







LABORATORY / MEDICINE / PHARMACEUTICAL REFRIGERATORS

Biomedical Refrigeration I PR / MP (with glass door)

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

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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.



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 enviromental protection. Characteristic features are:

- use of natural gases as refrigerants \rightarrow
- \rightarrow 40-60% less energy consumption
- up to 40% less power needed \rightarrow
- \rightarrow 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 GG	PR 250 G / GG	PR 410 G / GG	PR 490 G / GG	PR 750 G / GG
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					

standard



GS CE GMP

REINRAUMKLASSIFIZIERUNG



DIN 58345

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Technical Data







Gross volume			106 I		246 I
Net volume			921		167 I
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-W	RE 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-W	RE 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	50 Hz
Frequency 115 V				60 Hz	
Power 220-240 V			80.W/	215 W	120 W
Power 115 V				215 W	120 VV
Fower 115 V			0.75 kW/b/04b	1 50 kWb/24b	0.05 kWb/24b
Energy consumption 220-240 V			0.75 KW1/2411	1.50 KVVI/24/1	0.95 KVVI/241
Energy consumption 115 v			-	1.40 KWh/24h	00.1/ 1/
Heat emission 220-240 V			18 Kcal/n	31 Kcal/h	22 Kcal/n
Heat emission 115 V				36 Kcal/h	
Compressor running time 220-240 V			26%	18%	21%
Compressor running time 115 V				13%	
Noise level (at 1m height & 1m distance	e) 220-240 V		41 dB(A)	49 dB(A)	42 dB(A)
Noise level (at 1m height & 1m distance	e) 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 (ambiant temperature rar	ge)		SN/T (+10°C to +43°C)	SN/T (+10°C to +43°C)
Relative humidity range at ambient tem	perature		<u>≤75%</u>		≤ 75%
Defrosting technique			natural		natural
Refrigerant type			R600a	R134a	R600a
Door insulation (polyurethane), with trip	le 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	1 +4°C to +10°C)
Safety class			1		
EMC directive			2004 / 108 / EEC	2	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 ste	el (V2A – 1.4301)
Material outer casing & door			Galvanized sheet steel	Galva	nized sheet steel
Material Dreware			(STO2Z-AZ150)	Ctainlaga ata	(STO2Z-AZ150)
Material Drawers			Stainless steel $(V2A - 1.4301)$	Stainless ste	31(V2A - 1.4301)
Material Wire Sneives			Wire DIN 172-2, PATT coated	VVIre DIN 172	-2, PATT coated
Material N-Rack			-	Polycarbor	hate, transparent
Color outer casing			White (similar RAL 9010)	White (s	imilar RAL 9010)
Color contrasts			Blue (similar RAL 5002)	Blue (s	imilar RAL 5002)
Interior Equipment & Opt	ions (Concerning further inform	ation on accessories pleas	se see our separate leaflet "Rack	ing & Storage S	ystems")
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				

-free contact in case of power otential Integrated inlet for external sensor (installed by customer) Additional reference bottle with reference fluid and fitting \Box \Box 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 / O optional / - not available All values were measured at +25°C ambient temperature and without load (with inertial mass).



PR 750 G / GG

PR 410 G / GG PR 490 G / GG







	489		746		
	395	62			
1950 x 850 x 785 mm		1990	x 910 x 985 mm		
1300	x 680 x 552 mm	1352	x 730 x 760 mm		
	201/195 kg		242/236 kg		
	+4°C		+4°C		
	+4°C to +15°C		+4°C to +15°C		
	+2°C		+2°C		
	+6°C		+6°C		
PT1000 2-WI	RE 1/3DIN CL.B	PT1000 2-WI	RE 1/3DIN CL.B		
	± 0,2°C		± 0,2°C		
PT1000 2-WI	RE 1/3DIN CL.B	PT1000 2-WI	RE 1/3DIN CL.B		
	± 0,2°C		± 0,2°C		
50/60 Hz	50 Hz	50/60 Hz	50 Hz		
60 Hz		60 Hz	-		
265 W	120 W	280 W	120 W		
320 W		330 W	-		
1.80 kWh/24h	1.00 kWh/24h	2.00 kWh/24h	1.20 kWh/24h		
2.00 kWh/24h	-	2.10 kWh/24h	-		
48 Kcal/h	27 Kcal/h	58 Kcal/h	29 Kcal/h		
58 Kcal/h		62 Kcal/h	-		
23%	26%	24%	28%		
16%		22%	-		
51 dB(A)	42 dB(A	51 dB(A)	42 dB(A)		
55 dB(A)	_	55 dB(A)	-		
12V -	-7 AH / 48 hours	12V -	-7 AH / 48 hours		
SN/T (+10°C to +43°C)	SN/T (-	+10°C to +43°C)		
	≤ 75%		≤ /5%		
	natural	5494	natural		
R134a	R600a	R134a	R600a		
	100 mm		85 mm		
85 – 95 mm		100 min (frame	90 mm		
2 IU min (from	$1+4^{-}C$ to $+10^{-}C$	168 min (from	$1+4^{-}C$ to $+10^{-}C$		
2004 / 108 / EEC		2004 / 108 / EEC			
2006 / 95 / EEC			2006/95/EEC		
Staiplaga ato	inless steel (//2) A 1 (201)		A/ ISU 5		
Galva	$\frac{1}{2}(\sqrt{2}A - 1.4301)$	1) Starriess steel (VZA - 1.430			
Gaivai	(STO2Z-AZ150)	-AZ150) (STO2Z-AZ150			
Stainless steel (V2A – 1.4301)		Stainless stee	el (V2A – 1.4301)		
Wire DIN 172-2, PA11 coated		Wire DIN 172	-2, PA11 coated		
Polycarbor	ate, transparent	Polycarbor	Polycarbonate, transparent		
White (s	imilar RAL 9010)	White (similar RAL 9010)			
Blue (similar RAL 5002) Blue (similar RAL 50			imilar RAL 5002)		

