

0,45 - 2,9 kW



SBM Mini Type Unit Cooler

SBU Slim Type Angled Unit Cooler



SBM



SBU

SBM Series SBU Series



Охладители серии SARBUZ SBM и SBU предназначены для систем охлаждения малой мощности в зависимости от энергопотребления, уровня звукового давления, капитальных и эксплуатационных затрат.

SARBUZ SBM & SBU Series Unit Coolers are designed for low capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.



SBM-43-120-AD

Product Classification

Mini Type Unit Cooler

SBM-

Fin Spacing

4

Coil Code

3-

Fans 1 pcs. x Ø 200mm.

120-

Air defrost or without heater

AD

Hot gas defrost

GD

Electric defrost for high temperature

HT

SBU-43-120-AD

Product Classification

Slim Type Angled Unit Cooler

SBU-

Fin Spacing

4

Coil Code

3-

Fans 1 pcs. x Ø 200mm.

120-

Air defrost or without heater

AD

Hot gas defrost

GD

Electric defrost for high temperature

HT

SBM & SBU Unit Coolers Capacity

■ Fin Spacing **4,0 mm**

MODEL	Capacity				Heat Transfer Surface	FAN					Energy Efficiency Class	Electrical Defrost		
	SC1	+2/-8	SC2	SC3		Diameter	Air Flow	Air Throw	Power Input	Sound Pressure Level		HT	LT	
												Coil	Coil	Drip Tray
	To= 10°C Te= 0°C ΔT=10K	To= +2°C Te= -8°C ΔT=10K	To= 0°C Te= -8°C ΔT=8K	To= -18°C Te= -25°C ΔT=7K		Watt	Watt	Watt						

SBM SERIES

1x	SBM-43-120	670	610	450	370	1,8	200	319	3,0	32	34	E	1 x 200	-	-
	SBM-44-120	750	680	510	400	2,1	200	309	2,9	32	34	E	1 x 200	-	-
2x	SBM-43-220	1340	1220	910	740	3,6	200	638	4,0	64	37	E	1 x 400	-	-
	SBM-44-220	1510	1370	1030	830	4,3	200	617	3,9	64	37	E	1 x 400	-	-
3x	SBM-45-220	1640	1490	1120	890	5,0	200	597	3,8	64	37	D	1 x 400	-	-
	SBM-44-320	2290	2070	1550	1170	6,4	200	926	4,9	96	39	E	1 x 600	-	-
	SBM-45-320	2440	2200	1650	1210	7,5	200	895	4,8	96	39	D	1 x 600	-	-

SBU SERIES

1x	SBU-43-120	980	890	670	500	2,7	200	430	3,0	32	34	D	1 x 200	-	-
	SBU-44-120	1070	970	720	510	3,2	200	410	2,9	32	34	D	1 x 200	-	-
2x	SBU-43-220	1960	1780	1330	1030	5,3	200	860	4,0	64	37	D	1 x 400	-	-
	SBU-44-220	2170	1970	1480	1100	6,4	200	820	3,9	64	37	D	1 x 400	-	-
3x	SBU-43-320	3000	2730	2040	1580	8,0	200	1280	4,9	96	39	D	1 x 600	-	-
	SBU-44-320	3280	2980	2230	1680	9,6	200	1230	4,8	96	39	D	1 x 600	-	-

Not: The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

SBM



SBU



Specifications

Evaporator Coil

- Copper tubes Ø5/16",
- Fins made of aluminium,
- Fin spacing is 4 mm,
- Header inlet and outlet tube connections made of copper,
- Highest permissible working pressure $P_s=24$ Bar.

Casing

- Aluminium sheet without painted.

Fans

- Low-noise axial fans with maintenance free motors,
- Single phase 230V 1~ 50Hz,
- Constructions insulation material class F/B, admissible temperature -30°C up to $+40/+55^{\circ}\text{C}$,
- In case of long periods of non operation the motors must be operated every month for 2 hours,
- The integral thermo contacts (thermistors) must be used as motor protection,
- At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications

- The sound pressure levels are calculated according to EN 13487.

Defrosting

- Electrical defrost as HT as optional,
- Hot gas defrost without tubing inside of coil and drip tray, without non-return valve,

Capacity

- The nominal capacities calculated according to Eurovent (EN 328) standards that refer to $(+2^{\circ}\text{C}/-8^{\circ}\text{C})$ - SC1 - SC2 - SC3 conditions and are valid for R404A,
- The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature T_r , evaporating temperature T_e and $(\Delta T = T_r - T_e)$.

Options

- Different casing color,
- Other tube wall thicknesses and fin spacing on request,
- Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes

- Please check our user manual for installation, maintenance, carrying and lifting details.

Accessories

- Hot gas defrost in coil and drip tray,
- Casing made of stainless steel,
- Epoxy resin coated aluminium fins,
- Fan cable heaters,