

کاتالوگ محصولات

کولر گازی صنعتی

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BENTLY

سیستم های تهویه با قابلیت نصب بر روی دیواره یا درب و یا سقف تابلو برق

Catalog of BENTLY industrial air conditioner products

Cooling units for installation on the door or wall or roof
of the electrical panel

ATTENTION!

Read carefully and completely before installation.

Keep the manual until unit decommissioning

شرکت مانا صنعت

آذربایجان شرقی، تبریز، بعد از پلیس راه تهران، شهرک عالی نسب

مشتری عزیز،

از اینکه شما کولر خنک کننده صنعتی شرکت ما **صنعت** را انتخاب کرده اید متشکریم.

این محصول نتیجه سالها تحقیق و بررسی، طراحی همراه با جستجوی تجهیزات مرغوب و فن آوری بالا و به روز برای به دست آوردن کولر با **کیفیت بالا** است. سطح کیفیت به طور مداوم در هر مرحله، از طراحی تا تولید، کنترل می شود و محصولات بنتلی را مترادف با کیفیت، ایمنی و زیبایی می کند.

Dear Customer,

Thank you for having purchased a BENTLY industrial enclosure cooler.

It is the result of decades of research and design studies, with a fine search of materials and technologies to obtain a high quality enclosure cooler.

The level of quality is constantly inspected at every process, from step of design to production, producing the BENTLY products synonymous of more safety and quality

BENTLY ENCLOSURE COOLERS

Guide pages

Technical Specifications bs500.....	1
Technical Specifications bs700.....	2
Technical Specifications bs1000.....	3
Technical Specifications bs2000.....	4
Technical Specifications bs3000.....	5
Technical Specifications bs4000.....	6
Technical Specifications bs5000.....	7
Technical Specifications bs6000.....	8
Technical Specifications br700.....	9
Technical Specifications br1000.....	10
Technical Specifications br2000.....	11
Technical Specifications br3000.....	12
Technical Specifications br4000.....	13
Technical Specifications br5000.....	14
Technical Specifications br6000.....	15

BS500 Enclosure Air Conditioner Wall Mounted

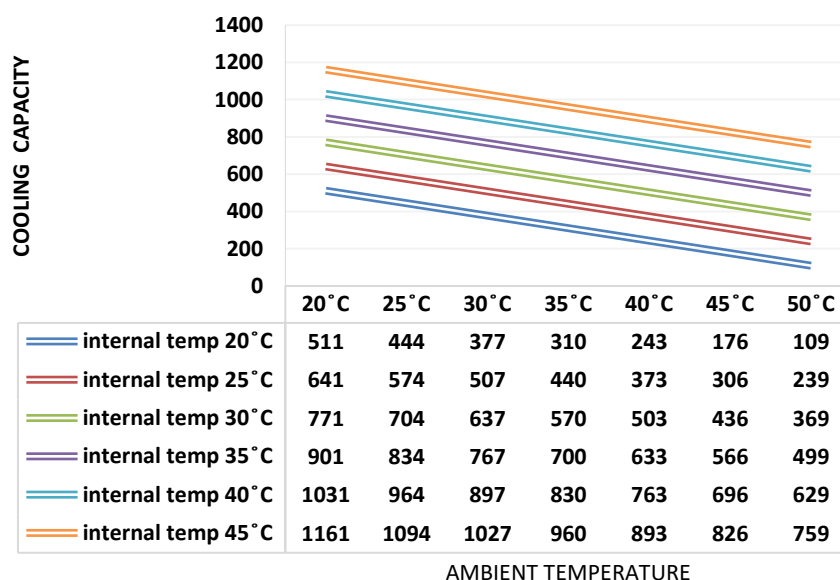


Technical Specifications

Model	Bs500
Type	Wall mounted
Cooling capacity I35 I35	500 Watt
Type of refrigerant	R 134
Amount of refrigerant	650 g
Rated frequency	50/60 Hz
Standard power supply	198 V-252 V
Power absorbed L35 L35	400 W
Compressor	DANFOSS
Ambient temperature range	+15° C …+45° C
internal circuit (m3/h)	240
Internal fan type	Backward
External circuit (m3/h)	240
External fan type	Backward
Control range	+30° …+45° C
Factory setting	+30° C
Condensation discharge	Condensate drain
Weight	21 kg
H × W × D (mm)	550 × 300 × 200
IP	54