	408 I		
	3191		
1735	x 850 x 785 mm		
1085	x 680 x 552 mm		
	180/174 kg		
	+4°C		
	+4°C to +15°C		
	+2°C		
	+6°C		
PT1000 2-WI	RE 1/3DIN CL.B		
	± 0,2°C		
PT1000 2-W	RE 1/3DIN CL.B		
	± 0,2°C		
50/60 Hz	50 Hz		
60 Hz	-		
240 W	120 W		
285 W	-		
1.70 kWh/24h	1.00 kWh/24h		
1.65 kWh/24h	_		
43 Kcal/h	24 Kcal/h		
49 Kcal/h	_		
21%	23%		
17%			
51 dB(A)	42 dB(A)		
55 dB(A)			
12V -	-7 AH / 48 hours		
SN/T (+10°C to +43°C)			
≤ 75%			
	natural		
R134a	R600a		
	100 mm		
	85 – 95 mm		
204 min (from	1 +4°C to +10°C)		
2	2004 / 108 / EEC		
	2006 / 95 / EEC		
Δ / ISO 5			
Stainless ste	el (V2A – 1.4301)		
Galvanized sheet steel			
(STO2Z-AZ150)			
Stainless ste	el (V2A – 1.4301)		
Wire DIN 172-2, PA11 coated			
Polycarbonate, transparent			
White (s	imilar RAL 9010)		
Blue (s	imilar RAL 5002)		

2 🗖	3 🔳	3 🗖
2 🔳	2 🔳	2 🗖
0		
for 24h or 7 days 🗆	for 24h or 7 days 🗆	for 24h or 7 days 🗆

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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.





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 enviromental 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 SG	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



