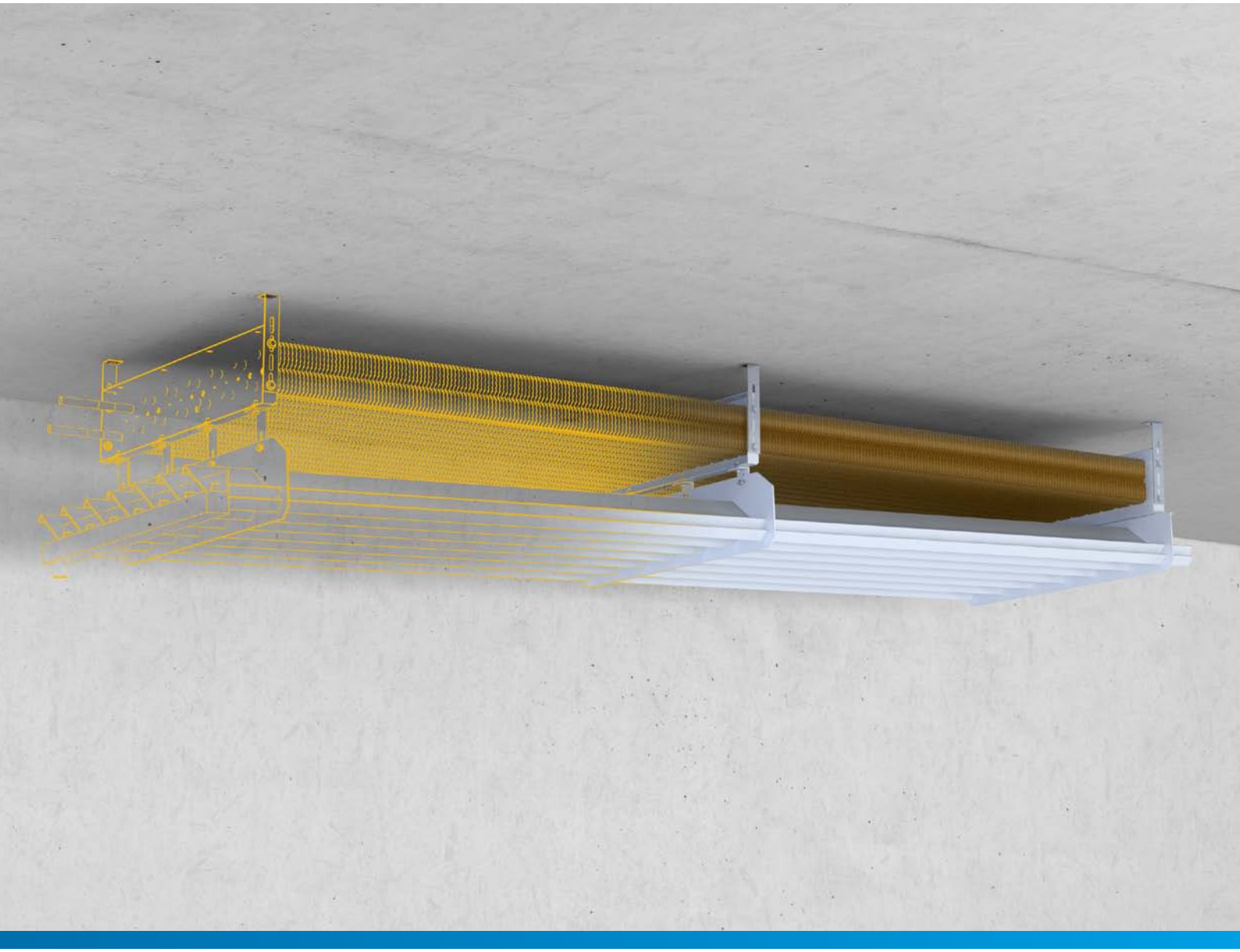
CHANGING
GEA HEAT EXCHANGERS



Küba KVB *natural*

Natural convection Air Coolers

Küba KVB *natural*

Natural convection Air Coolers







Optimal utilisation of space