BS500



BS700 Enclosure Air Conditioner Wall Mounted

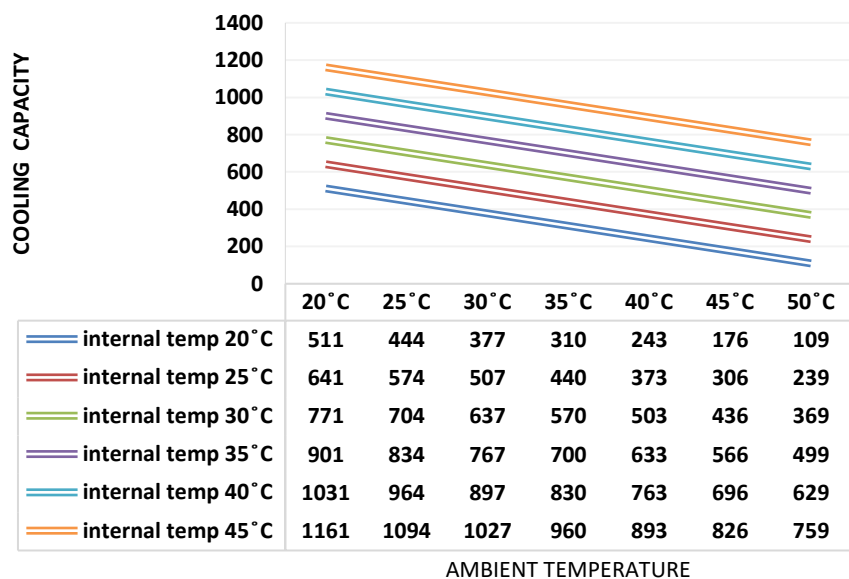


Technical Specifications

Model	Bs700
Type	Wall mounted
Cooling capacity I35 I35	700 Watt
Type of refrigerant	R 134
Amount of refrigerant	650 g
Rated frequency	50/60 Hz
Standard power supply	198 V-252 V
Power absorbed L35 L35	450 W
Compressor	DANFOSS
Ambient temperature range	+15 °C ...+45 °C
internal circuit (m3/h)	240
Internal fan type	Backward
External circuit (m3/h)	495
External fan type	backward
Control range	+30 °...+45 °C
Factory setting	+30 °C
Condensation discharge	Condensate drain
Weight	28 kg
H × W × D (mm)	700 × 350 × 200
IP	54



BS700



BS1000 Enclosure Air Conditioner

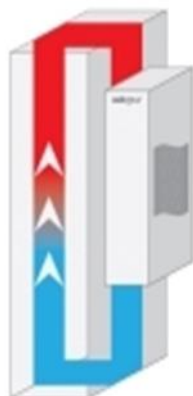
Wall Mounted



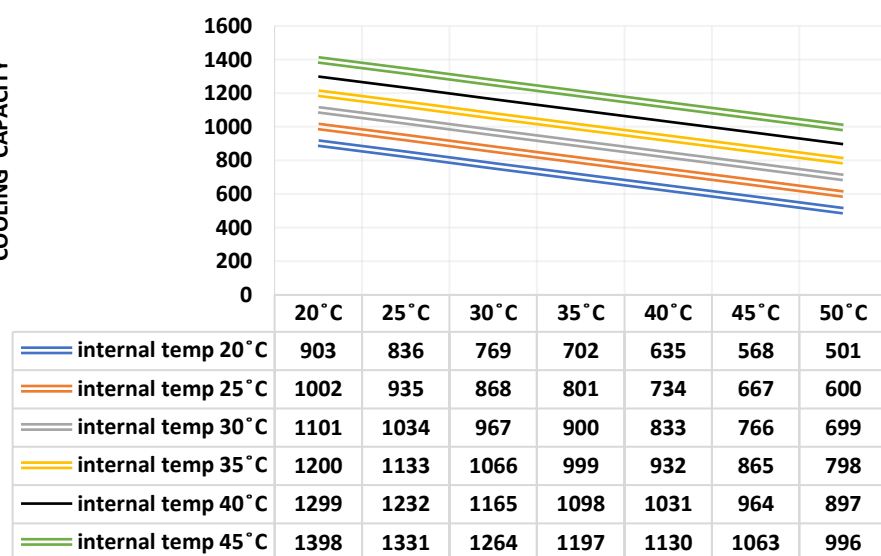
Technical Specifications

Model	Bs1000
Type	Wall mounted
Cooling capacity I35 I35	1000 Watt
Type of refrigerant	R134a
Amount of refrigerant	650 g
Rated frequency	50/60 Hz
Standard power supply	198 V-252 V
Power absorbed L35 L35	690 W
Compressor	DANFOSS/EMBRACO
Ambient temperature range	+15 °C ...+55 °C
internal circuit (m3/h)	490
Internal fan type	Backward
External circuit (m3/h)	780
External fan type	Axial
Control range	+30 ° ...+45 °C
Factory setting	+30 °C
Condensation discharge	Condensate drain
Weight	40 kg
H × W × D (mm)	850 × 400 × 245
IP	54

BS1000



COOLING CAPACITY



AMBIENT TEMPERATURE

BS2000 Enclosure Air Conditioner

Wall Mounted



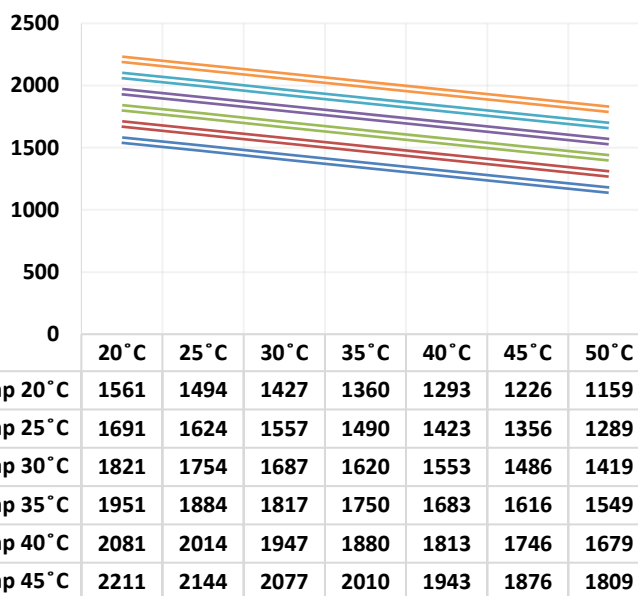
Technical Specifications

Model	Bs2000
Type	Wall mounted
Cooling capacity I35 I35	1700 Watt
Type of refrigerant	R134a
Amount of refrigerant	750 g
Rated frequency	50/60 Hz
Standard power supply	198 V-252 V
Power absorbed L35 L35	890 W
Compressor	DANFOSS/EMBRACO
Ambient temperature range	+15 °C ...+55 °C
internal circuit (m3/h)	520
Internal fan type	Backward
External circuit (m3/h)	780
External fan type	Axial
Control range	+30 °...+45 °C
Factory setting	+35 °C
Condensation discharge	Condensate drain
Weight	55 kg
H×W×D (mm)	1000×410×285
IP	54