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Technical Data

MP 320 S





Gloss foldine 10000 1000 1000	Gross volume	1551	3221
Instruction Instruction Instruction External dimensions (H × W × D) 900 × 595 × 605 mm 1830 × 295 × 605 mm Iner dimensions (H × W × D) 900 × 595 × 605 mm 1990 × 595 × 605 mm Iner dimensions (H × W × D) 745 × 485 × 455 mm 1490 × 500 × 495 mm Iner dimensions (H × W × D) 64 kg 91 kg Set temperature (preset) 64 kg 91 kg Set temperature (setting range) can be adjusted in steps of 0.1 °C +5°C to +15°C Temperature (setting range) can be adjusted in steps of 0.1 °C +6°C to +15°C Temperature (setting range) can be adjusted in steps of 0.1 °C +6°C to +15°C Temperature (setting range) can be adjusted in steps of 0.1 °C +2°C Temperature (setting range) can be adjusted in steps of 0.1 °C +2°C Temperature (setting range) can be adjusted in steps of 0.1 °C +2°C Temperature (setting range) can be adjusted in steps of 0.1 °C +2°C Temperature (setting range) can be adjusted in steps of 0.1 °C +2°C Temperature (setting range) 010°C Display sensor, optional P11000 2-WIRE 1/3DIN CLB Protoso for the set of 180°C 100°C × 180°C		141	2741
Laternal dimensions (H × W × D) 100 × 305 × 505 × 005 mm Inner dimensions (H × W × D) 1075 × 365 × 605 mm Net weight (with standard equipment) 34 × 35 × 455 mm Set temperature (preset) -45°C Set temperature (preset) -45°C Set temperature cold alarm limit (preset) -45°C Temperature cold alarm limit (preset) -42°C Temperature cold alarm limit (preset) -42°C Control sensor P11000 2-WIRE 1/3DIN CLB Precision (from -80°C to +180°C) ± 0.2°C Using sensor, optional P11000 2-WIRE 1/3DIN CLB Precision (from -80°C to +180°C) ± 0.2°C Voltage 202-240 V - 50Hz (10A) Power 0.76 KWh /24h Heat mission 228 × 43°F Compressor running time 38 × 45% Accu data / function time of the control panel when power failure 12W - 7A/ 48 hours Climate class (ambiant temperature range) 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) SN (+10°C to + 32°C) SN (+10°C to + 32°C)	External dimensions (H x W x D)	900 x 595 x 605 mm	1830 x 595 x 605 mm
Liner dimensions (H x W x D)100 x Acoust minNet weight (with standard equipment)745 x 485 x 455 mm1436 x 500 x 455 mmNet weight (with standard equipment)45°C+5°CSet temperature (preset)+5°C+5°C to +15°CTemperature (preset)+2°C+2°CTemperature cold alarn limit (preset)+2°C+2°CTemperature varm alarn limit (preset)±0.2°C±0.2°CTemperature varm alarn limit (preset)±0.2°C±0.2°CControl sensor±0.2°C±0.2°CPrecision (from -80°C to +180°C)±0.2°C±0.2°CUbipaly sensor, optionalPT1000 2-WIRE 1/3DIN CLBPT1000 2-WIRE 1/3DIN CLBPrecision (from -80°C to +180°C)±0.2°C±0.2°CVoltage202-400 V -50hC (h0/2)202-200 V -50hC (h0/2)Precision (from -80°C to +180°C)±0.2°C±0.2°CVoltage202-200 V -50hC (h0/2)202-200 V - 50hC (h0/2)Precision (from -80°C to +180°C)±0.2°C±0.2°CPrecision (from -80°C to +180°C)200 K - 400°CPrecision (from -80°C to +180°C)200 K - 400°CPrecision (from -80°C to +180°C)200 K - 400°CPrecision (from -80°C to +180°C)200 K - 400°CControl time of the control panel when power failure120 - 7Ah /48 hoursClimate class (ambiant temperature range)120 - 7Ah /48 hoursClimate class (ambiant temperature range)55 min (from +5°C to +10°C)Pelative humidity70%70%Door insulation (obyurethane)55 min (from +5°C to +10°C)Hol	External dimensions (H x W x D) (with mounted temperature recorder)	1075 x 595 x 605 mm	1990 x 595 x 605 mm
Net weight (with standard equipment)Net weight (with standard equipment)Net weight (with standard equipment)Set temperature (preset)AST45°C45°CSet temperature (setting range) can be adjusted in steps of 0.1 °C+2°C+2°C42°CTemperature varm alarm limit (preset)+2°C+2°C42°CControl sensorPT1000 2-WIRE 1/3DIN CLBPT1000 2-WIRE 1/3DIN CLBPT1000 2-WIRE 1/3DIN CLBPrecision (from -80°C to +180°C)± 0.2°C± 0.2°C± 0.2°CUsiga sensor, optionalPT1000 2-WIRE 1/3DIN CLBPT1000 2-WIRE 1/3DIN CLBPrecision (from -80°C to +180°C)± 0.2°C± 0.2°C± 0.2°CVoltage220-240 V - 50/E (10A)220-240 V - 50/E0/Hz (10A)Power70W140 WCompressor running time36%45%Noise level (at 1m height & 1m distance)36%45%Noise level (at 1m height & 1m distance)SN (+10°C to +32°C)SN (+10°C to +32°C)Relative humidity70%70%70%Derosing techniqueSN (+10°C to +32°C)SN (+10°C to +32°C)Relative humidity70%70%70%Derosing usuation (polyurethane)55 min (500 - 55 mm50 - 56 mmLod voltage directive2006 / 55 / EEC2006 / 55 / EECCabor insulation (polyurethane)60 / 55 / EEC2006 / 55 / EECCabor insulation (polyurethane)55 min (500 - 56 mmCabor insulation (polyurethane)60 / 55 / EEC2006 / 55 / EECCabor insulation (polyurethane)60 / 55 / EEC2006 / 5	Inner dimensions (H x W x D)	745 x 485 x 455 mm	1496 x 500 x 455 mm
