

Ref.: Projekt
 Cold Room: Raum

Unit cooler KÜBA SGBE 093C

Article: 4015.093

Capacity Qo [kW]	Air inlet TL1 [°C]	Air outlet TL2[°C]	Evapor. Temp. to [°C]	Temp. diff. DT1 [K]	Superheat- T. toh [°C]	Refrigerant	Speed n [min-1]
24,75	0,0	-4,4	-8,0	8,0	-2,8	R404A	1400

Technical datas:

Air flow:	13600 m ³ /h	Type calculation follows:	el. defrost:	230V-1/400V-3-Y
Air throw:	45,0 m	at speed of 1400 min-1	Coil:	9,38 kW
Surface:	122,0 m ²	Qo (DT1=8,0 K):	Drip tray:	0,94 kW
Fin Spacing:	7,0 mm	toh (DT1=8,0 K):	Total:	10,32 kW
Tube volume:	29,7 l	to (DT1=8,0 K):		

Fan(s):

3 Pieces: 230/400±10%V-3-50/60Hz; IP44	Operating data per Fan	Motor plate per Fan
Blade diameter: 500 mm	Op. mode: 50 Hz	Op. mode: 50 Hz
Range of temp.: -40 up to +45 °C	Speed: 1417 min-1	Speed: 1400 min-1
Sound power: 83 dB(A)	Capacity: 360 Watt	Capacity: 450 Watt
Lpa at 10 m: 52 dB(A)	Cur. intake: 0,86 A	Cur. intake: 1,00 A

Sound level LpA refers to installation outside (as per DIN 45635)

Dimensions and weight:

Connection On:	22* mm
Connection Off:	54 mm

*=multiple-injection with KÜBA-CAL Distributer

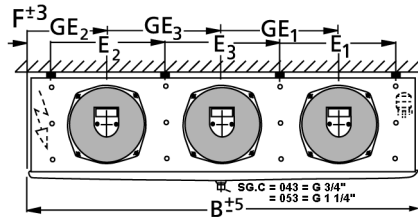
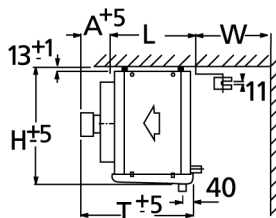
Net weight:	184,0 kg
Gross weight:	239,0 kg
h. ab. sea level	0 m

Materials:

Tubes:	Copper
Fins:	Al
Casing:	Al ; RAL 9018

version 2009.01

H = 660 mm
 B = 2625 mm
 T = 650 mm
 L = 495 mm
 F = 173 mm
 A = 160 mm
 W = 400 mm



E1 = 2280 mm; E2 = 765 mm; E3 = 1515 mm; GE1= 2070 mm; GE2= 555 mm; GE3= 1313 mm;

Volume packed H =900 mm; Volume packed B =2730 mm; Volume packed T =880 mm;

Categorization as per pressure equipment directive (PED): category " 0" for fluid group "" 2" at max. allowable pressure of PS=32 bar.

Execution hints and dimensional changes for options can be found in the catalogue.

Please also note our general hints for mounting and operation.

Important: In case of use of frequency converters for speed control please read our regulations.