



**-40°C / -25°C Medical Freezer
Braun Series**

-40°C Medical Freezer



Braun-40V80



Braun-40V298



Braun-40V308



Braun-40V358



KEY FEATURES

- Microprocessor control, adjustable temperature range: -20°C to -40°C
- LED digital display and increment at 0.1°C
- Permanently lubricated cooling fan for safety and longevity.
- Independent Inner door to avoid more cooling leaking out, and provide more stable Inside temperature performance
- High density CFC-Free urethane foam insulation.



ERGONOMIC DESIGN

- USB data logging and temperature recorder (optional).
- Build-in lock with safety and beauty
- Lockable caster design for customer to move as needed



RELIABILITY

- Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.
- Optimized refrigeration system designed to maximize cooling effect and temperature uniformity
- Microprocessor control, digital display, adjustable temperature range: -20°C--40°C
- LED digital display for clear observation,



SAFETY

- Multiple malfunction alarms to detect high and low temperature, sensor error, power off, temperature controller malfunction, door ajar.
- Two types of alarm indications: audible buzzing and visual flashing light.
- Corrosion proof cabinet interior design
- Power failure protect: the device would be attack by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage



ELECTRIC CONTROL

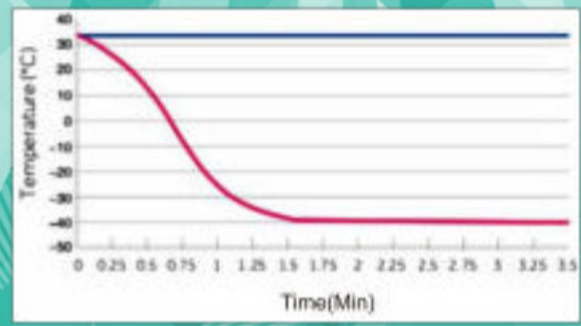
- Wide voltage tolerance design with applicable voltage range of 187-242V/AC



Braun Series -40°C Medical Freezer



Braun-40V308



Pull-down test at 32°C ambient

-40°C Medical Freezer

Braun Series



KEY FEATURES

- Chemically stable, CFC -free, commercially available and environmentally safe refrigerant.
- Microprocessor control, adjustable temperature range: -20°C to -40°C
- LED digital display and increment at 0.1°C
- Permanently lubricated cooling fan for safety and longevity .
- Wide voltage band for 187V~242V



CHARACTERISTIC FUNCTION

- Door lock design to avoid abnormal door open
- Big screen for easy observation
- Standard testing hole



SAFETY

- Multiple malfunction alarms to detect high and low temperature , sensor error, power failure, temperature controller malfunction
- Two types of alarm indications: audible buzzing and visual flashing light.



STRUCTURAL DESIGN

- Wide voltage band for 187V~242V



RELIABILITY

- HIGH DENSITY CFC-FREE URETHANE FOAM INSULATION.
- Standard with 25mm test hole
- Power failure protect: the device would be attack by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage

-40°C Deep/ Medical Freezer Braun Series



	Model	Braun-40V80	Braun-40V298	Braun-40V308	Braun-40V358	Braun-40V1038
Specifications	Shelf/drawer	Shelves	Shelves	Drawer/7	Shelves	Shelves
	Cooling method	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
	Defrost	Manual	Manual	Manual	Manual	Manual
	Refrigerant	HFC	R290	R290	R290	R404A
	Power consumption(kWh/24h)	3.5	4	3	4	14.6
	Noise (db)	50	48	50	48	50
	Ambient temperature(°C)	10-32°C	10-32°C	10-32°C	10-32°C	10-32°C
Temperature range(°C)	-10-40°C	-30-40°C	-30-40°C	-30-40°C	-26--40°C	
Cooling system	Compressor brand/QTY	8ECOP/1	CUBIGEL/1	CUBIGEL/1	CUBIGEL/1	8ECOP/2
	Condenser	Finned	Wire tube	Inside foaming	Wire tube	Copper tube and finned
	Sensor	NTC	NTC	NTC	NTC	PTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	Digital display	Digital display	Digital display	Digital display	Digital display
	Voltage/frequency(V/Hz)	220-240V/60Hz	220-240V/60Hz	220-240V/60Hz	220-240V/60Hz	220-240V/60Hz
Power	Power (W)	250W	300W	185W	300W	1000W
	Current(A)	2.5A	1.6A	1.6A	1.6A	5.8A
	Inside material	Stainless steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Stainless steel
Material	Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF	PURF
Size	Capacity(L)	80	298	308	358	1038
	NT/GT.(kg)	75/95	98.6/118	79/104.6	110.3/132	372/416
	Exterior size(W*D*H)(mm)	540*820*1145	890*880*1635	870*840*1695	885*870*1800	1320*700*1400
	Interior size(W*D*H)(mm)	381*429*406	608*465*1137	480*416*1460	508*455*1393	1362*1025*2002
	Package size(W*D*H)(mm)	670*730*1300	760*760*1750	725*665*1850	750*760*2030	1425*1110*2134
	CBM	0.64	1.01	0.89	1.16	3.35
	20GP/40GP/40HQ	24/51/51	21/45/45	24/54/54	21/48/48	8/16/16
Alarm	High/low temperature	Y	Y	Y	Y	Y
	Power failure	/	Y	/	Y	Y
	Sensor error	Y	Y	Y	Y	Y
	Filter screen check	/	/	/	/	Y
	Temperature controller failure	Y	Y	Y	Y	Y
	Low battery	/	/	/	/	Y
	Condenser clean	/	/	/	/	Y
	High ambient temperature	/	/	/	/	Y
	Door ajar	/	Y	Y	Y	Y
Optional	Foot	/	/	/	/	/
	Caster	Y	Y	/	Y	Y
	Inside door	Y	Y	7 Drawer	Y	Y
	Test hole QTY/diameter	Optional	Optional	/	Optional	1-3
	USB port	/	/	/	/	Y
	Power failure backup system(alarm)	/	8h	8h	8h	72h
	Remote alarm port	/	Y	/	Y	Y
Other	Certification	ISO9001, 13485, 14001,CE	ISO9001, 13485, 14001,CE	ISO9001, 13485, 14001,CE	ISO9001, 13485, 14001,CE	ISO9001, 13485, 14001,CE

