

Küba SG industrial

MORE POWER. FROM LESS ENERGY.



YOUR BENEFITS

- ▶ The Küba SG industrial is the customization artist. With its **numerous versions** the SGi masters the **most complex refrigeration applications**.
- ▶ **Powerful, just when it is needed:**
Great performance by customized injections matched to application.
- ▶ **Optimized heat exchanger geometry and a aerodynamically integrated fan system:** Greater specific output and reduced input capacity of up to 70%.
- ▶ **All fan variants** are available for **both air flow directions:** draw-through and blow-through.
- ▶ **Noise-emission reduction of up to 16dB(A)** in comparison to previous fans.
- ▶ **Safety in the long run:** highly efficient motors surpassing ERP Directives. 75% of the entire series with energy efficiency classes A-B.
- ▶ **Hinged drip trays, hinged fans and side panels** enable easy access and are simple to clean.
- ▶ **The flow-optimized design of the drip tray** improves air flow starting from air entry, and assures ideal air distribution.

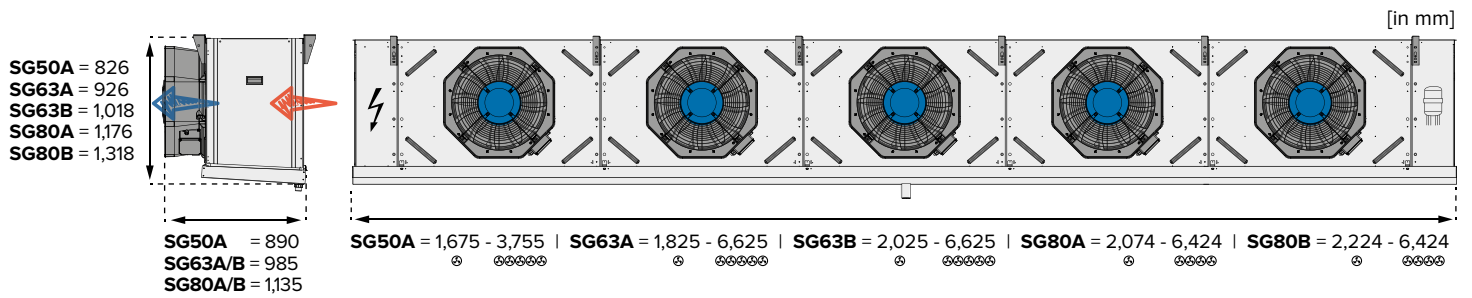
CAPACITY RANGE

HFC
5.4 kW - 156 kW
 $t_i=0^{\circ}\text{C} \mid t_o=-8^{\circ}\text{C} \mid \text{DT1}=8\text{K} \mid \text{R404A} \mid [\text{SC2}]$

6.1 kW - 151 kW
 $t_i=0^{\circ}\text{C} \mid t_o=-8^{\circ}\text{C} \mid \text{DT1}=8\text{K} \mid \text{R744} \mid 45/60 \text{ bar}$
Brine
9.6 kW - 176 kW
 $t_i=+16^{\circ}\text{C} \mid t_{si}=+4^{\circ}\text{C} \mid t_{s2}=+8^{\circ}\text{C} \mid \text{Water} \mid [\text{SC10}]$

7.0 kW - 188 kW
 $t_i=0^{\circ}\text{C} \mid t_o=-8^{\circ}\text{C} \mid \text{DT1}=8\text{K} \mid \text{R717} \mid [\text{SC2}]$

AIR DIRECTION & DIMENSIONS



FANS

▶ AC Technology	<input checked="" type="checkbox"/>		Ø 500 mm
▶ EC Technology	<input checked="" type="checkbox"/>		Ø 630 mm
▶ Rapid Cooling	<input checked="" type="checkbox"/>		Ø 800 mm
▶ Deep Freezing	<input checked="" type="checkbox"/>		
▶ ATEX	<input checked="" type="checkbox"/>		
▶ Silent Execution	<input checked="" type="checkbox"/>		

HEAT EXCHANGER

- ▶ Tube System: Aligned
- ▶ Tube spacing: 50 x 50 mm | Ø 15 mm
- ▶ Fin spacing: [in mm]
 A = 4.5 | B = 7.0 | K = 10.0 | L = 12.0
- ▶ Single/Multiple injection via Küba CAL® Distributor

DEFROST

DEFROST	COIL	DRIP TRAY
Electric	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hot Gas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cold Gas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Brine	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

VARIANTS & ACCESSORIES

- ▶ Shut-Up® (Adapter for textile hose connection, integrated)
- ▶ Wall Ring Heating WH
- ▶ Defrost Hood
- ▶ Finned-Tube Heaters SGHR/SGHRZ
- ▶ Floor Mounting Brackets
- ▶ Doubled, insulated Drip Tray
- ▶ Side panels hinged

MATERIAL

MATERIAL	TUBE	FINS	CASING	END PLATE
Aluminum		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Copper	<input checked="" type="checkbox"/>			
Aluminum epoxy-resin-coated		<input checked="" type="checkbox"/>		
Aluminum/Steel protective coating			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Steel sendzimir zinc-plated			<input checked="" type="checkbox"/>	
Stainless Steel	<input checked="" type="checkbox"/> *		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Standard execution | Available as a variant | * Standard for NH₃
 Casing and Heat Exchanger powder coated (RAL 9010)

NOTE

With our product selection software Kelvion RT Select you can configure our products and spare parts easily and very detailed for your customer. Reliable support during the project planning phase and time savings by means of a detailed selection is guaranteed.