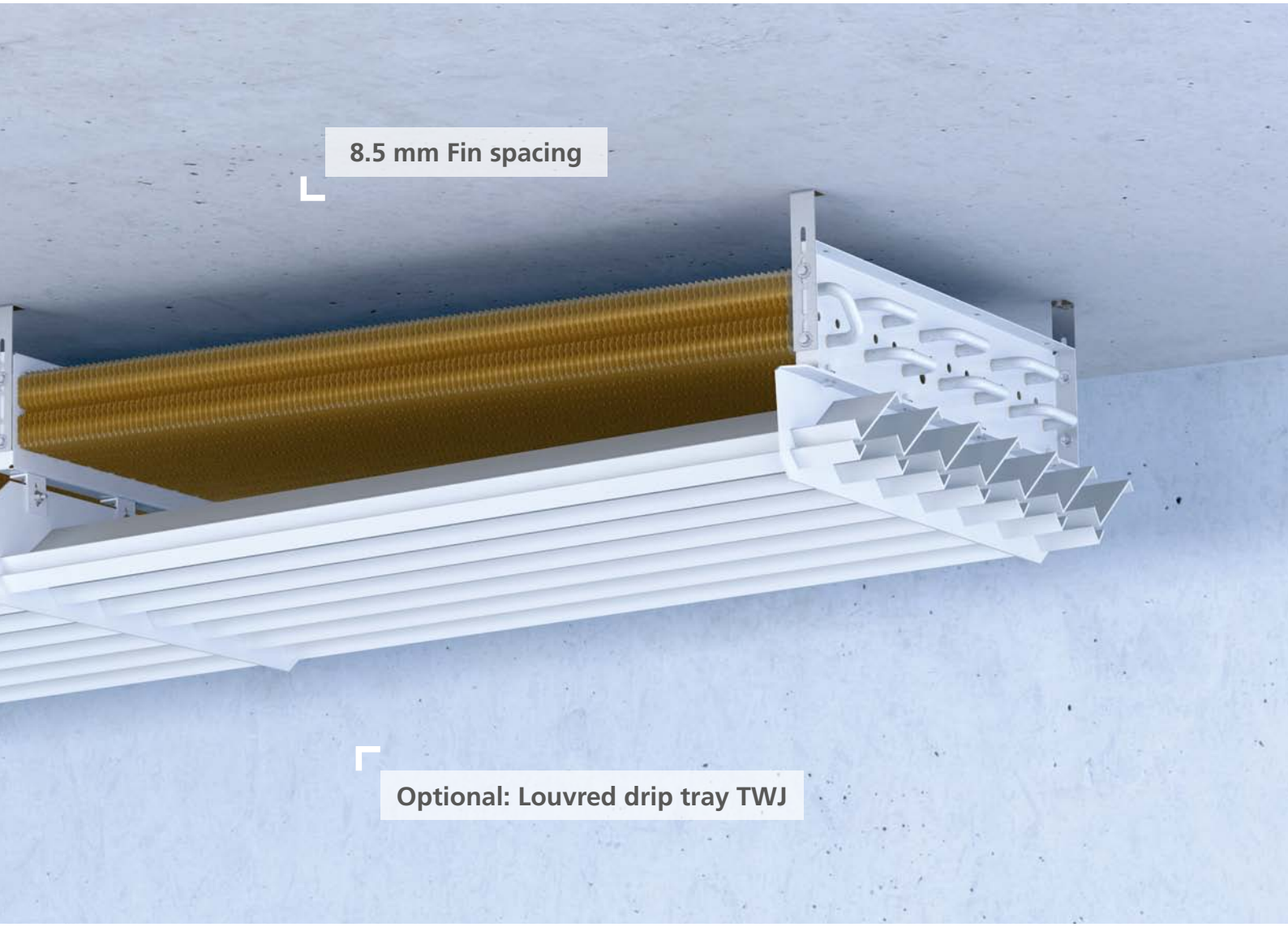
Type designation code

1	2	3
KVB	E	2410

1 Model range designation

2 Electric defrost

3 Size



Capacity range (t_{L1}=+10°C; DT1=10K)

0,6 kW 4,4 kW

Temperature range (t_{L1})

