



**Küba SG industrial**





Technical Data (R404A)

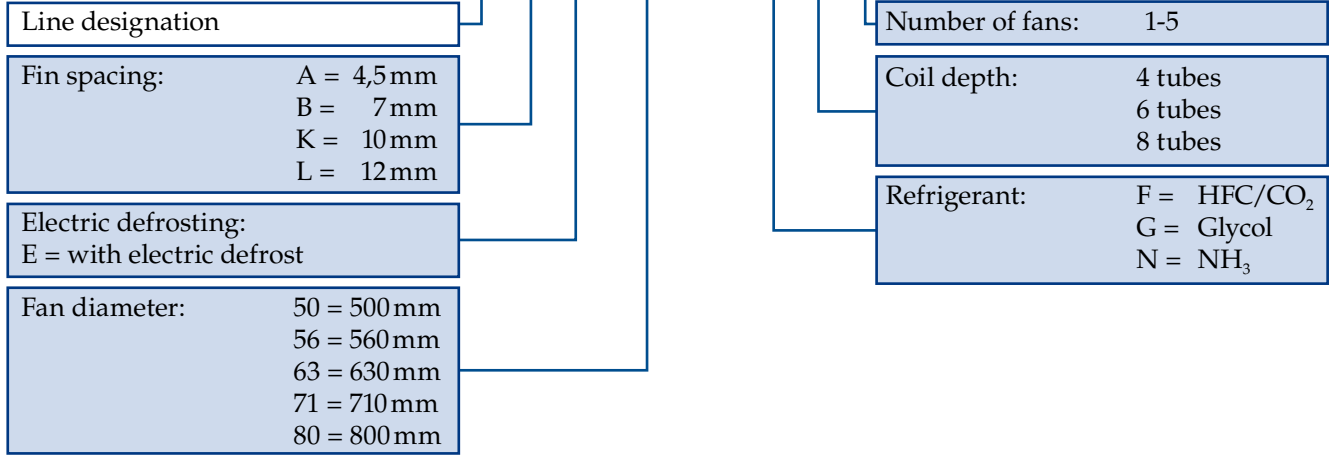
SGA-F



Nomenclature

Standard

SG A E 71 - F 6 2



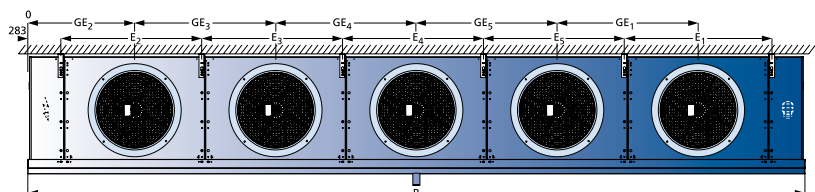
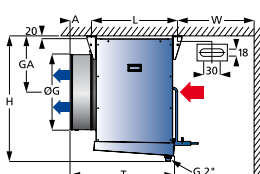
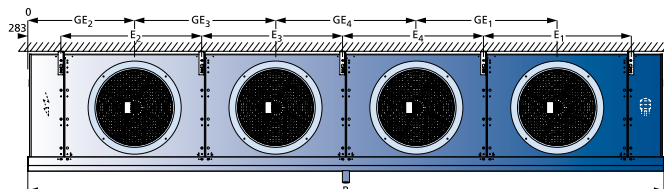
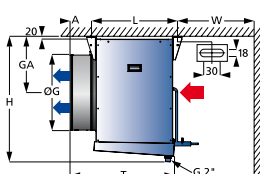
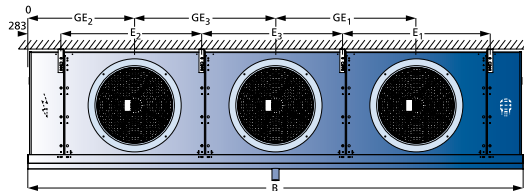
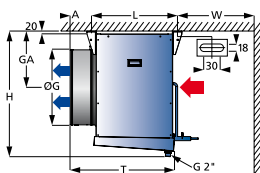
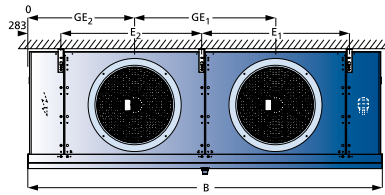
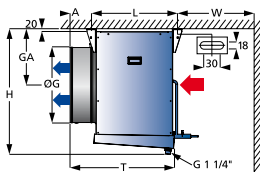
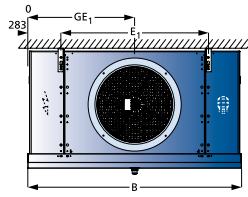
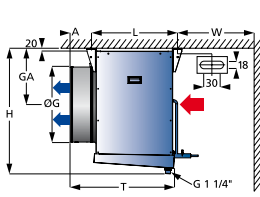
SGA(E)-F