BS2000



COOLING CAPACITY



AMBIENT TEMPERATURE

BS3000 Enclosure Air Conditioner

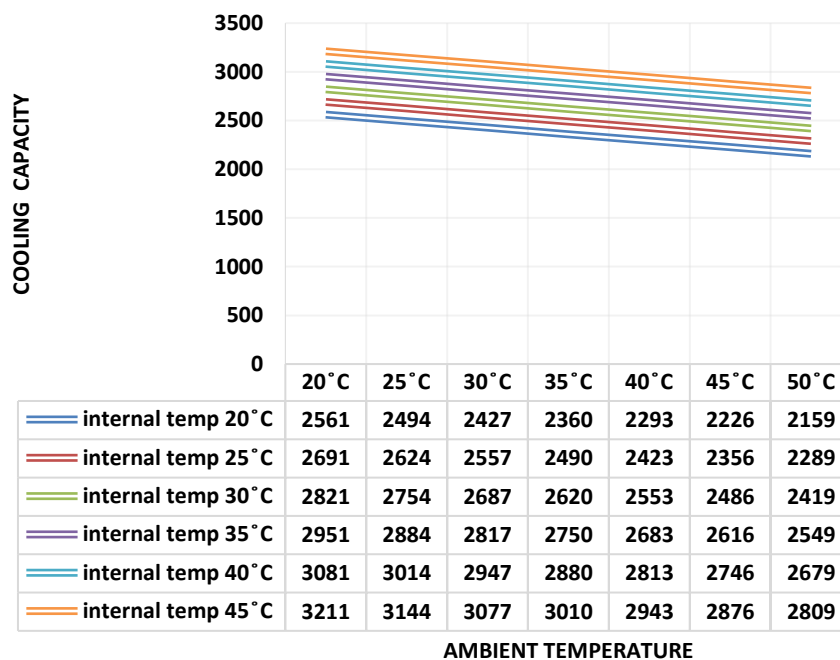
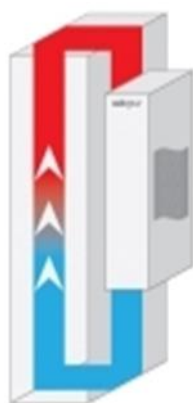
Wall Mounted



Technical Specifications

Model	Bs3000
Type	Wall mounted
Cooling capacity I35 I35	2700 Watt
Type of refrigerant	R134a
Amount of refrigerant	800 g
Rated frequency	50/60 Hz
Standard power supply	198 V-252 V
Power absorbed L35 L35	1200 W
Compressor	DANFOSS/EMBRACO
Ambient temperature range	+15 °C ...+55 °C
internal circuit (m3/h)	810
Internal fan type	Backward
External circuit (m3/h)	960
External fan type	Axial
Control range	+30 ° ...+45 ° C
Factory setting	+35 °C
Condensation discharge	Condensate drain
Weight	63 kg
H × W × D (mm)	1100 × 460 × 285
IP	54

BS3000



BS4000 Enclosure Air Conditioner

Wall Mounted

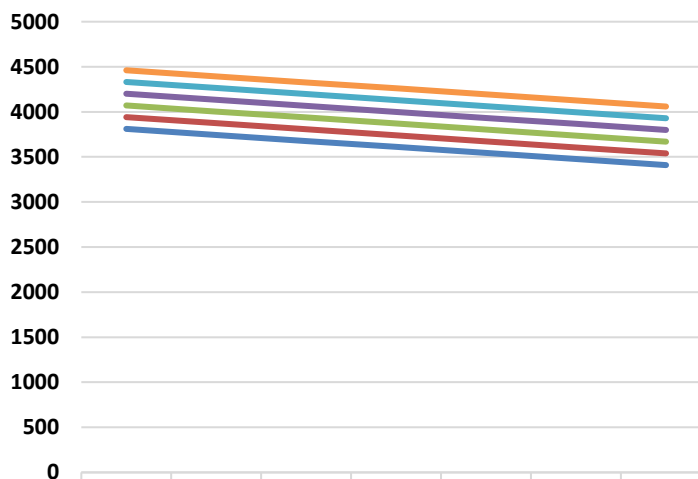


Technical Specifications

Model	Bs4000
Type	Wall mounted
Cooling capacity I35 I35	4000 Watt
Type of refrigerant	R22
Amount of refrigerant	1100 g
Rated frequency	50/60 Hz
Standard power supply	198 V-252 V
Power absorbed L35 L35	1870 W
Compressor	KULTHORN
Ambient temperature range	+15 °C ...+55 °C
internal circuit (m3/h)	1400
Internal fan type	Backward
External circuit (m3/h)	2030
External fan type	Axial
Control range	+30 °C ...+45 °C
Factory setting	+35 °C
Condensation discharge	Condensate drain
Weight	76 kg
H×W×D (mm)	1400×460×350
IP	54

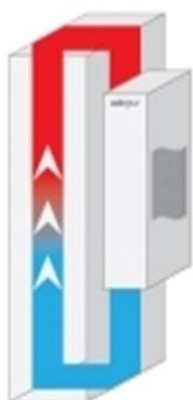
bs4000

COOLING CAPACITY



	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C
— internal temp 20 °C	3811	3744	3677	3610	3543	3476	3409
— internal temp 25 °C	3941	3874	3807	3740	3673	3606	3539
— internal temp 30 °C	4071	4004	3937	3870	3803	3736	3669
— internal temp 35 °C	4201	4134	4067	4000	3933	3866	3799
— internal temp 40 °C	4331	4264	4197	4130	4063	3996	3929
— internal temp 45 °C	4461	4394	4327	4260	4193	4126	4059