100 mg/mm 0.1 mg 0.1 mg 100 mg/mm 0.1 mg 0.2 mg 100 mg/mm 0.1 mg 0.1 mg 100 mg/mm 0.1 mg 0.1 mg 100 mg/mm 0.1 mg 0.1 mg 101 mg/mm 0.1 mg 0.1 mg 1	Net weight (with standard equipment)	54 kg	91 kg
Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>	Set temperature (preset)	+5°C	+5°C
The section of the s	Set temperature (setting range) can be adjusted in steps of 0.1 °C	+5°C to +15°C	+5°C to +15°C
Imperature warn alarminning (presel)Imperature warn alarminning (presel)Imperature warn alarminning (presel)Control sensorPT1000 2-WIRE 1/3DIN CLBPT1000 2-WIRE 1/3DIN CLBPrecision (from -80°C to +180°C)± 0.2°C± 0.2°CDisplay sensor, optionalPT1000 2-WIRE 1/3DIN CLBPT1000 2-WIRE 1/3DIN CLBPrecision (from -80°C to +180°C)± 0.2°C± 0.2°CVoltage220-240 V - 50Hz (10A)220-240 V - 50Hz (10A)Power70 W140 WEnergy consumption22 Keal/h120 Keal/hCompressor running time36%45%Noise level (at 1m height & 1m distance)41 dB(A)Accu data / function time of the control panel when power failure12V - 7Ah / 48 hoursClimate class (ambiant temperature range)SIN (+10°C to +32°C)Befreigreant typeSIN (+10°C to +32°C)Refrigerant type30 - 55 mmHold over time55 min (from +5°C to +10°C)Sardy class100 - 10°CLow voltage directive2004 / 108 / EECLow voltage directive2004 / 108 / EECLow voltage directive2006 / 95 / EECCobr outer casing and doorGal	Temperature cold alarm limit (preset)	+2°C	+2°C
Image Sector 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 ± 0.2°C ± 0.2°C Precision (from -80°C to +180°C) ± 0.2°C ± 0.2°C Voltage ± 0.2°C ± 0.2°C Voltage 220-240 V - 50Hz (10A) 220-240 V - 50Hz (10A) Power 0.76 KVh /24h 1.60 KVh /24h Heat emission 22 Keal/h 120 Keal/h Compressor running time 38% 45% Noise level (at nn 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 (ambiant temperature range) 81 (+10°C to +32°C) SN (+10°C to +32°C) SN (+10°C to +32°C) Petrosting technique natural natural natural Refigerant type 30 - 55 mm 50 - 55 mm 50 - 55 mm Door insulation (polyurethane) 2006 / 95 / EEC 2006 / 95 / EEC 2004 / 108 / EEC Low voltage directive 2004 / 108 / EEC 2004 /	Temperature warm alarm limit (preset)	+8°C	+8°C
DistributionProcision (from -80°C to +180°C)1.000°C fmLr 0500°C fmLr 0500°CDisplay sensor, optional± 0.2°C± 0.2°CPrecision (from -80°C to +180°C)± 0.2°C± 0.2°CVoltage± 0.2°C± 0.2°CPrevision (from -80°C to +180°C)± 0.2°C± 0.2°CRelative humidityTo +12°C - 7Ah / 48 hours12V - 7Ah / 48 hoursClinate class (ambiant temperature range)SN (+10°C to +32°C)SN (+10°C to +32°C)Relative humidityTo +12°CSN (+10°C to +32°C)SN (+10°C to +32°C)Relative humidityTo +12°CSN (+10°C to +32°C)SN (+10°C to +32°C)Relative humiditySt +12°C± 0.	Control sensor	PT1000 2-WIBE 1/3DIN CL B	PT1000 2-WIBE 1/3DIN CL B
Display sensor, optionalPT1000 2-WIRE 1/3DIN CLBPT1000 2-WIRE 1/3DIN CLBPrecision (from -80°C to +180°C)± 0.2°C± 0.2°CVoltage220-240 V - 50Hz (10A)220-240 V - 50Hz (10A)Power0.76 kWh /24h1.60 kWh /24hHeat mission0.76 kWh /24h1.80 kWh /24hCompressor running time3.6%45%Noise level (at 1m height & 1m distance)41 dB(A)42 dB(A)Accu data / function time of the control panel when power failure12V -7Ah /48 hours12V -7Ah /48 hoursClimate class (ambiant temperature range)SN (+10°C to +32°C)SN (+10°C to +32°C)Relative humidity70%70%70%Door insultation (polyurethane)55 min (from +5°C to +10°C)18 min (from +5°C to +10°C)Safety class111EMC directive2004 / 108 / EEC2004 / 108 / EECLow voltage directive2004 / 108 / EEC2006 / 95 / EECGMP - clean room classificationB / ISO 6B / ISO 6Material outer casing and doorGalvanized sheet steel(Galvanized sheet steelMaterial Wire ShelvesPolycarbonate, transparentGalvanized sheet steelColor contrastsWire [Sin IIR RAL. 9001)Blue (similar RAL. 9002)Blue (similar RAL. 9002)Blue (similar RAL. 9002)	Precision (from -80° C to $\pm 180^{\circ}$ C)	+ 0.2°C	+ 0.2°C
Processor (from -80°C to +180°C) ± 0,2°C ± 0,2°C Voltage 220-240 V - 50Hz (10A) 220-240 V - 50Hz (10A) Power 70 W 140 W Energy consumption 0.76 KWh /24h 1.60 KWh /24h Heat emission 22K cal/h 120 Kcal/h Compressor running time 38% 45% Noise level (at 1m height & 1m distace) 41 dB(A) 42 dB(A) Accu dat / function time of the control panel when power failure 12V - 7Ah /48 hours 12V - 7Ah /48 hours Climate class (ambiant temperature range) SN (+10°C to +32°C) SN (+10°C to +32°C) SN (+10°C to +32°C) Refrigerant type Re600a R134a Re100a R134a Door insulation (polyurethane) 55 min (from +5°C to +10°C) 18 min (from +5°C to +10°C) 18 min (from +5°C to +10°C) Safety class 2004 / 108 / EEC 2004 / 108 / EEC 2004 / 108 / EEC Low voltage directive 2006 / 95 / EEC 2006 / 95 / EEC 2006 / 95 / EEC Gime -clean room classification B / ISO 6 B / ISO 6 B / ISO 6 B / ISO 6 Material unre body Galvaniz	Display sensor, optional	PT1000 2-WIBE 1/3DIN CL B	PT1000 2-WIRE 1/3DIN CL B
