

Air Cooler

Dual Discharge Unit Cooler



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The IMH、IMM series dual discharge unit coolers are suitable for food processing workshop. The compact design allows for increased utilization of the cold storage.

Using 12.7 internal threaded copper tube fork row arrangement, sine-wave pattern aluminum alloy fins, suitable for most Freon refrigerants on the market.

Dual discharge unit coolers using aluminum-magnesium alloy, light weight and has a certain corrosion resistance. Wide range of applications and ease to installation.

Dual Discharge Unit 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		
IMH3.3/301E	4.8	3.3	1 x 300	1 x 85	1510	2 x 3	0.35 x 2	0.15 x 2	12/16	2 x G1	880 x 780 x 270	①	3.6	28
IMH6.3/302E	9	6.3	2 x 300	2 x 85	2870	2 x 4	0.6 x 2	0.3 x 2	12/22	2 x G1	1280 x 780 x 270	②	6.2	42
IMH9.1/303E	13.1	9.1	3 x 300	3 x 85	4190	2 x 4	0.8 x 2	0.4 x 2	12/28	2 x G1	1680 x 780 x 270	③	8.9	56
IMH12.3/402E	17.7	12.3	2 x 400	2 x 205	6420	2 x 7	0.9 x 4	0.45 x 2	16/35	2 x G1	1420 x 1140 x 390	④	9.6	102
IMH14.6/402E	21	14.6	2 x 400	2 x 205	5920	2 x 6	0.9 x 4	0.45 x 2	16/35	2 x G1	1420 x 1140 x 390	④	14.5	112
IMH17.4/403E	25.3	17.4	3 x 400	3 x 205	9630	2 x 7	1.35 x 4	0.7 x 2	22/42	2 x G1	1970 x 1140 x 390	⑤	14.5	135
IMH22.1/403E	31.6	22.1	3 x 400	3 x 205	8880	2 x 6	1.35 x 4	0.7 x 2	22/42	2 x G1	1970 x 1140 x 390	⑤	21.7	150
IMH24.7/404E	35.6	24.7	4 x 400	4 x 205	12840	2 x 8	1.8 x 4	0.9 x 2	28/42	2 x G1	2520 x 1140 x 390	⑥	19.3	168
IMH29.5/404E	42.3	29.5	4 x 400	4 x 205	11840	2 x 7	1.8 x 4	0.9 x 2	28/42	2 x G1	2520 x 1140 x 390	⑥	28.9	188

Dual Discharge Unit 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		
IMM2.1/301E	2.9	2.1	1 x 300	1 x 85	1600	2 x 3	0.35 x 2	0.15 x 2	12/16	2 x G1	880 x 780 x 270	①	3.6	28
IMM4.0/302E	5.6	4	2 x 300	2 x 85	3210	2 x 4	0.6 x 2	0.3 x 2	12/22	2 x G1	1280 x 780 x 270	②	6.2	42
IMM5.9/303E	8.1	5.9	3 x 300	3 x 85	4630	2 x 4	0.8 x 2	0.4 x 2	12/28	2 x G1	1680 x 780 x 270	③	8.9	56
IMM7.6/402E	10.2	7.6	2 x 400	2 x 205	6930	2 x 7	0.9 x 4	0.45 x 2	16/35	2 x G1	1420 x 1140 x 390	④	9.6	102
IMM9.1/402E	12.9	9.1	2 x 400	2 x 205	6550	2 x 6	0.9 x 4	0.45 x 2	16/35	2 x G1	1420 x 1140 x 390	④	14.5	112
IMM10.3/403E	14.7	10.3	3 x 400	3 x 205	10390	2 x 7	1.35 x 4	0.7 x 2	22/42	2 x G1	1970 x 1140 x 390	⑤	14.5	135
IMM13.7/403E	19.4	13.7	3 x 400	3 x 205	9825	2 x 6	1.35 x 4	0.7 x 2	22/42	2 x G1	1970 x 1140 x 390	⑤	21.7	150
IMM15.2/404E	20.4	15.2	4 x 400	4 x 205	13860	2 x 8	1.8 x 4	0.9 x 2	28/42	2 x G1	2520 x 1140 x 390	⑥	19.3	168
IMM18.3/404E	25.9	18.3	4 x 400	4 x 205	13100	2 x 7	1.8 x 4	0.9 x 2	28/42	2 x G1	2520 x 1140 x 390	⑥	28.9	188

*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%

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Dimensions