-25°C Deep/ Medical Freezer Braun Series



Braun-25V358



Braun-25V298



Braun-25V308



RELIABILITY

- Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.
- High density CFC-Free urethane foam insulation for rigidity and stable storage temperature.
- Microprocessor control, digital display adjustable temperature range: -10C--25C.
- LED digital display for clear observation.



SAFETY

- Multiple malfunction alarms including high and low temperature, sensor error, power off, temperature controller malfunction, door ajar.
- Two types of alarm indications: audible buzzing and visible flashing light.
- Power failure protect: the device would be attack by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage
- Controller password protect function to avoid change running parameter randomly



KEY FEATURES

- Independent inner door to avoid more cooling leaking out, and provide more stable inside temperature performance
- Upright side door with build-in handle for easy-opening; limit door hinge to prevent collision when door open
- Lockable caster design for customer to move as needed
- Wide voltage tolerance design with applicable voltage range of 187~242 V/AC.

-25°C Deep/ Medical Freezer Braun Series

Display for working temperature, setting temperature, high-alarming temperature, low-alarming temperature, door ajar and codes error



Dual LED digital display screen, can display the temperature data of the upper and lower rooms independently.

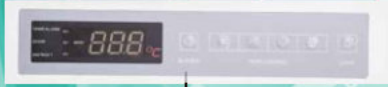
Adjusting key

Internal light

Silencing sound alarm

Alarm	Alarm Triggering Condition
High Temperature	Temperature reaches the warm alarm limit
Low Temperature	Temperature reaches the low alarm limit
Power Failure	Equipment loses power
Door Ajar	Door open audible and visual alarm
Probe Failure	<ol style="list-style-type: none"> 1. Main cabinet temperature control sensor fails 2. Sensor fails
Low Battery	Battery capacity runs low or battery switch is not turned on

-25°C Deep/ Medical Freezer Braun Series



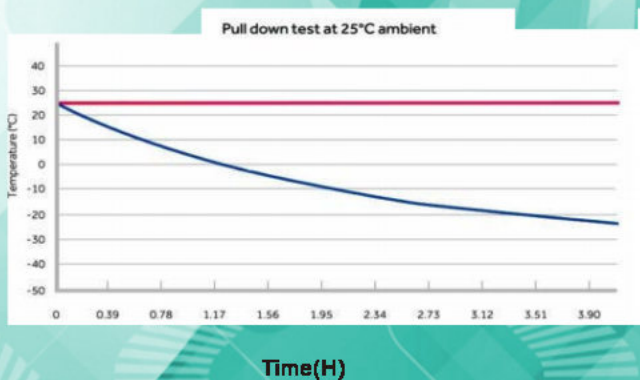
High-end professional controller
with full function



Build-in temperature probe



Independent inner door to avoid more
cooling leaking out, and provide more
stable inside temperature performance





-25°C Deep/ Medical Freezer Braun-25V1038



Schnee Austria deep freezer are specially designed to store vaccines, blood plasma, and many other biological materials etc.