AMBIENT TEMPERATURE



BS5000 Enclosure Air Conditioner

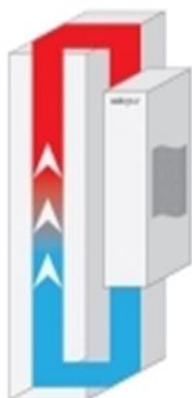
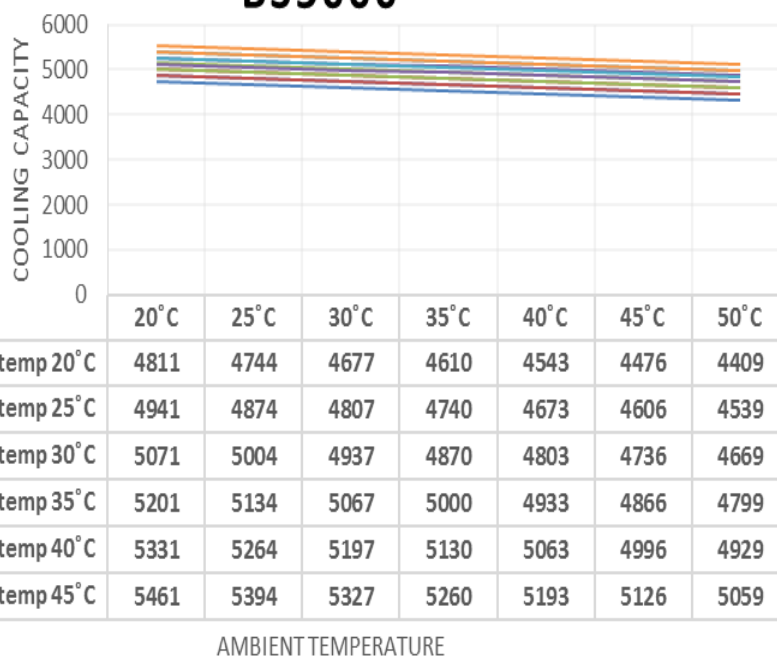
Wall Mounted



Technical Specifications

Model	Bs5000
Type	Wall mounted
Cooling capacity I35 I35	5000 Watt
Type of refrigerant	R22
Amount of refrigerant	2100 g
Rated frequency	50Hz
Standard power supply	380 V-420 V
Power absorbed L35 L35	1918 W
Compressor	KULTHORN
Ambient temperature range	+15 °C ...+55 °C
internal circuit (m3/h)	1500
Internal fan type	backward
External circuit (m3/h)	2030
External fan type	Axial
Control range	+25 °C...+45 °C
Factory setting	+35 °C
Condensation discharge	Condensate drain
Weight	95 kg
H × W × D (mm)	1400 × 460 × 350
IP	54

BS5000



BS6000 Enclosure Air Conditioner

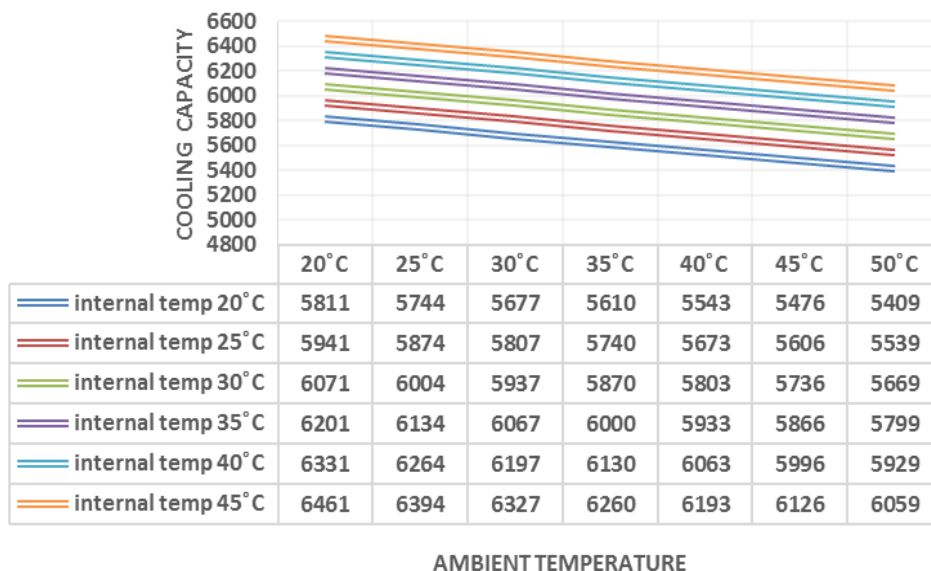
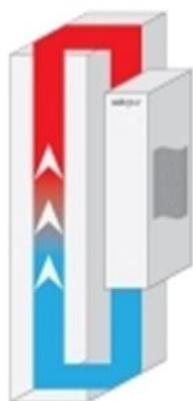
Wall Mounted



Technical Specifications

Model	Bs6000
Type	Wall mounted
Cooling capacity I35 I35	6000 Watt
Type of refrigerant	R22
Amount of refrigerant	1900 g
Rated frequency	50Hz
Standard power supply	380 V-420 V
Power absorbed L35 L35	1918 W
Compressor	KULTHORN
Ambient temperature range	+15 °C ...+55 °C
internal circuit (m3/h)	1500
Internal fan type	backward
External circuit (m3/h)	3400
External fan type	Axial
Control range	+27 ° ...+45 °C
Factory setting	+28 °C
Condensation discharge	Condensate drain
Weight	105 kg
H × W × D (mm)	1300 × 460 × 460
IP	54