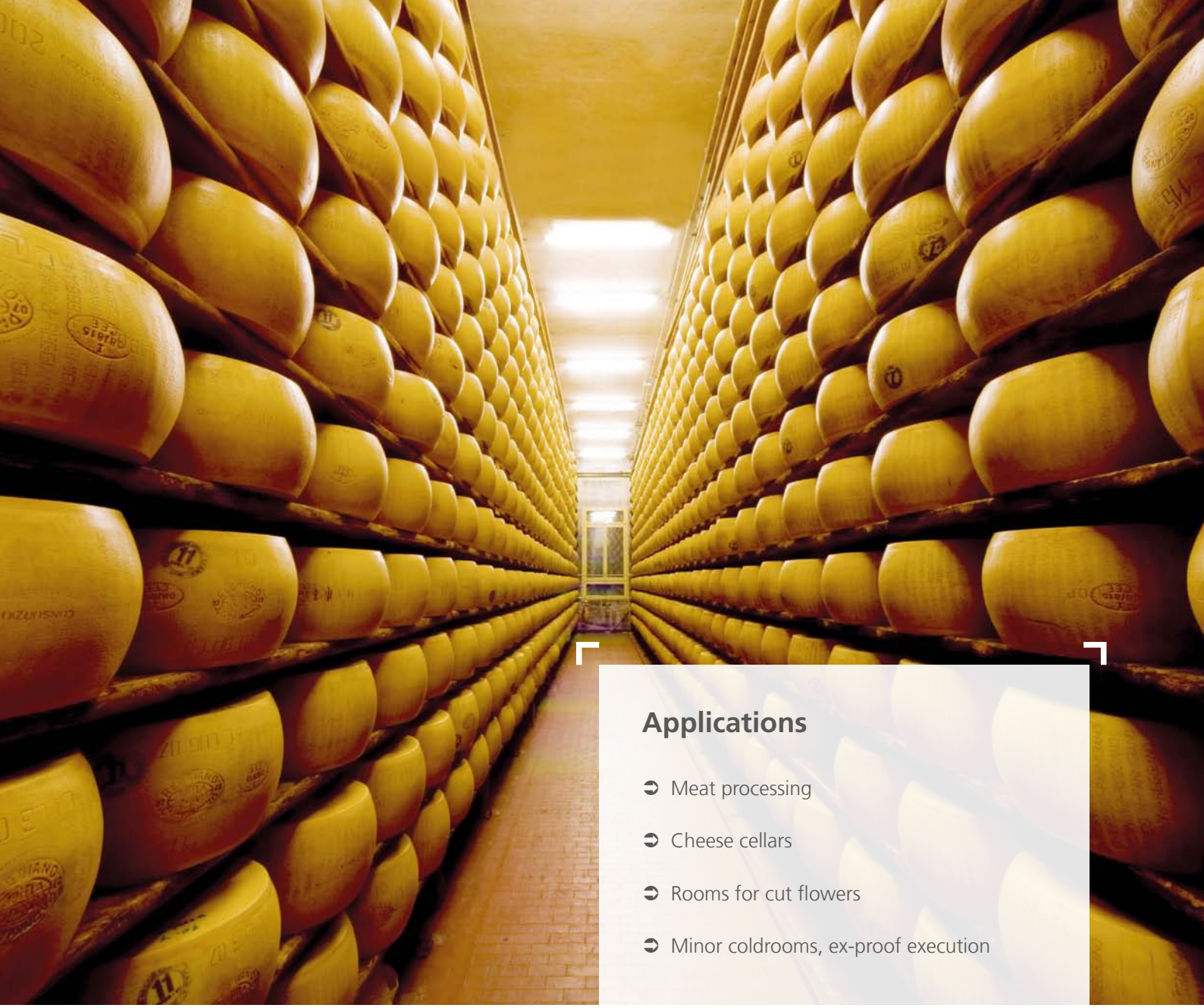
+4°C +30°C

Number of fans

–

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Applications

- Meat processing
- Cheese cellars
- Rooms for cut flowers
- Minor coldrooms, ex-proof execution

Küba KVB *natural*

Basic version

Heat Exchanger

- Internally oilfree to DIN 8964
- Fin spacing 8,5 mm
- Tubes staggered
- Tubing Cu-special
  Fins: Aluminum, epoxy-resin-coated
  End plates: Aluminum, protective coating

Electric Defrost

- Resistances not connected
- 2 connection boxes loose
- 230 V-1, 50 / 60Hz

Recommendations

- With DT1 lower than 8K capacity losses may occur
- t_{L1} lower than 4°C might cause ice formations in the louvred drip tray
- Minimum distance of air cooler from ceiling: Measure T x 0.35
- Suspension with usual in the trade thread staffs
- KVB coolers are available also for water circulation