Model	Rating Q <sub>0</sub> at 50 Hz		Surface	Air flow		Air throw		Tube volume	Connections			Per Fan 400 ± 10% V-3~ 50Hz (operating values at 50 Hz)		
	t <sub>li</sub> ± 0 °C DT1 = 8K	t <sub>li</sub> -18 °C DT1 = 7K		m <sup>2</sup>	m <sup>3</sup> /h	m	m		Inlet	Outlet	Blade	min <sup>-1</sup>	W	A
50-F41	⊕	9,8	7,9	55	5900	23	15	9	10	28	500	1390	657	1,32
50-F61	⊕	12,2	9,8	82	5400	23	15	13	10	28	500	1390	657	1,32
56-F41	⊕	12,5	10,1	73	7200	28	18	12	10	28	560	1338	813	1,78
56-F61	⊕	15,7	12,5	110	6750	28	18	17	15	35	560	1338	813	1,78
56-F81	⊕	17,6	14,1	146	6300	28	18	23	15	35	560	1338	813	1,78
63-F41	⊕	15,5	12,3	99	8010	33	21	16	15	28	630	919	539	1,38
63-F61	⊕	19,2	15,3	148	7650	33	21	23	22	35	630	919	539	1,38
63-F81	⊕	21,1	16,7	198	7020	33	21	31	22	35	630	919	539	1,38
71-F41	⊕	23,1	18,5	154	11700	43	26	24	15	35	710	940	1140	2,39
71-F61	⊕	28,3	22,6	231	11000	43	26	36	22	35	710	940	1140	2,39
71-F81	⊕	31,6	25,2	308	10400	43	26	48	22	42	710	940	1140	2,39
80-F41	⊕	31,8	25,5	179	18450	48	-	28	15	42	800	940	1630	3,46
80-F61	⊕	39,5	31,5	269	17460	48	-	42	22	42	800	940	1630	3,46
80-F81	⊕	44,0	35,1	359	16200	48	-	56	22	42	800	940	1630	3,46
50-F42	⊕⊕	19,6	15,6	110	11800	33	21	17	15	35	500	1390	657	1,32
50-F62	⊕⊕	24,6	19,6	164	10800	33	21	25	15	35	500	1390	657	1,32
56-F42	⊕⊕	25,1	20,1	146	14400	39	25	22	15	35	560	1338	813	1,78
56-F62	⊕⊕	31,6	25,2	220	13500	39	25	34	22	42	560	1338	813	1,78
56-F82	⊕⊕	35,3	28,2	292	12600	39	25	45	22	42	560	1338	813	1,78
63-F42	⊕⊕	30,8	24,6	198	16020	45	29	30	22	42	630	919	539	1,38
63-F62	⊕⊕	38,6	30,8	296	15300	45	29	45	22	42	630	919	539	1,38
63-F82	⊕⊕	42,1	33,6	396	14040	45	29	60	22	42	630	919	539	1,38
71-F42	⊕⊕	46,3	37,1	308	23400	58	35	46	22	42	710	940	1140	2,39
71-F62	⊕⊕	56,8	45,3	462	22000	58	35	70	28	54	710	940	1140	2,39
71-F82	⊕⊕	63,2	50,5	616	20800	58	35	93	28	54	710	940	1140	2,39
80-F42	⊕⊕	63,7	51,0	358	36900	63	-	54	22	54	800	940	1630	3,46
80-F62	⊕⊕	79,0	63,1	538	34920	63	-	82	2x22	2x42	800	940	1630	3,46
80-F82	⊕⊕	88,0	70,2	718	32400	63	-	108	2x22	2x42	800	940	1630	3,46
50-F43	⊕⊕⊕	29,5	23,5	165	17700	40	26	25	15	42	500	1390	657	1,32
50-F63	⊕⊕⊕	37,0	29,5	246	16200	40	26	37	22	42	500	1390	657	1,32
56-F43	⊕⊕⊕	37,7	30,1	220	21600	49	32	33	15	42	560	1338	813	1,78
56-F63	⊕⊕⊕	47,5	37,8	330	20250	49	32	50	22	42	560	1338	813	1,78

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Dimensional Drawings



\* Note the differences in dimension for accessories!

The dimensions are only valid for the standard model design! When installing fans other than those listed in the „Technical data“, dimensions T and A are larger.

Sound power level  $L_{WA}$  [dB(A)]



Model	☪	☪ ☪	☪ ☪ ☪	☪ ☪ ☪ ☪	☪ ☪ ☪ ☪ ☪
SG 50	78	81	83	84	85
SG 56	85	88	90	91	92
SG 63	75	78	80	81	82
SG 70	87	90	92	93	–
SG 80	85	88	90	91	–







## Accessories

### Air Hoses (on site procurement, not available from Küba)

Ventilation can be optimised with textile / PVC air hoses.

#### Applications

- Applications in work rooms and production areas
- Cooled goods that are sensitive to drafts (i.e. flowers, ripening cheeses)

#### Advantages

The air hoses make uniform air distribution possible at very low air speeds.

- Working in a draft-free environment yields low illness rates
- Maximum protection for sensitive cooled goods
- No condensation water: temperatures do not fall below the dew point because air can penetrate the woven material

#### Calculation hints

Please take the respective pressure drop for the cooler design into consideration.

