

Air Cooler
Industrial Refrigeration



AIR COOLER
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Fin Spacing 4mm, 6mm, 8mm
Capacity from 10.1 to 173.3kW

The IIH、IIM、 IIL series industrial refrigeration air cooler are suitable for the large and medium-sized cold storages,cold chain logistics center.

Using 12.7 internal threaded copper tube fork row arrangement, sine-wavepattern aluminum alloy fins. Suitable for most Freonrefrigerants on the market.

Industrial refrigeration air cooler using a full aluminum-magnesium alloy shell, light weight and has a certaincorrosion resistance.

Industrial Refrigeration Air Cooler | High-temperature fin space 4mm

Model	Capacity, kW		Fan Data				Electric Defrost		Take-over Dimensions mm		External Dimensions B×T×H		Circuit Vol. dm³	Weight KG
	SC1	SC2	Fan motor N x mm	Fan power W	Air flow m³/h	Range m	Defrosting power of fins kW	Defrosting power of pan kW	Inlet/outlet	Drain pipe	Length x width x height mm	Drawing No		
IIH25.9/404E	37.3	25.9	4 x 400	4 x 205	11340	15	1.8 x 5	0.9 x 1	28/42	G1	2520 x 525 x 570	(6)	25. 2	106
IIH23.4/502E	30.2	23.4	2 x 500	2 x 750	14100	27	1.4 x 6	0.7 x 1	22/35	G1	2000 x 640 x 740	(9)	16.3	88
IIH24.8/502E	35.2	24.8	2 x 500	2 x 750	14100	27	1.4 x 6	0.7 x 1	28/35	G1	2000 x 640 x 740	(9)	20.3	100
IIH26.7/502E	38.7	26.7	2 x 500	2 x 750	13870	27	1.4 x 6	0.7 x 1	28/35	G1	2000 x 640 x 740	(9)	24.4	112
IIH30.6/502E	43.8	30.6	2 x 500	2 x 750	13320	26	1.4 x 6	0.7 x 1	28/42	G2	2000 x 640 x 740	(9)	32.5	126
IIH37.2/503E	53.3	37.2	3 x 500	3 x 750	21330	28	2.4 x 6	1.2 x 1	28/42	G2	2900 x 640 x 740	(10)	31.4	145
IIH41.4/503E	59.3	41.4	3 x 500	3 x 750	19580	26	2.4 x 6	1.2 x 1	35/42	G2	2900 x 640 x 740	(10)	37.7	165
IIH56.9/632E	81.8	56.9	2 x 630	2 x 1900	28090	32	1.8 x 9	0.9 x 2	35/54	G2	2680 x 880 x 1130	(11)	47	230
IIH65.2/712E	93.1	65.2	2 x 710	2 x 2200	34030	35	2.4 x 9	1.2 x 2	35/54	G2	3030 x 880 x 1130	(12)	54.5	260
IIH69.3/712E	99.2	69.3	2 x 710	2 x 2200	34030	35	1.8 x 11	0.9 x 2	35/54	G2	2680 x 880 x 1130	(11)	62.6	280
IIH80.2/712E	108.6	80.2	2 x 710	2 x 3000	37500	35	2.4 x 11	1.2 x 2	42/64	G2	3030 x 880 x 1130	(12)	70.5	326
IIH100.1/633E	143.9	100.1	3 x 630	3 x 1900	42090	32	2.9 x 11	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1130	(13)	93.9	432
IIH110.2/713E	157.5	110.2	3 x 710	3 x 3000	49800	35	2.9 x 11	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1130	(13)	93.9	445
IIH121.4/803E	173.3	121.4	3 x 800	3 x 3000	52680	37	2.9 x 14	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1280	(13)	108.4	498