BS6000



BR700 Enclosure Air Conditioner

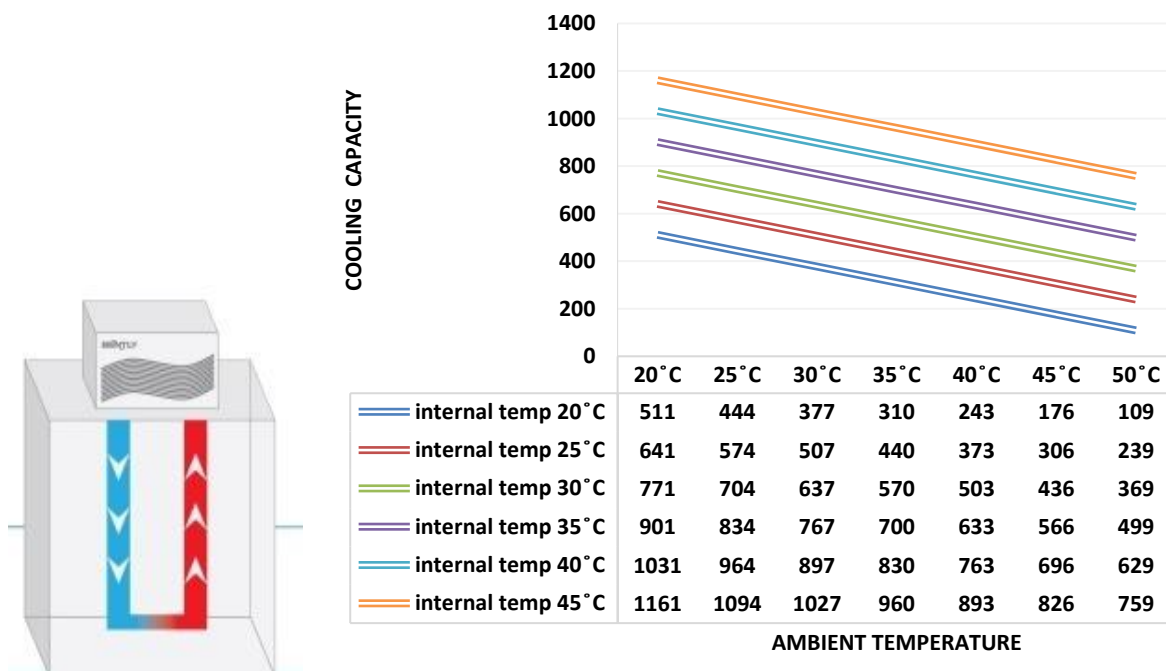
Roof Mounted



Technical Specifications

Model	Br700
Type	Roof mounted
Cooling capacity I35 I35	700 Watt
Type of refrigerant	R 134
Amount of refrigerant	650 g
Rated frequency	50/60 Hz
Standard power supply	198 V-252 V
Power absorbed L35 L35	690 W
Compressor	DANFOSS/EMBRACO
Ambient temperature range	+15°C ...+55°C
internal circuit (m3/h)	240
Internal fan type	Backward
External circuit (m3/h)	490
External fan type	Axial
Control range	+30°...+45°C
Factory setting	+30°C
Condensation discharge	Condensate drain
Weight	40 kg
H×W×D (mm)	450×600×300
IP	54

BR700

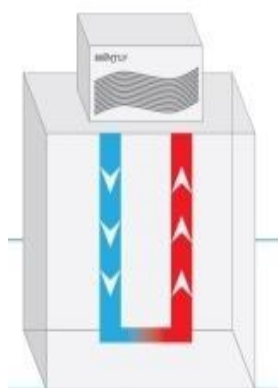


BR1000 Enclosure Air Conditioner

Roof Mounted

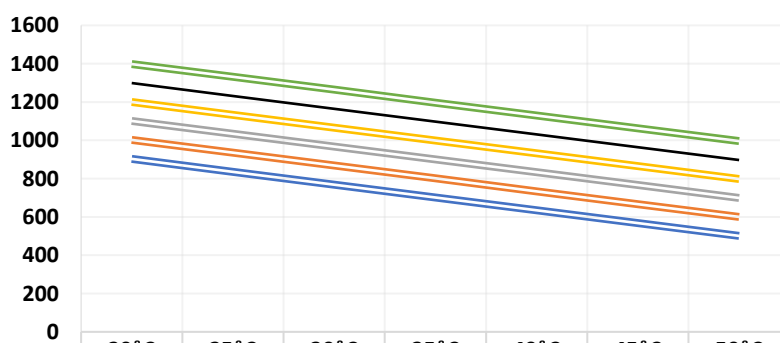


Technical Specifications	Model	Br1000
	Type	Roof mounted
	Cooling capacity I35 I35	1000 Watt
	Type of refrigerant	R134a
	Amount of refrigerant	650 g
	Rated frequency	50/60 Hz
	Standard power supply	198 V-252 V
	Power absorbed L35 L35	690 W
	Compressor	DANFOSS/EMBRACO
	Ambient temperature range	+15°C ...+55°C
	internal circuit (m3/h)	490
	Internal fan type	Backward
	External circuit (m3/h)	780
	External fan type	Axial
	Control range	+30°C ...+45°C
	Factory setting	+30°C
	Condensation discharge	Condensate drain
	Weight	40 kg
	H × W × D (mm)	470 × 600 × 350
	IP	54