Küba KVB *natural*

Technical Data, Dimensions, Electric defrost

8.5 mm

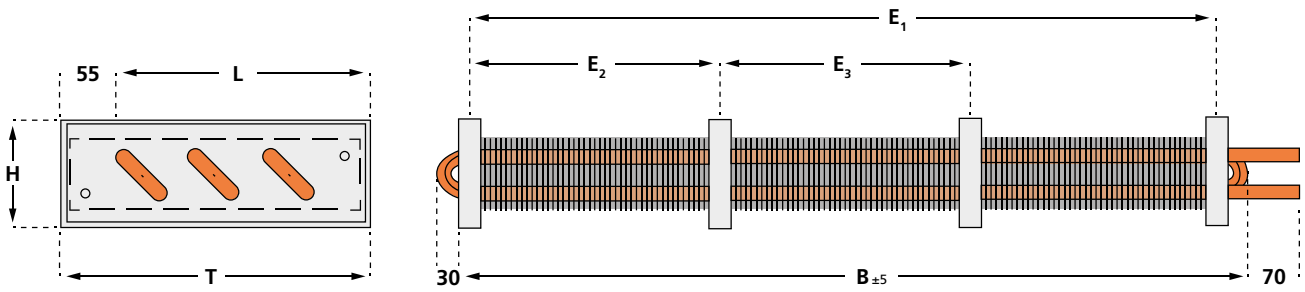
Model	Capacity Q_0 at t_{L1} = +10°C; DT1=10K	Surface	Tube Volume	Connections		Dimensions							Weight	Electric defrost 230 V-1 400 V-3
				Inlet	Outlet	H	B	T	L	E_1	E_2	E_3		
	kW	m^2	dm^3	Ø mm	Ø mm	mm	mm	mm	mm	mm	mm	mm	kg	kW
KVB 2410	0.6	10.2	1.3	12 x 1.0*	12 x 1.0	150	1,015	420	310	930	-	-	15	0.70
KVB 2413	0.8	13.7	1.7	12 x 1.0*	12 x 1.0	150	1,315	420	310	1,230	615	-	21	0.88
KVB 2416	1.0	17.0	2.1	12 x 1.0*	12 x 1.0	150	1,615	420	310	1,530	765	-	23	1.12
KVB 2513	1.0	17.1	2.1	12 x 1.0*	12 x 1.0	150	1,315	520	410	1,230	615	-	21	1.31
KVB 2516	1.3	21.3	2.6	12 x 1.0*	15 x 1.0	150	1,615	520	410	1,530	765	-	24	1.68
KVB 2519	1.5	25.5	3.1	12 x 1.0*	15 x 1.0	150	1,920	520	410	1,830	915	-	28	1.89
KVB 2616	1.5	25.5	3.1	12 x 1.0*	15 x 1.0	150	1,615	620	510	1,530	765	-	28	1.68
KVB 2619	1.8	30.5	3.7	12 x 1.0*	15 x 1.0	150	1,920	620	510	1,830	915	-	37	1.89
KVB 2623	2.2	37.3	4.5	12 x 1.0*	15 x 1.0	150	2,320	620	510	2,230	1,115	-	41	2.42
KVB 2719	2.1	35.6	4.4	12 x 1.0*	15 x 1.0	150	1,920	720	610	1,830	915	-	39	2.52
KVB 2723	2.6	43.5	5.3	15x1.0**	18 x1.0	150	2,320	720	610	2,230	1,115	-	45	3.22
KVB 2823	2.9	49.7	6.0	15x1.0**	18 x1.0	150	2,345	820	710	2,230	1,115	-	47	3.22
KVB 2828	3.5	59.6	7.1	15x1.0**	18 x1.0	150	2,785	820	710	2,670	890	890	64	3.92
KVB 2923	3.3	55.9	6.8	15x1.0**	18 x1.0	150	2,345	920	810	2,230	1,115	-	81	3.22
KVB 2928	4.0	67.0	8.0	15x1.0**	22 x1.0	150	2,785	920	810	2,670	890	890	100	3.92
KVB 21023	3.7	62.2	7.5	15x1.0**	18 x1.0	150	2,345	1,020	910	2,230	1,115	-	87	3.22
KVB 21028	4.4	74.5	8.9	15x1.0**	22 x1.0	150	2,785	1,020	910	2,670	890	890	107	3.92