Industrial Refrigeration Air Cooler | Medium-temperature fin space 6mm

Model	Capacity, kW		Fan Data				Electric Defrost		Take-over Dimensions mm		External Dimensions B×T×H		Circuit Vol. dm³	Weight KG
	SC2	SC3	Fan motor N x mm	Fan power W	Air flow m³/h	Range m	Defrosting power of fins kW	Defrosting power of pan kW	Inlet/outlet	Drain pipe	Length x width x height mm	Drawing No		
IIM17.6/404E	23.5	17.6	4 x 400	4 x 205	11340	15	1.8 x 5	0.9 x 1	28/42	G1	2520 x 525 x 570	(6)	25.2	106
IIM14.1/502E	18.2	14.1	2 x 500	2 x 750	14450	28	1.4 x 6	0.7 x 1	22/35	G1	2000 x 640 x 740	(9)	16.3	88
IIM16.6/502E	21.5	16.6	2 x 500	2 x 750	14100	27	1.4 x 6	0.7 x 1	28/35	G1	2000 x 640 x 740	(9)	20.3	100
IIM18.8/502E	24.3	18.8	2 x 500	2 x 750	13870	27	1.4 x 6	0.7 x 1	28/35	G1	2000 x 640 x 740	(9)	24.4	112
IIM22.3/502E	28.9	22.3	2 x 500	2 x 750	13320	26	1.4 x 6	0.7 x 1	28/42	G2	2000 x 640 x 740	(9)	32.5	126
IIM25.2/503E	32.7	25.2	3 x 500	3 x 750	21330	28	2.4 x 6	1.2 x 1	28/42	G2	2900 x 640 x 740	(10)	31.4	145
IIM28.6/503E	37.1	28.6	3 x 500	3 x 750	20970	26	2.4 x 6	1.2 x 1	35/42	G2	2900 x 640 x 740	(10)	37.7	165
IIM35.9/632E	51.5	35.9	2 x 630	2 x 1900	28090	32	1.8 x 9	0.9 x 2	35/54	G2	2680 x 880 x 1130	(11)	47	230
IIM41.1/712E	56.2	41.2	2 x 710	2 x 2200	34030	35	2.4 x 9	1.2 x 2	35/54	G2	3030 x 880 x 1130	(12)	54.5	260
IIM43.1/712E	62.5	43.1	2 x 710	2 x 2200	34030	35	2.4 x 9	1.2 x 2	35/54	G2	2680 x 880 x 1130	(11)	62.6	280
IIM50.8/712E	69.1	50.8	2 x 710	2 x 3000	38900	35	2.4 x 11	1.2 x 2	42/64	G2	3030 x 880 x 1130	(12)	70.5	326
IIM65.5/633E	92.8	65.5	3 x 630	3 x 1900	44900	32	2.9 x 11	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1130	(13)	93.9	432
IIM72.1/713E	100.9	72.1	3 x 710	3 x 3000	51700	35	2.9 x 11	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1130	(13)	93.9	445
IIM80.6/803E	112.8	80.6	3 x 800	3 x 3000	55980	37	2.9 x 14	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1280	(13)	108.4	498

Air Cooler
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Industrial Refrigeration Air Cooler | Low-temperature fin space 8mm

Model	Capacity, kW		Fan Data				Electric Defrost		Take-over Dimensions mm		External Dimensions B×T×H		Circuit Vol. dm³	Weight KG
	SC3	SC4	Fan motor N x mm	Fan power W	Air flow m³/h	Range m	Defrosting power of fins kW	Defrosting power of pan kW	Inlet/outlet	Drain pipe	Length x width x height mm	Drawing No		
IIL13.1/404E	16.1	13.1	4 x 400	4 x 205	12010	15	1.8 x 5	0.9 x 1	28/42	G1	2520 x 525 x 570	(6)	25.2	106
IIL10.1/502E	12.5	10.1	2 x 500	2 x 750	12260	27	1.4 x 6	0.7 x 1	22/35	G1	2000 x 640 x 740	(9)	14.0	88
IIL12/502E	14.9	12	2 x 500	2 x 750	14100	27	1.4 x 6	0.9 x 1	28/35	G1	2000 x 640 x 740	(9)	20.3	100
IIL13.7/502E	17.0	13.7	2 x 500	2 x 750	13870	27	1.4 x 6	0.7 x 1	28/35	G1	2000 x 640 x 740	(9)	24.4	112
IIL16.7/502E	20.6	16.7	2 x 500	2 x 750	13320	26	1.4 x 6	0.7 x 1	28/42	G2	2000 x 640 x 740	(9)	32.5	126
IIL18.2/503E	22.6	18.2	3 x 500	3 x 750	21330	28	2.4 x 6	1.2 x 1	28/42	G2	2900 x 640 x 740	(10)	31.4	145
IIL20.9/503E	25.9	20.9	3 x 500	3 x 750	20970	26	2.4 x 6	1.2 x 1	35/42	G2	2900 x 640 x 740	(10)	37.7	165
IIL26.4/632E	33.3	26.4	2 x 630	2 x 2200	35520	32	1.8 x 9	0.9 x 2	35/54	G2	2680 x 880 x 1130	(11)	47	230
IIL31.7/712E	39.1	31.7	2 x 710	2 x 2200	34030	35	2.4 x 9	1.2 x 2	35/54	G2	3030 x 880 x 1130	(12)	54.5	260
IIL34.2/712E	43.6	34.2	2 x 710	2 x 2200	34030	35	2.4 x 9	1.2 x 2	35/54	G2	2680 x 880 x 1130	(11)	62.6	280
IIL44.2/712E	53.8	44.2	2 x 710	2 x 3000	40400	35	2.4 x 11	1.2 x 2	42/64	G2	3030 x 880 x 1130	(12)	70.5	326
IIL48.6/633E	61.2	48.6	3 x 630	3 x 1900	46800	32	2.9 x 11	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1130	(13)	93.9	432
IIL55.4/713E	69.8	55.4	3 x 710	3 x 3000	54200	35	2.9 x 11	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1130	(13)	93.9	445
IIL63/803E	77.5	63	3 x 800	3 x 3000	57880	37	2.9 x 14	0.9 x 2	2-35/2-54	G2	3780 x 880 x 1280	(13)	108.4	498

*SC1 condition: Evap: 0℃, TD: 10K, Air inlet: 10℃, SH: 6.5K, RH: 85%
*SC2 condition: Evap: -8℃, TD: 8K, Air inlet: 0℃, SH: 5.2K, RH: 85%
*SC3 condition: Evap: -25℃, TD: 7K, Air inlet: -18℃, SH: 4.6K, RH: 95%
*SC4 condition: Evap: -31℃, TD: 6K, Air inlet: -25℃, SH: 3.9K, RH: 95%

Dimensions