COOLING CAPACITY

BR1000

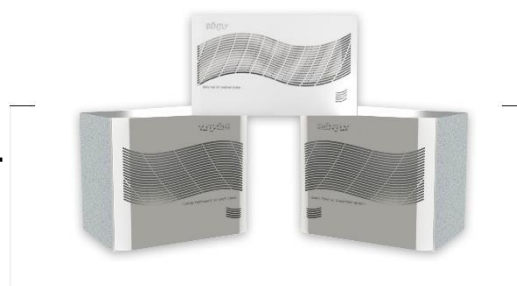


	20°C	25°C	30°C	35°C	40°C	45°C	50°C
internal temp 20°C	903	836	769	702	635	568	501
internal temp 25°C	1002	935	868	801	734	667	600
internal temp 30°C	1101	1034	967	900	833	766	699
internal temp 35°C	1200	1133	1066	999	932	865	798
internal temp 40°C	1299	1232	1165	1098	1031	964	897
internal temp 45°C	1398	1331	1264	1197	1130	1063	996

AMBIENT TEMPERATURE

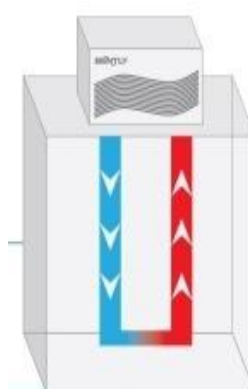
BR2000 Enclosure Air Conditioner

Roof Mounted

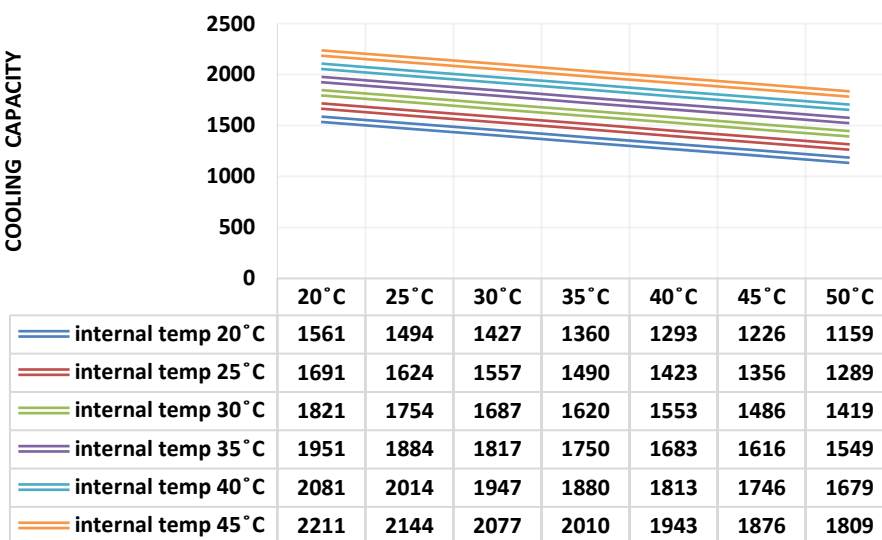


Technical Specifications	Model	Br2000
	Type	Roof mounted
	Cooling capacity I35 I35	1700 Watt
	Type of refrigerant	R134a
	Amount of refrigerant	750 g
	Rated frequency	50/60 Hz
	Standard power supply	198 V-252 V
	Power absorbed L35 L35	890 W
	Compressor	DANFOSS/EMBRACO
	Ambient temperature range	+15 °C ...+55 °C
	internal circuit (m3/h)	520
	Internal fan type	Backward
	External circuit (m3/h)	780
	External fan type	Axial
	Control range	+30 °...+45 °C
	Factory setting	+35 °C
	Condensation discharge	Condensate drain
	Weight	55 kg
	H × W × D (mm)	470 × 700 × 350
	IP	54