Voltage220-240 V + 50 / 2 (10A)220-240 V + 50 / 6 (17A)Power70 W140 WEnergy consumption0.76 kWh / 24h1.60 kWh / 24hHeat emission22 kcal/h1.60 kWh / 24hCompressor running time38%45%Noise level (at 1m height & 1m distance)41 dB(A)42 dB(A)Accu data / function time of the control panel when power failure12V - 7Ah / 48 hours12V - 7Ah / 48 hoursClimate class (ambiant temperature range)SN (+10° to +32°C)SN (+10° to +32°C)Belative humidity100 / 70%70%70%Defrosting techniquematuralnaturalRefigerant type800 aR134aDoor insulation (polyurethane)30 - 55 mm30 - 55 mmKold cirective2006 / 95 / EEC2006 / 95 / EECLow voltage directive2006 / 95 / EEC2006 / 95 / EECGMP - clean room classificationB / ISO 6B / ISO 6Material outer casing and doorGalvanized sheet steelGalvanized sheet steelMaterial outer casing and doorWire Envirue A211 coatedVhite (similar RAL 5002)Material Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)	Precision (from -80° C to $\pm 180^{\circ}$ C)	+ 0.2°C	+ 0.2°C
DowerTo WEnergy consumption70 WHeat emission0.76 kWh /24hCompressor running time36%Compressor running time36%Noise level (at 1m height & 1m distance)41 dB(A)Accu data / function time of the control panel when power failure12V – 7Ah / 48 hoursClimate class (ambiant temperature range)SN (+10°C to +32°C)Relative humidity70%Defrosting techniquenaturalRefrigerant typeR800aCasing insulation (polyurethane)30 – 55 mmCodirective2004 / 108 / EECLow voltage directive2004 / 108 / EECQuart view2006 / 95 / EECGMP - clean room classificationB / ISO 6Material DrawersPolysarbonate, transparentMaterial DrawersPolysarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedColor contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	Voltage	220-240 V - 50Hz (10A)	220-240 V - 50/60Hz (10A)
Energy consumption0.76 kWh /24hHeat emission0.76 kWh /24hCompressor running time22 Kcal/hCompressor running time38%Noise level (at 1m height & 1m distance)41 dB(A)Accu data / function time of the control panel when power failure12V – 7Ah / 48 hoursClimate class (ambiant temperature range)SN (+10°C to +32°C)Relative humidity70%Defrosting techniquenaturalRefrigerant typeR600aDoor insulation (polyurethane)55 min (from +5°C to +10°C)Safety class1LEMC directive2004 / 108 / EECLow voltage directive2004 / 108 / EECLow voltage directive2006 / 95 / EECGMP - clean room classificationB / ISO 6Material outer casing and doorGalvanized sheet steelMaterial OraversPolycarbonate, transparentMaterial OraversPolycarbonate, transparentMaterial Wire ShelvesWire INi 172-2, PA11 coatedWire ShelvesWire Ismilar RAL 9010)Blue (similar RAL 9010)Blue (similar RAL 9010)	Power	70 W	140 W
Heat emission22 Kcal/hCompressor running time36%Noise level (at 1m height & 1m distance)41 dB(A)Accu data / function time of the control panel when power failure12V - 7Ah / 48 hoursClimate class (ambiant temperature range)SN (+10°C to +32°C)Relative humidity70%Defrosting technique70%Refrigerant typeR600aDoor insulation (polyurethane)132 - 7Ah / 48 hoursDoor insulation (polyurethane)171e glassHold over time30 - 55 mmSafety class1Low voltage directive2006 / 95 / EECGMP - clean room classificationB / ISO 6Material outer casing and doorB / ISO 6Material outer casing and doorPolystreme (PS)Material DrawersPolystreme (PS)Material Wire ShelvesPolycarbonate, transparentMaterial Wire ShelvesPolycarbonate, transparentMaterial Wire ShelvesWrie DilN 172-2, PA11 coatedColor contrastsBlue (similar RAL 9010)Blue (similar RAL 9010)Blue (similar RAL 9010)	Energy consumption	0.76 kWh /24h	1.60 kWh /24h
Compressor running time36%45%Noise level (at 1m height & 1m distance)41 dB(A)42 dB(A)Accu data / function time of the control panel when power failure12V - 7Ah / 48 hours12V - 7Ah / 48 hoursClimate class (ambiant temperature range)SN (+10° C to +32°C)SN (+10° C to +32°C)Relative hunidity70%70%70%Defrosting techniquenaturalnaturalRefrigerant typeR600aR134aDoor insulation (polyurethane)30 - 55 mm50 - 55 mmHold over time55 min (from +5°C to +10°C)1Safety class11Lew voltage directive2006 / 95 / EEC2006 / 95 / EECCow voltage directiveB / ISO 6B / ISO 6Material inner bodyPolystyrene (PS)Styrene (SAN)Material outer casing and doorGalvanized sheet steel(STO2Z - AZ150)Material Wire ShelvesWire DIN 172-2, PA11 coatedWhite (similar RAL 9010)Color contrastsBlue (similar RAL 9010)Blue (similar RAL 5002)	Heat emission	22 Kcal/h	120 Kcal/h
