0,2°C	± 0,2°C	± 0,2°C	± 0,2°C
220-240 V – 50Hz (10A)	220-240 V – 50Hz (10A)	220-240 V – 50Hz (10A)	220-240 V – 50Hz (10A)	220-240 V – 50Hz (10A)
160 W	130 W	220 W	400 W	600 W
1.86 kWh /24h	1.38 kWh /24h	2.60 kWh /24h	3.50 kWh /24h	5.50 kWh /24h
155 Kcal/h	95 Kcal/h	215 Kcal/h	300 Kcal/h	430 Kcal/h
45%	30%	48%	40%	48%
44 dB(A)	42 dB(A)	43 dB(A)	47 dB(A)	50 dB(A)
12V – 7Ah / 48 hours	12V – 7Ah / 48 hours	12V – 7Ah / 48 hours	12V – 7Ah / 48 hours	12V – 7Ah / 48 hours
SN (+10°C to +32°C)	SN (+10°C to +32°C)	SN (+10°C to +32°C)	SN (+10°C to +32°C)	SN (+10°C to +32°C)
70%	70%	70%	70%	70%
natural	natural	manual	natural	natural
R134a	R134a	R404a	R134a	R134a
double glass	double glass	50 mm	triple glass	triple glass
40 – 50 mm	30 – 68 mm	50 – 85 mm	75 mm	75 mm
15 min (from +5°C to +10°C)	30 min (from +5°C to +10°C)	60 min (from -35°C to -18°C)	30 min (from +5°C to +10°C)	30 min (from +5°C to +10°C)
I	I	I	I	I
2004 / 108 / EEC	2004 / 108 / EEC	2004 / 108 / EEC	2004 / 108 / EEC	2004 / 108 / EEC
2006 / 95 / EEC	2006 / 95 / EEC	2006 / 95 / EEC	2006 / 95 / EEC	2006 / 95 / EEC
B / ISO 6	B / ISO 6	B / ISO 6	B / ISO 6	B / ISO 6
Polystyrene (PS)	Styrene (SAN)	Styrene (SAN)	Stainless steel (V2A – 1.4301)	Stainless steel (V2A – 1.4301)
Galvanized sheet steel (STO2Z – AZ150)	Galvanized sheet steel (STO2Z – AZ150)	Galvanized sheet steel (STO2Z – AZ150)	Stainless steel (V2A – 1.4301)	Stainless steel (V2A – 1.4301)
Polycarbonate, transparent	Polycarbonate, transparent	Styrene (SAN)	Stainless steel (V2A – 1.4301)	Stainless steel (V2A – 1.4301)
Wire DIN 172-2, PA11 coated	Wire DIN 172-2, PA11 coated	-	Wire DIN 172-2, PA11 coated	Wire DIN 172-2, PA11 coated
White (similar RAL 9010)	White (similar RAL 9010)	White (similar RAL 9010)	Stainless steel (V2A – 1.4301)	Stainless steel (V2A – 1.4301)
Blue (similar RAL 5002)	Blue (similar RAL 5002)	Blue (similar RAL 5002)	Blue (similar RAL 5002)	Blue (similar RAL 5002)

5 Wire Shelves <input checked="" type="checkbox"/>	4 Wire Shelves <input checked="" type="checkbox"/>	4 Drawers <input checked="" type="checkbox"/>	6 Wire Shelves <input checked="" type="checkbox"/>	12 Wire Shelves <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-	-	-	<input type="checkbox"/>	<input type="checkbox"/>
Mounted, for 24h or 7 days <input type="checkbox"/>	Mounted, for 24h or 7 days <input type="checkbox"/>	Mounted, for 24h or 7 days <input type="checkbox"/>	Integrated, for 24h or 7 days <input type="checkbox"/>	Integrated, for 24h or 7 days <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Dometic Electronic

The new and innovative Dometic Electronic (operation and control panel) assures thanks to its password protected settings menu optimum protection for your stored preparations.

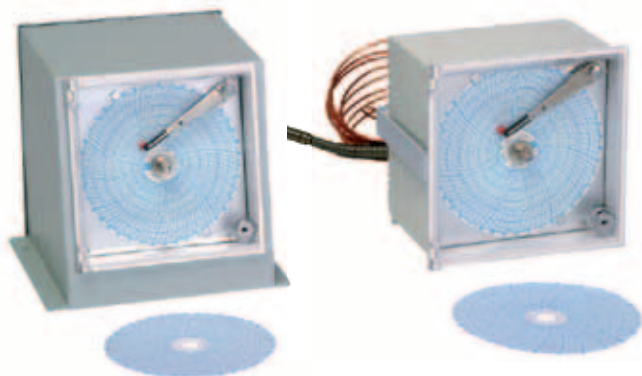
The menu structure of the modern and user-friendly graphic display offers a simple and intuitive utilization.



The new Dometic Electronic also offers:

- A wide range of adjustment and diagnostic facilities as well as additional protection / warning operations (via external alarm operations, histories and individual display signals).
- An optional PT100 sensor inlet to show the sensor's temperature data on the display as well as forwarding and further processing via a 4 ... 20 mA outlet.
- An optional 4...20 mA outlet to transmit temperature data of a sensor connected to the electronic.
- Connection facilities for additional (optional) temperature sensors.
- DMN (Dometic Monitoring Network) and the (optional) DCU (Dometic Communication Unit) allows illustration of texts on the product's display.