BR2000



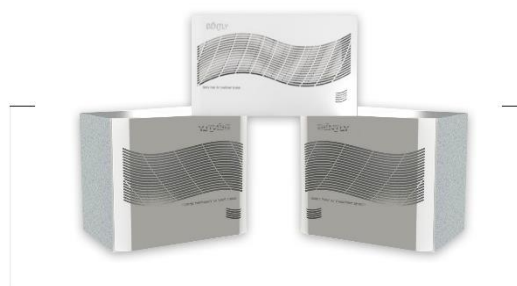
COOLING CAPACITY



AMBIENT TEMPERATURE

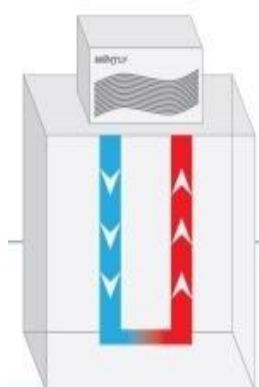
BR3000 Enclosure Air Conditioner

Roof Mounted

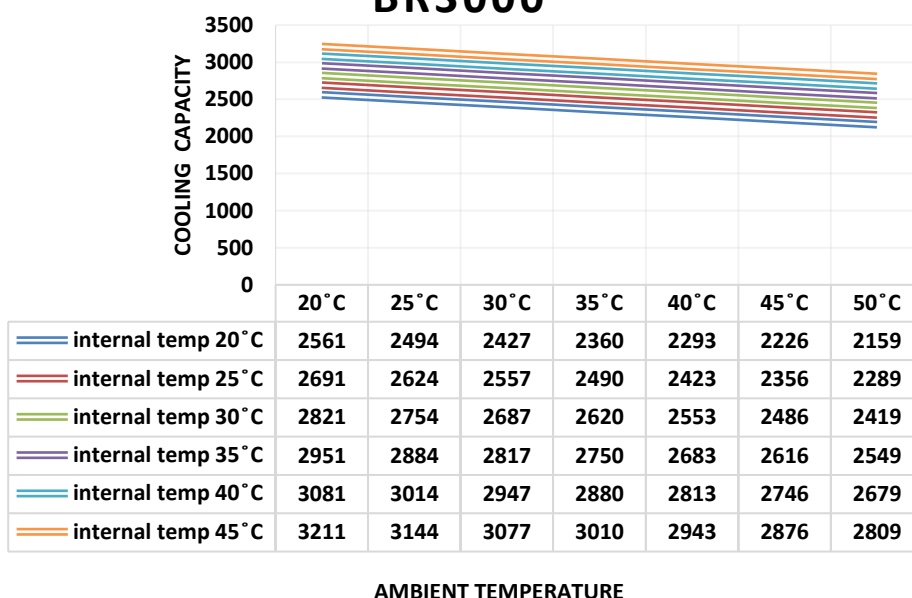


Technical Specifications

Model	Br3000
Type	Roof mounted
Cooling capacity I35 I35	2700 Watt
Type of refrigerant	R134a
Amount of refrigerant	800 g
Rated frequency	50/60 Hz
Standard power supply	198 V-252 V
Power absorbed L35 L35	1200 W
Compressor	DANFOSS/EMBRACO
Ambient temperature range	+15 °C ...+55 °C
internal circuit (m3/h)	810
Internal fan type	Backward
External circuit (m3/h)	960
External fan type	Axial
Control range	+30 °...+45 °C
Factory setting	+35 °C
Condensation discharge	Condensate drain
Weight	63 kg
H × W × D (mm)	500 × 750 × 400
IP	54

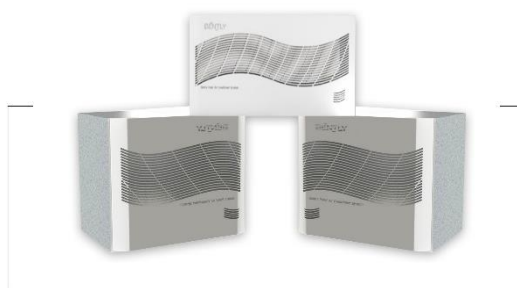


BR3000

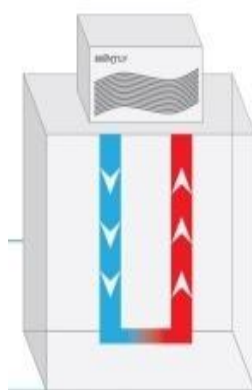


BR4000 Enclosure Air Conditioner

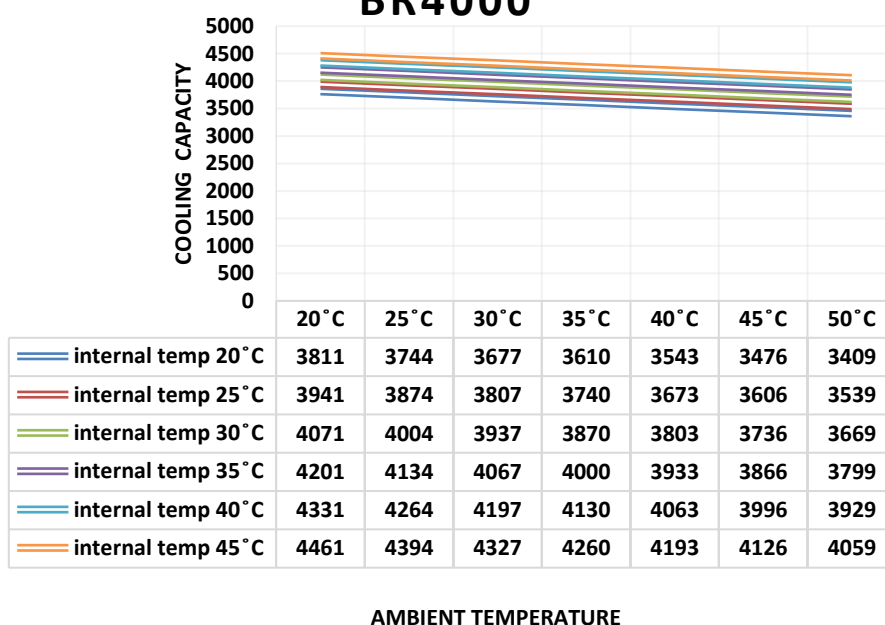
Roof Mounted



Technical Specifications	Model	Br4000
	Type	Roof mounted
	Cooling capacity I35 I35	4000 Watt
	Type of refrigerant	R134a
	Amount of refrigerant	1100 g
	Rated frequency	50/60 Hz
	Standard power supply	198 V-252 V
	Power absorbed L35 L35	1870 W
	Compressor	KALTHORN
	Ambient temperature range	+15 °C ...+55 °C
	internal circuit (m3/h)	1400
	Internal fan type	Backward
	External circuit (m3/h)	2.00
	External fan type	Axial
	Control range	+30 °C ...+45 °C
	Factory setting	+35 °C
	Condensation discharge	Condensate drain
	Weight	11 kg
	H × W × D (mm)	500 × 800 × 450
	IP	54