Features

- Accurate microprocessor controller to ensure consistent cabinet temperature -10°C ~ -25°C and increment 0.1°C.
- The embedded handle, easy for one-man operation.
- Adjustable height of plastic coated fabric grid, more uniform temperature.
- Wide available voltage range: 187V~242V
- Chemically stable, CFC-free, commercially available and environmentally safe refrigerant

Safety

- Visual and audible alarm system: High/low temperature, power failure, sensor error, door ajar, Thermostat failure, Low battery, Abnormal voltage, High ambient temperature
- controller setting password to prevent unauthorized access.
- 4 Inner doors to prevent cold air from leaking out when the out-door is opening.
- Power failure protection: turn on delay of the cooling system when power failure.
- Controller error protection: the cooling system will remember the normal working cycle and keep working depending on this memory when controller or two sensor failed.
- Backup battery to ensure that power alarm after 72 hours

Humanized design

- 4 casters with stopper for easy moving and fixation.
- Standard test hole, convenient for temperature monitoring. Adjustable shelves, 4 Inner doors design effective protection of the temperature in the cabinet
- The built-in lock design, beautiful and safe.
- The embedded handle, convenient door open

special:

- **4 Independent inner door design**
- **Wide voltage design: 187V~242V available**
- **Build-in back-up battery: 72 hours power failure alarm**
- **9 visual and audible alarms**

-25°C Deep/ Medical Freezer

Braun-25V1038

Deep Freezer		Braun-25V1038
Performance	Capacity(L)	1038
	Temperature Range(°C)	-10~25°C
	Ambient Temperature(°C)	+10~+32
	Cabinet Type	Upright
Control System	Controller	Microprocessor
	Display	Digital Display
Refrigeration System	Compressor	2/secop Germany
	Refrigerant	R507
	Cooling Type	Direct Cooling
	Defrost Type	Manual
Electrical Data	Power Supply(V/Hz)	220-240V/ 60Hz
	Rated Power(W)	1000W
	Electrical Current(A)	5.8
	Power Consumption(kWh/24h)	10.0
Dimensions	Interior Dimension(W*D*H)(mm)	1022*696*1378
	Exterior Dimension(W*D*H)(mm)	1362*1025*2002
	Package Dimension(W*D*H)(mm)	1425*1110*2134
	Net/Gross Weight(approx)(kg)	450/500
Alarm	High/Low Temperature	Y
	Power Failure	Y
	Sensor Error	Y
	Low battery	Y
	Thermostat failure	Y
	High ambient temperature	Y
	Abnormal voltage	Y
	Condenser clean	Y
	Door ajar	Y
Accessories	Caster	4
	Testing Hole/Diameter	1-3
	Temperature Recorder / Data Logger	Optional/ Optional
	USB Port	Y
	Remote alarm port	Y
	LN2/C02 back up system	Optional

-25°C Deep/ Medical Freezer Braun Series



	Model	Braun-25V298	Braun-25V308	Braun-25V358	Braun-25V1038
Specifications	Shelf (drawer)	Shelves	Shelves	Shelves	Shelves
	Cooling method	Direct cooling	Direct cooling	Direct cooling	Direct cooling
	Defrost	Manual	Manual	Manual	Manual
	Refrigerant	R290	R290	R290	R507A
	Power consumption (kWh/24h)	3	1.5	3	10
	Noise (db)	46	46	46	50
	Ambient temperature (°C)	10~32°C	10~32°C	10~32°C	10~32°C
Temperature range (°C)	-10~-25°C	-10~-25°C	-10~-25°C	-10~-25°C	
Cooling system	Compressor brand/QTY	CUBIGELN/1	DONPERN/1	CUBIGELN/1	2/Secop Germany
	Sensor	NTC	NTC	NTC	PTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	Digital display	Digital display	Digital display	Digital display
Power	Voltage/frequency (V/Hz)	220-240V/ 60Hz	220-240V/ 60Hz	220-240V/ 60Hz	220-240V/ 60Hz
	Power (W)	180W	180W	180W	1000W
	Current(A)	1.4A	1.5A	1.4A	5.8A
Material	Inside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Stainless steel
	Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF
Size	Capacity(L)	298	308	358	1038
	NT/GT(kg)	93.5/113.5	85/101	104/125	450/500
	Exterior size(W*D*H)(mm)	690*680*1635	670*640*1695	690*680*1900	1022*696*1378
	Interior size(W*D*H)(mm)	508*455*1137	480*415*1460	508*455*1393	1362*1025*2002
	Package size(W*D*H)(mm)	760*760*1750	730*670*1850	750*760*2030	1425*1110*2134
	CBM	1.01	0.90	1.16	3.35
	20GP/40GP/40HQ	21/45/45	24/51/51	21/48/48	8/16/16
Alarm	High/low temperature	Y	Y	Y	Y
	Power off	Y	/	Y	Y
	Sensor malfunction	Y	Y	Y	Y
	Ambient temperature (°C)	/	/	/	Y
	Abnormal voltage	/	/	/	Y
	Temperature controller malfunction	Y	Y	Y	Y
	Door ajar	Y	Y	Y	Y
Accessories	Caster	Y	/	Y	Y
	Test hole	Optional	/	Optional	1-3
	USB port	/	/	/	Y
	Data logger	/	/	/	Optional
	Remote alarm	Y	/	Y	Y
Other	Certification	ISQCE	ISQCE	ISQCE	ISQCE