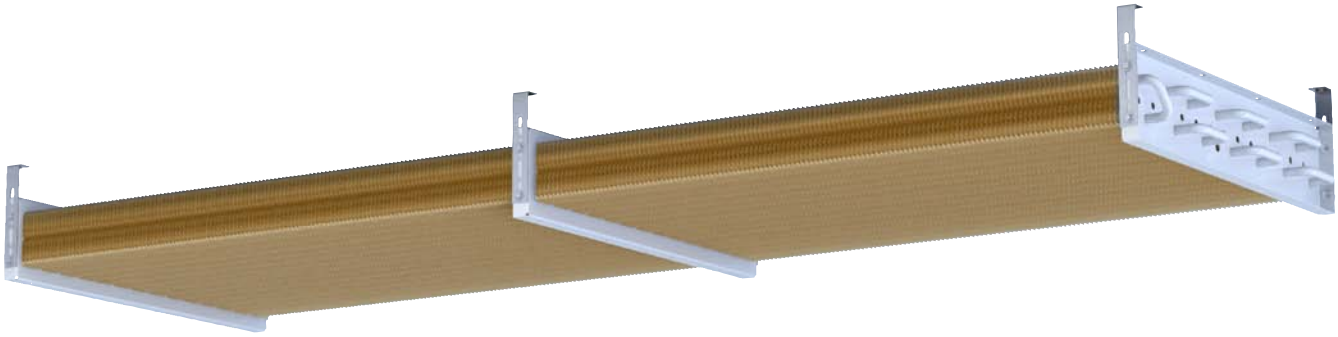
* Single injection

** Multiple injection through Venturi distributor

Subject to modification.

Dimensional drawings Küba KVB *natural*





Küba KVB *natural*

Variants

Protection against corrosion

V 6.02 Corrosion protection 2

Tubing: Stainless steel (V2A)
Fins: Aluminum, epoxy-resin-coated
End plates: Stainless steel

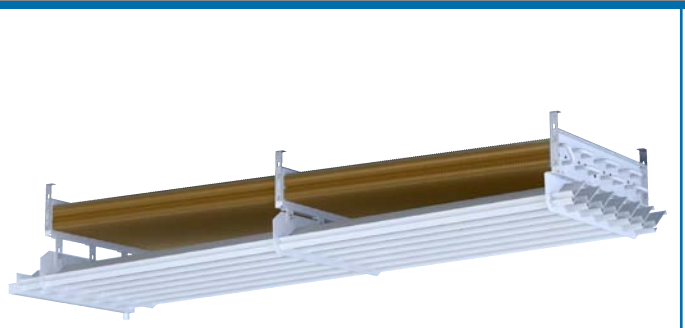
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Accessories

Accessories

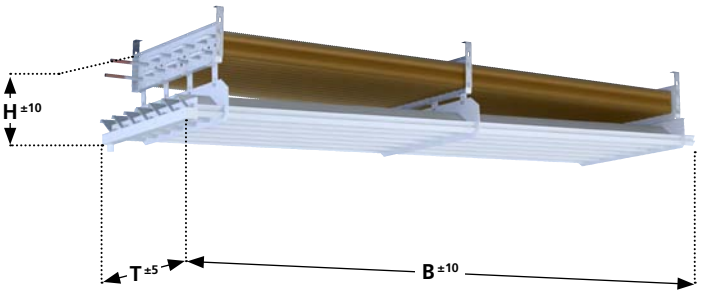
Louvred drip tray TWJ

- Delivery unmounted packed
- Quick and easy mounting
- Synthetic material, white, can be recycled
- Surface water repellend
- Food contact quality surface finish
- Temperature resistant - 30°C /+50°C
- Easy cleaning



Selection table & dimensions:

	Dimensions			Weight
For model	H	B	T	gross
	mm	mm	mm	kg
KVB 2410	335	1.155	492	4
KVB 2413	350	1.455	492	5
KVB 2416	360	1.755	492	6
KVB 2513	350	1.455	602	6
KVB 2516	360	1.755	602	7
KVB 2519	370	2.055	602	8
KVB 2616	360	1.755	712	8
KVB 2619	370	2.055	712	9
KVB 2623	390	2.455	712	10
KVB 2719	370	2.055	822	11
KVB 2723	390	2.455	822	12
KVB 2823	390	2.455	932	12
KVB 2828	405	2.895	932	16
KVB 2923	390	2.455	1.042	16
KVB 2928	405	2.895	1.042	17
KVB 21023	390	2.455	1.152	17
KVB 21028	405	2.855	1.152	19



Drain 3/4“

www.brand-change.com

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Subject to technical changes