

ID 系列高性能冷风机

ID Series High Efficient Air Cooler



应用 Application

ID 系列高性能冷风机能满足绝大多数冷库的设计要求；制冷量最高可达 116 kW，可应对低温、中低温、中高温三种不同工况

The ID series air cooled evaporators are designed for a variety of applications. Its wide range of applicable temperature and cooling capacity enable it to meet any requirements.

规格及特点 Specifications & Features

名义制冷量: 1.2 kW 至 116.0 kW
Nominal capacity : From 1.2 kW to 116 kW

换热面积: 7 至 580 平方米
Heat exchange area: 7 - 580 m²

风扇直径: 300 至 700mm, 保护等级 IP42, 绝缘等级 B
Fan diameter: from 300mm to 700mm, IP 42 protection grade, Class B insulation

技术参数 Technical Data

中高温 High temperature +5 to -5 °C: 翅片间距 Fin space 4.5mm

型号 Model	制冷量 Cooling Capacity* kW	换热面积 Area m ²	管内容积 Refrigerant Volume L	接口 Conn. 进口 - 出口 Inlet - Outlet mm	风量 Air Flow m ³ /h	风页直径 Diameter mm	总功率 Total Power W	送风距离 Range m	电除霜 El. Defrosting 翅片 Fin W	集水盘 Drain Tray W
IDH-2/10	2.0	10	1.4	12 - 14	1566	1 x 300	75	8	500	500
IDH-3/15	3.0	15	1.8	12 - 14	3126	2 x 300	150	8	900	900
IDH-4.3/20	4.3	20	2.7	12 - 16	3126	2 x 300	150	8	900	900
IDH-5.3/25	5.3	25	3.5	12 - 16	4689	3 x 300	225	8	1200	1200
IDH-8.4/40	8.4	40	5.8	16 - 25	6800	2 x 400	360	10	1300	1300
IDH-12/55	11.6	55	7.6	16 - 25	6800	2 x 400	360	10	1500	1500
IDH-17/80	16.8	80	10.1	19 - 32	12000	2 x 500	1100	15	2400	1200
IDH-23/105	23.2	105	13.5	19 - 32	12000	2 x 500	1100	15	3600	1200
IDH-28/125	27.6	125	17.3	19 - 38	18000	3 x 500	1650	15	4800	1600
IDH-35/160	34.6	160	19.6	19 - 38	18000	3 x 500	1650	15	5100	1700
IDH-40/185	40.3	185	22.7	25 - 42	24000	4 x 500	2200	15	6000	2000
IDH-46/210	46.1	210	25.8	25 - 42	24000	4 x 500	2200	15	6600	2200
IDH-52/260	52.0	260	32.2	25 - 50	24000	4 x 500	2200	15	6600	2200
IDH-66/330	66.0	330	41.9	25 - 50	32000	4 x 550	2200	15	11000	2200
IDH-82/410	82.0	410	51.6	25 - 50	36000	4 x 600	3000	17	11000	2200
IDH-94/470	94.0	470	62.2	25 - 54	36000	3 x 700	4500	17	16000	2000
IDH-116/580	116.0	580	72.8	28 - 54	36000	3 x 700	4500	17	17600	2000

*制冷量基于室温 0 °C The cooling capacity at room temperature 0 °C for IDH series

型号命名 Nomenclature

ID	H	-	4.3	/	20
			4.3		20
					换热面积 Heat exchange area, m ²
					名义制冷量 cooling capacity, kW
	H				H: 中高温 high temp. M: 中温 medium temp. L: 低温 low temp.
	ID				系列代码 Code of series

高效纯铜管换热器，亲水铝片具有更佳的耐腐蚀性
High efficiency copper tube coils and hydrophilic-coated aluminum fins for corrosion resistance

经过优化的冷凝水集水盘，有效防止冷凝水结冰
Optimized drain tray

低温和中低温机型可配电除霜加热线
Medium and low temperature units available with flexible defrosting heater