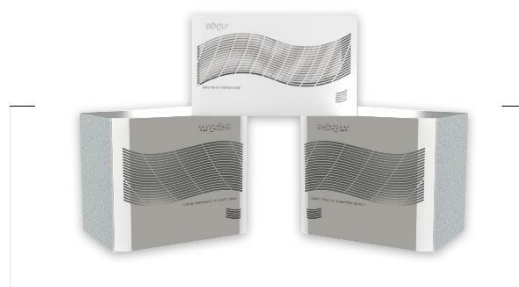


BR4000

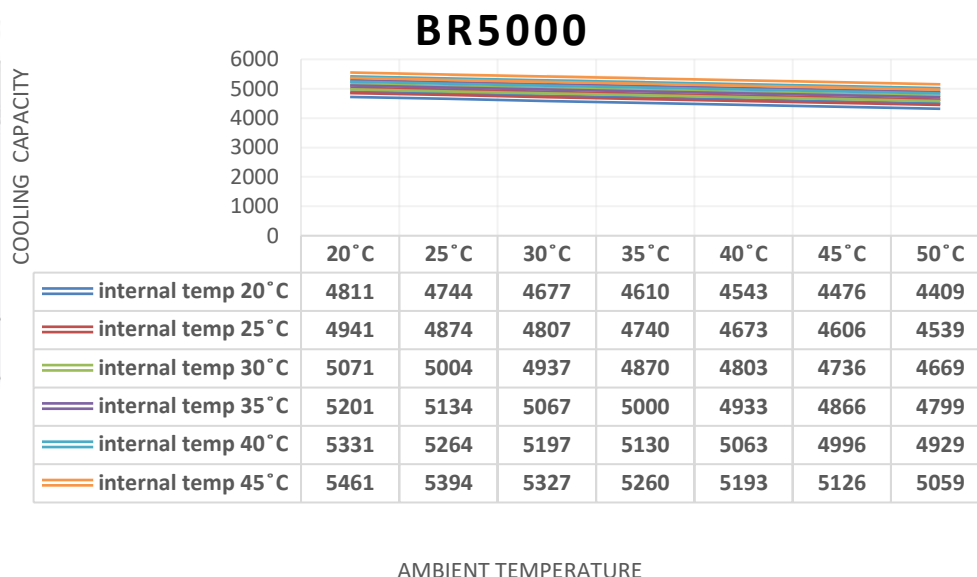
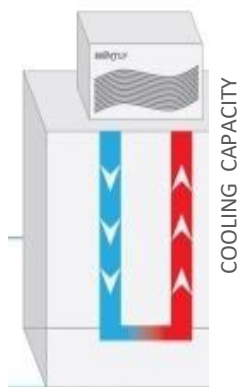


BR5000 Enclosure Air Conditioner

Roof Mounted



Technical Specifications	Model	BR5000
	Type	Roof mounted
	Cooling capacity I35 I35	5000 watt
	Type of refrigerant	R22
	Amount of refrigerant	1100 g
	Rated frequency	50/60 Hz
	Standard power supply	198 V-252 V
	Power absorbed L35 L35	2250 W
	Compressor	kulthorn
	Ambient temperature range	+15°C ...+55°C
	internal circuit (m3/h)	1500
	Internal fan type	Backward
	External circuit (m3/h)	2030
	External fan type	Axial
	Control range	+30°C ...+45°C
	Factory setting	+35°C
	Condensation discharge	Condensate drain
	Weight	80 kg
	H × W × D (mm)	650 × 900 × 470
	IP	54

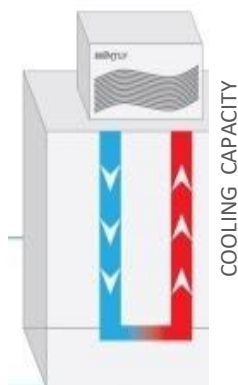


BR6000 Enclosure Air Conditioner

Roof Mounted

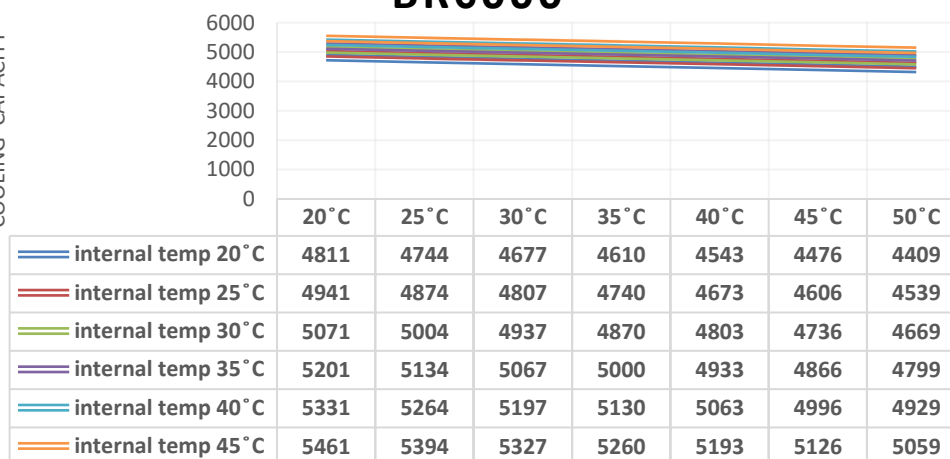


Technical Specifications	Model	BR6000
	Type	Roof mounted
	Cooling capacity I35 I35	6000 watt
	Type of refrigerant	R22
	Amount of refrigerant	1150 g
	Rated frequency	50/60 Hz
	Standard power supply	198 V-252 V
	Power absorbed L35 L35	2250 W
	Compressor	kulthorn
	Ambient temperature range	+15 °C ...+55 °C
	internal circuit (m3/h)	1550
	Internal fan type	Backward
	External circuit (m3/h)	2100
	External fan type	Axial
	Control range	+30 ° ...+45 °C
	Factory setting	+35 °C
	Condensation discharge	Condensate drain
	Weight	11 kg
	H × W × D (mm)	650 × 960 × 470
	IP	54



COOLING CAPACITY

BR6000



AMBIENT TEMPERATURE