Noise level (at 1m height & 1m distance)41 dB(A)42 dB(A)Accu data / function time of the control panel when power failure12V - 7Ah / 48 hours12V - 7Ah / 48 hoursClimate class (ambiant temperature range)SN (+10°C to +32°C)SN (+10°C to +32°C)Relative humidity70%70%Defrosting techniquenaturalnaturalRefrigerant typeR600aR134aDoor insulation (polyurethane)30 - 55 mm50 - 55 mmHold over time30 - 55 mm50 - 55 mmHold over time55 min (from +5°C to +10°C)18 min (from +5°C to +10°C)Safety classIIIEMC directive2004 / 108 / EEC2004 / 108 / EECLow voltage directiveB / ISO 6B / ISO 6Material inner bodyPolystrene (PS)Styrene (SAN)Material DrawersPolycarbonate, transparentPolycarbonate, transparentMaterial Wire ShelvesWire Din 172-2, PA11 coatedWire INi 172-2, PA11 coatedColor contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)	Compressor running time	36%	45%
Accu data / function time of the control panel when power failure12V - 7Ah / 48 hoursClimate class (ambiant temperature range)12V - 7Ah / 48 hoursClimate class (ambiant temperature range)SN (+10°C to +32°C)Relative humidity70%Defrosting techniquenaturalRefrigerant typeR600aDoor insulation (polyurethane)Triple glassCasing insulation (polyurethane)30 - 55 mmHold over time55 min (from +5°C to +10°C)Safety class1Low voltage directive2004 / 108 / EECLow voltage directive2004 / 108 / EECLow voltage directiveB / ISO 6Material inner bodyPolystyrene (PS)Material outer casing and doorPolystyrene (SAN)Material Wire ShelvesPolycarbonate, transparentColor outer casingWhite (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	Noise level (at 1m height & 1m distance)	41 dB(A)	42 dB(A)
Climate class (ambiant temperature range)SN (+10°C to +32°C)SN (+10°C to +32°C)Relative humidity70%70%Defrosting techniquenaturalnaturalRefrigerant typeR600aR134aDoor insulation (polyurethane)01Casing insulation (polyurethane)30 - 55 mm50 - 55 mmHold over time55 min (from +5°C to +10°C)18 min (from +5°C to +10°C)Safety class111EMC directive2004 / 108 / EEC2004 / 108 / EECLow voltage directive2006 / 95 / EEC2006 / 95 / EECGMP - clean room classificationB / ISO 6B / ISO 6Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Material DrawersPolycarbonate, transparent Wire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedOor outer casingWhite (similar RAL 9010)Blue (similar RAL 5002)Blue (similar RAL 5002)	Accu data / function time of the control panel when power failure	12V – 7Ah / 48 hours	12V – 7Ah / 48 hours
Relative humidity70%Defrosting techniquenaturalRefrigerant typenaturalDoor insulation (polyurethane)R600aCasing insulation (polyurethane)30 - 55 mmHold over time55 min (from +5° C to +10°C)Safety class1EMC directive2004 / 108 / EECLow voltage directive2006 / 95 / EECGMP - clean room classificationB / ISO 6Material outer casing and doorPolycarbonate, transparentMaterial DrawersPolycarbonate, transparentMaterial Wire ShelvesPolycarbonate, transparentColor outer casingWhite (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	Climate class (ambiant temperature range)	SN (+10°C to +32°C)	SN (+10°C to +32°C)
Defrosting techniquenaturalRefrigerant typeR600aDoor insulation (polyurethane)Triple glassCasing insulation (polyurethane)30 - 55 mmHold over time55 min (from +5°C to +10°C)Safety classIEMC directive2004 / 108 / EECLow voltage directive2006 / 95 / EECGMP - clean room classificationB / ISO 6Material inner bodyB / ISO 6Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Material DrawersPolycarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)Blue (similar RAL 9010)Blue (similar RAL 5002)	Relative humidity	70%	70%
Refrigerant typeR600aR134aDoor insulation (polyurethane)triple glassdouble glassCasing insulation (polyurethane)30 - 55 mm30 - 55 mmHold over time55 min (from +5°C to +10°C)18 min (from +5°C to +10°C)Safety class11EMC directive2004 / 108 / EEC2004 / 108 / EECLow voltage directive2006 / 95 / EEC2006 / 95 / EECGMP - clean room classificationB / ISO 6B / ISO 6Material inner bodyPolystyrene (PS)Styrene (SAN)Material outer casing and doorGalvanized sheet steelGalvanized sheet steel(STO2Z - AZ150)Vire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedMaterial Wire ShelvesWire DIN 172-2, PA11 coatedWire IN 172-2, PA11 coatedColor outer casingBlue (similar RAL 9010)Blue (similar RAL 5002)	Defrosting technique	natural	natural
Door insulation (polyurethane)triple glassdouble glassCasing insulation (polyurethane) $30-55 \text{ mm}$ $50-55 \text{ mm}$ Hold over time 55 min (from $+5^{\circ}\text{C}$ to $+10^{\circ}\text{C}$) 18 min (from $+5^{\circ}\text{C}$ to $+10^{\circ}\text{C}$)Safety class 11 11 EMC directive $2004/108/\text{EEC}$ $2004/108/\text{EEC}$ Low voltage directive $2006/95/\text{EEC}$ $2006/95/\text{EEC}$ GMP - clean room classificationB / ISO 6B / ISO 6Material inner bodyPolystyrene (PS)Styrene (SAN)Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Material Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	Refrigerant type	R600a	R134a