可选配喷气罩以增加送风距离
Air nozzle optional to reinforce air flow

中温 Medium temperature -10 to -20 °C: 翅片间距 Fin space 6.0mm

型号 Model	制冷量 Cooling Capacity* kW	换热面积 Area m ²	管内容积 Refrigerant Volume L	接口 Conn. 进口 - 出口 Inlet - Outlet mm	风量 Air Flow m ³ /h	风页直径 Diameter mm	总功率 Total Power W	送风距离 Range m	电除霜 El. Defrosting 翅片 Fin W	集水盘 Drain Tray W
IDM-1.2/7	1.2	7	1.4	12 - 14	1563	1 x 300	75	8	1000	500
IDM-2.1/12	2.1	12	1.8	12 - 14	3126	2 x 300	150	8	900	900
IDM-2.6/15	2.6	15	2.7	12 - 16	3126	2 x 300	150	8	1800	900
IDM-3.9/22	3.9	22	3.5	12 - 16	4689	3 x 300	225	8	2400	1200
IDM-5.3/30	5.3	30	5.8	16 - 25	6800	2 x 400	360	10	2000	1000
IDM-7.0/40	7.0	40	7.6	16 - 25	6800	2 x 400	360	10	2400	1200
IDM-11/60	10.5	60	10.1	19 - 32	12000	2 x 500	1100	15	4200	1400
IDM-14/80	14.0	80	13.5	19 - 32	12000	2 x 500	1100	15	7000	1400
IDM-18/100	17.5	100	17.3	19 - 38	18000	3 x 500	1650	15	8000	1600
IDM-21/120	21.0	120	19.6	19 - 38	18000	3 x 500	1650	15	8500	1700
IDM-25/140	24.5	140	22.7	25 - 42	24000	4 x 500	2200	15	10000	2000
IDM-28/160	28.0	160	25.8	25 - 42	24000	4 x 500	2200	15	11000	2200
IDM-35/200	35.0	200	32.2	25 - 50	24000	4 x 500	2200	15	11000	2200
IDM-44/250	43.8	250	41.9	25 - 50	32000	4 x 550	2200	15	17600	2200
IDM-54/310	54.3	310	51.6	25 - 50	36000	4 x 600	3000	17	17600	2200
IDM-63/360	63.0	360	62.2	25 - 54	36000	3 x 700	4500	17	20000	2000
IDM-77/440	77.0	440	72.8	28 - 54	36000	3 x 700	4500	17	22000	2200

*制冷量基于室温 -18 °C The cooling capacity at room temperature -18 °C for IDM series

低温 Low temperature below -20 °C: 翅片间距 Fin space 9.0mm

型号 Model	制冷量 Cooling Capacity* kW	换热面积 Area m ²	管内容积 Refrigerant Volume L	接口 Conn. 进口 - 出口 Inlet - Outlet mm	风量 Air Flow m ³ /h	风页直径 Diameter mm	总功率 Total Power W	送风距离 Range m	电除霜 El. Defrosting 翅片 Fin W	集水盘 Drain Tray W
IDL-1.2/8	1.2	8	1.8	12 - 14	3126	2 x 300	150	8	900	900
IDL-1.9/12	1.9	12	2.7	12 - 16	3126	2 x 300	150	8	1800	900
IDL-2.3/15	2.3	15	3.5	12 - 16	4689	3 x 300	225	8	2400	1200
IDL-3.1/20	3.1	20	5.8	16 - 25	6800	2 x 400	360	10	2600	1300
IDL-4.7/30	4.7	30	7.6	16 - 25	6800	2 x 400	360	10	3000	1500
IDL-6.2/40	6.2	40	10.1	19 - 32	12000	2 x 500	1100	15	3600	1200
IDL-8.5/55	8.5	55	13.5	19 - 32	12000	2 x 500	1100	15	6000	1200
IDL-11/70	10.9	70	17.3	19 - 38	18000	3 x 500	1650	15	8000	1600
IDL-13/85	13.2	85	19.6	19 - 38	18000	3 x 500	1650	15	8500	1700
IDL-16/100	15.5	100	22.7	25 - 42	24000	4 x 500	2200	15	10000	2000
IDL-18/115	17.8	115	25.8	25 - 42	24000	4 x 500	2200	15	11000	2200
IDL-22/140	21.7	140	32.2	25 - 50	24000	4 x 500	2200	15	11000	2200
IDL-26/170	26.4	170	41.9	25 - 50	32000	4 x 550	2200	15	17600	2200
IDL-33/210	32.6	210	51.6	25 - 50	36000	4 x 600	3000	17	17600	2200
IDL-39/250	38.8	250	62.2	25 - 54	36000	3 x 700	4500	17	20000	2000
IDL-47/300	46.5	300	72.8	28 - 54	36000	3 x 700	4500	17	22000	2200