Equipment / Options (extract)

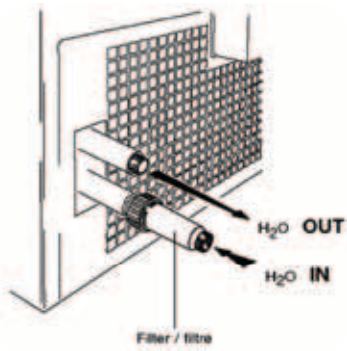


Temperature recorder (in form of a circular chart recorder) (optional, within the mounted casing for MP model range, integrated for PR model range)



Remote temperature and power failure alarm

Equipment / Options (extract)



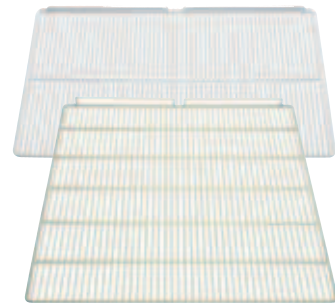
Water cooling, external (ex factory)
(optional, for PR model range 250 G/GG – 750 G/GG)



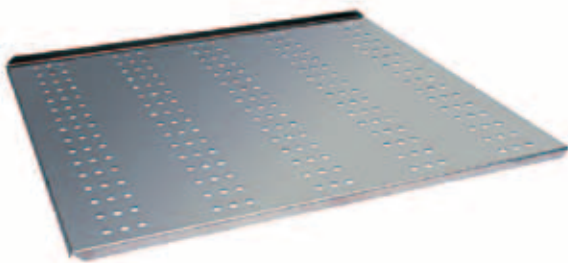
ST-Drawers with/without Front Cover, on telescopic runners with safety stop (optional, for PR model range)



N-Racks with/without Front Cover can be subdivided into compartments (optional, for PR model range 250 G/GG – 750 G/GG)



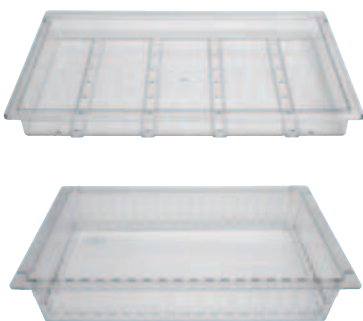
Wire Shelves in different sizes, depending on model



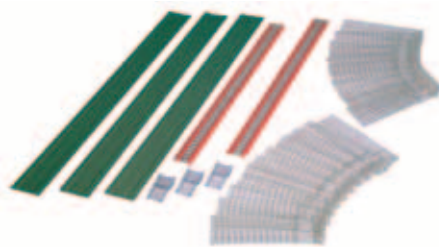
ST Cover - Wire Shelf (optional, for PR model range 250 G/GG – 750 G/GG)



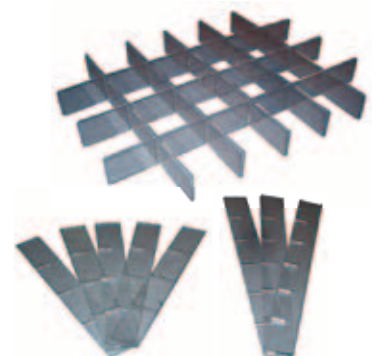
AL-Drawer telescopic rails with stop as standard (optional, for MP models)



PC-Drawer sliding profiles as a standard (optional, for MP models)



AL-Kit (aluminium)
for AL-Drawers



PC-Kit (polycarbonate)
for PC-Drawers

DMN – Dometic Monitoring Network

Universal software for collection, long-term recording and visualization of temperature data.

- Complete activity list (password protected).
 - Integrated event and activity history of all appliance components.
 - Graphical visualisation of all temperature curves.
 - Connection to existing or third-party appliances via network technology (LAN, WLAN, WAN).
 - Simultaneous data monitoring and recording.
 - Possibility for specific and individually configurable alarm forwardings, e. g. via email, SMS (with optional GSM module) or via DECT.
 - Simple and intuitive utilization.
 - Essential price advantage compared to a traditional circular chart recorder and its spare parts.
- Free of charge for all Dometic Gold & Silver ranges
 - Real-time temperature output for third-party software

Your essential advantages:

- Access to the data within your entire network via one central database
- Economy of time and money as regular changes of recorder paper, ink and battery is not necessary.



DCU – Dometic Communication Unit

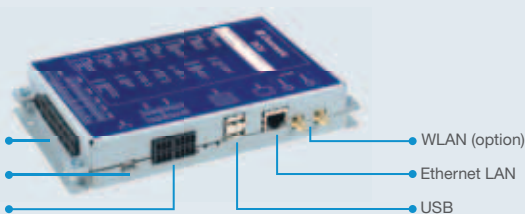
Hardware module that notes all operating conditions and passes them through to a central data base – via local network, on which devices are connected.

- Interface connection of Dometic appliances to an existing network.
 - The DCU offers direct connection to the Ethernet, even wireless, to the serial BUS RS 485, as well as to the central building control system (4 ... 20 mA).
 - Possibility of connection of actors (4 ... 20 mA out).
 - Digital IN/OUT (customer-specific use of these connections is programmable).
 - The integrated USB port allows stored data to be written to an external memory stick.
 - Recording and storage of relevant data of the appliance.
 - The DCU replaces the paper temperature recorder.
 - The DCU works with all Gold electronics from 2000 on
 - All data are recorded and saved in the data base of the DMN and are available for analysis at any time.
- Possibility of connection of several additional self-sufficient temperature sensors (up to 4 PT1000 & 2 PT100).

Your essential advantages:

- One integrative system for collecting all temperature relevant appliances and ambients.
- Many different connection facilities allow flexible upgrades for individual projects.

CON1: DC inlet
CON2: Electronic
CON3: -----
CON4-6: Add. sensors
CON7: 4-20mA / RS 232
CON8: RS 485



DMN & DCU in combination offer a highly flexible system that is adaptable to specific customer requirements

- **Complete & legally safe documentation of temperature data**
- **Comprehensive applications and diagnostic possibilities**