Casing insulation (polyurethane) $30-55 \text{ mm}$ $50-55 \text{ mm}$ Hold over time 55 min (from $+5^{\circ}\text{C}$ to $+10^{\circ}\text{C}$) 18 min (from $+5^{\circ}\text{C}$ to $+10^{\circ}\text{C}$)Safety class 1 1 1 EMC directive $2004 / 108 / \text{EEC}$ $2004 / 108 / \text{EEC}$ Low voltage directive $2006 / 95 / \text{EEC}$ $2006 / 95 / \text{EEC}$ GMP - clean room classification $B / \text{ISO } 6$ $B / \text{ISO } 6$ Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Material Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Blue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	Door insulation (polyurethane)	triple glass	double glass
Hold over time55 min (from +5°C to +10°C)18 min (from +5°C to +10°C)Safety classIIIEMC directive2004 / 108 / EEC2004 / 108 / EEC2004 / 108 / EECLow voltage directive2006 / 95 / EEC2006 / 95 / EEC2006 / 95 / EECGMP - clean room classificationB / ISO 6B / ISO 6B / ISO 6Material inner bodyPolystyrene (PS)Styrene (SAN)Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Material Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Blue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	Casing insulation (polyurethane)	30 – 55 mm	50 – 55 mm
Safety classIEMC directive2004 / 108 / EECLow voltage directive2006 / 95 / EECGMP - clean room classificationB / ISO 6Material inner bodyPolystyrene (PS)Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Material DrawersPolycarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	Hold over time	55 min (from +5°C to +10°C)	18 min (from +5°C to +10°C)
EMC directive2004 / 108 / EEC2004 / 108 / EECLow voltage directive2006 / 95 / EEC2006 / 95 / EECGMP - clean room classificationB / ISO 6B / ISO 6Material inner bodyPolystyrene (PS)Styrene (SAN)Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Material DrawersPolycarbonate, transparentPolycarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Blue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	Safety class	1	1
Low voltage directive2006 / 95 / EEC2006 / 95 / EECGMP - clean room classificationB / ISO 6B / ISO 6Material inner bodyPolystyrene (PS)Styrene (SAN)Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Material DrawersPolycarbonate, transparentPolycarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Blue (similar RAL 5002)Blue (similar RAL 5002)Blue (similar RAL 5002)	EMC directive	2004 / 108 / EEC	2004 / 108 / EEC
GMP - clean room classificationB / ISO 6B / ISO 6Material inner bodyPolystyrene (PS)Styrene (SAN)Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Material DrawersPolycarbonate, transparentPolycarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)	Low voltage directive	2006 / 95 / EEC	2006 / 95 / EEC
Material inner bodyPolystyrene (PS)Styrene (SAN)Material outer casing and doorGalvanized sheet steel (STO2Z - AZ150)Galvanized sheet steel (STO2Z - AZ150)Material DrawersPolycarbonate, transparentPolycarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)	GMP - clean room classification	B/ISO 6	B / ISO 6
Material outer casing and doorGalvanized sheet steel (STO2Z – AZ150)Galvanized sheet steel (STO2Z – AZ150)Material DrawersPolycarbonate, transparentPolycarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)	Material inner body	Polystyrene (PS)	Styrene (SAN)
Material DrawersPolycarbonate, transparentPolycarbonate, transparentMaterial Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)	Material outer casing and door	Galvanized sheet steel (STO2Z – AZ150)	Galvanized sheet steel (STO2Z – AZ150)
Material Wire ShelvesWire DIN 172-2, PA11 coatedWire DIN 172-2, PA11 coatedColor outer casingWhite (similar RAL 9010)White (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)	Material Drawers	Polycarbonate, transparent	Polycarbonate, transparent
Color outer casingWhite (similar RAL 9010)White (similar RAL 9010)Color contrastsBlue (similar RAL 5002)Blue (similar RAL 5002)	Material Wire Shelves	Wire DIN 172-2, PA11 coated	Wire DIN 172-2, PA11 coated
Color contrasts Blue (similar RAL 5002) Blue (similar RAL 5002)	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	6 Wire Shelves
RS 485 interface		
DMN Software package		
DCU - Dometic Communication Unit		
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		
Interior lighting		
Glass door heating (anti-mist)	_	
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	Mounted, for 24h or 7 days
Door hinge right		
Door hinge left		
Wooden packaging for ocean transport / export		