*制冷量基于室温 -25 °C The cooling capacity at room temperature -25 °C for IDL series

包装 Packaging

艾思吉产品采用定制化的木箱包装，更能有效保证产品的安全、防止在长途运输中损坏

ICEAGE units are supplied with wooden packing box. The use of these custom boxes keeping the units safe and secure from damage, and ideal for long way transport



外形尺寸 Dimensions

型号 Model		风页直径 Fan Diameter mm	L mm	B mm	H mm	D mm	E mm	E1 mm	E2 mm
IDH-2/10	⊗	300	730	420	475	340	510	-	-
IDM-1.2/7	⊗	300							
IDH-3/15	⊗⊗	300	1280	420	475	340	1060	-	-
IDM-2.1/12	⊗⊗	300							
IDL-1.2/8	⊗⊗	300							
IDH-4.3/20	⊗⊗	300							
IDM-2.6/15	⊗⊗	300							
IDL-1.9/12	⊗⊗	300							
IDH-5.3/25	⊗⊗⊗	300	1580	420	475	340	1360	-	-
IDM-3.9/22	⊗⊗⊗	300							
IDL-2.3/15	⊗⊗⊗	300							
IDH-8.4/40	⊗⊗	400	1380	490	600	380	1110	-	-
IDM-5.3/30	⊗⊗	400							
IDL-3.1/20	⊗⊗	400							
IDH-12/55	⊗⊗	400	1750	490	600	380	1480	-	-
IDM-7.0/40	⊗⊗	400							
IDL-4.7/30	⊗⊗	400							
IDH-17/80	⊗⊗	500	1920	580	680	510	1650	840	-
IDM-11/60	⊗⊗	500							
IDL-6.2/40	⊗⊗	500							
IDH-23/105	⊗⊗	500							
IDM-14/80	⊗⊗	500							
IDL-8.5/55	⊗⊗	500							
IDH-28/125	⊗⊗⊗	500	2420	580	680	510	2150	740	700
IDM-18/100	⊗⊗⊗	500							
IDL-11/70	⊗⊗⊗	500							
IDH-35/160	⊗⊗⊗	500	2720	580	680	510	2450	840	800
IDM-21/120	⊗⊗⊗	500							
IDL-13/85	⊗⊗⊗	500							
IDH-40/185	⊗⊗⊗⊗	500	3120	580	680	510	2850	740	700
IDM-25/140	⊗⊗⊗⊗	500							
IDL-16/100	⊗⊗⊗⊗	500							
IDH-46/210	⊗⊗⊗⊗	500	3520	580	680	510	3250	840	800
IDM-28/160	⊗⊗⊗⊗	500							
IDL-18/115	⊗⊗⊗⊗	500							
IDH-52/260	⊗⊗⊗⊗	500	3520	680	680	580	3250	840	800
IDM-35/200	⊗⊗⊗⊗	500							
IDL-22/140	⊗⊗⊗⊗	500							
IDH-66/330	⊗⊗⊗⊗	550	3520	680	740	580	3250	840	800
IDM-44/250	⊗⊗⊗⊗	550							
IDL-26/170	⊗⊗⊗⊗	550							
IDH-82/410	⊗⊗⊗⊗	600	3520	940	910	630	3250	840	800
IDM-54/310	⊗⊗⊗⊗	600							
IDL-33/210	⊗⊗⊗⊗	600							
IDH-94/470	⊗⊗⊗	700	3020	1040	960	720	2750	940	900
IDM-63/360	⊗⊗⊗	700							
IDL-39/250	⊗⊗⊗	700							
IDH-116/580	⊗⊗⊗	700	3320	1050	1010	720	3050	1040	1000
IDM-77/440	⊗⊗⊗	700							
IDL-47/300	⊗⊗⊗	700							