standard / coptional / - 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 I	239	118	578	1301 I
340 I	218	106 I	518	1183
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)
/0%	/0%	/0%	/0%	/0%
natural	natural	manual	natural	natural
R134a	R134a	R404a	R134a	R134a
	double glass	50 mm		tripie glass
40 - 50 mm	30 - 68 mm	50 - 85 mm	/5 mm	75 mm
15 min (irom +5°C to +10°C)	30 11111 (110111 + 3 C t0 + 10 C)	0011111 (110111-35 C 10-18 C)	30 min (irom +5°C to +10°C)	
	2004/108/EEC			
2004 / 108 / EEC	2004/108/EEC	2004 / 108 / EEC	2004 / 108 / EEC	2004 / 108 / EEC
20007 937 EEC	2000/ 95/ EEC	2000/93/EEC	2000/93/EEC	2000/93/EEC
B/ ISO 0	B/ ISO 0 Sturana (SAN)	Styropa (SAN)	$\frac{B71300}{Stainless steel (1/2) - 1(4301)}$	$\frac{B71300}{Stainless steel 0/20 - 1.4301}$
Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel	Granness Steel (VZA = 1.4501)	
(STO2Z – AZ150)	(STO2Z – AZ150)	(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	4 Wire Shelves	4 Drawers	6 Wire Shelves	12 Wire Shelves
-	-	-		
Mounted, for 24h or 7 days	Mounted, for 24h or 7 days	Mounted, for 24h or 7 days	Integrated, for 24h or 7 days \Box	Integrated, for 24h or 7 days

Dometic

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)



TECHNOLOGY FOR LIFE

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.
- \rightarrow 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.



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

Dometic S.àr.I. - Division Medical Systems 17, Op der Hei L-9809 Hosingen, Luxembourg

Tel. : + 352 92 07 31-1 Fax : + 352 92 07 31-300

medical.systems@dometic.lu www.dometic.lu

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