

Air Cooler
IZ Series



Overall shell with multi-folded design makes high strength and less vibration.

Electrical heater defrost with heaters inside the coil and drain tray.

Air-cooled high efficiency coils, built in copper tubes and aluminum fins, with 4.5mm / 6mm / 9mm fin spacing.

Hot gas defrosting is available.

Low-noise and high-flow axial motor fans.

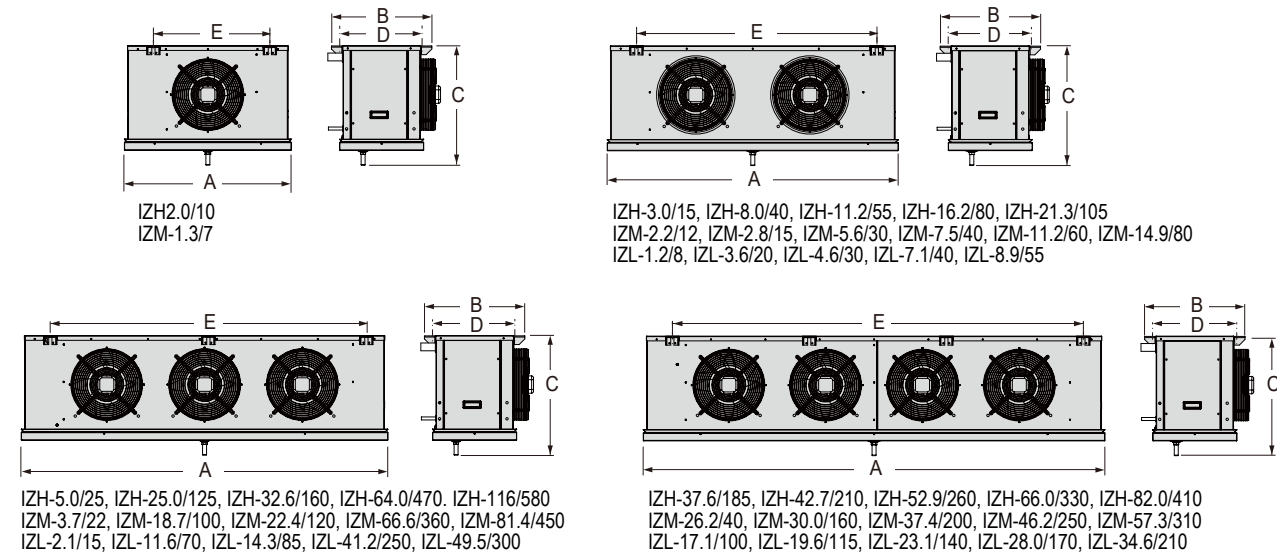
Two sides openable cabinet door allows for easy maintenance.

Specially designed drain tray for quick and rust free defrost drainage.

Dimensions

Model	Overall size mm			Installation size mm	
	A	B	C	D	E
IZH-2.0/10, IZM-1.3/7	765	430	480	355	540
IZH-3.0/15, IZM-2.2/12	1165	430	480	355	940
IZM-2.8/15, IZL-1.2/8					
IZH-5.0/25, IZM-3.7/22, IZL-2.1/15	1610	430	480	355	1385
IZH-8.0/40, IZM-5.6/30, IZL-3.6/20	1590	530	560	445	1255
IZH-11.2/55, IZM-7.5/40, IZL-3.6/30	1590	530	560	445	1255
IZH-16.2/80, IZM-11.2/60, IZL-7.1/40	1890	590	660	505	1555
IZH-21.3/105, IZM-14.9/80, IZL-8.9/55	1890	590	660	505	1555
IZH-25/125, IZM-18.7/100, IZL-11.6/70	2370	590	660	505	2035

Model	Overall size mm			Installation size mm	
	A	B	C	D	E
IZH-30/160, IZM-22.4/120, IZL-14.3/85	2790	590	660	505	2455
IZH-37.6/185, IZM-26.2/140, IZL-17.1/100	3190	590	660	505	2855
IZH-42.7/210, IZM-30/160, IZL-19.6/115	3590	710	660	505	3255
IZH-52.9/260, IZM-37.4/200, IZL-23.1/140	3190	710	760	625	2855
IZH-66/330, IZM-46.2/250, IZL-28/170	3390	710	760	625	3055
IZH-82/410, IZM-57.3/310, IZL-34.6/210	3590	710	860	625	3255
IZH-94/470, IZM-66.6/360, IZL-41.2/250	3090	810	960	755	2755
IZH-116/580, IZM-81.4/450, IZL-49.5/300	3390	860	960	805	3055



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IZ Series Air Cooler | Fin Space 4.5mm

Model	Capacity, kW Storage temp. -8°C Δt=10°C	Surface m²	Air flow m³/h	Fan dia. mm	Volt. V/ph/Hz	Fan Power W	Electric Defrost Coil kW	Electric Defrost Drain tray kW	Circuit Vol. dm³	Inlet mm	Outlet mm
IZH-2.0/10	2.0	10	1 x 3100	350	380/3/50	1 x 190	1 x 0.5	1 x 0.5	1.77	12	16
IZH-3.0/15	3.0	15	2 x 3100	350	380/3/50	2 x 190	1 x 0.9	1 x 0.9	3.04	12	16
IZH-5.0/25	5.0	25	3 x 3100	350	380/3/50	3 x 190	1 x 1.2	1 x 1.2	4.46	12	16
IZH-8.0/40	8.0	40	2 x 4000	400	380/3/50	2 x 227	2 x 1.3	1 x 1.3	5.95	16	25
IZH-11.2/55	11.2	55	2 x 4000	400	380/3/50	2 x 227	2 x 1.3	1 x 1.3	7.93	16	25
IZH-16.2/80	16.2	80	2 x 6500	500	380/3/50	2 x 448	2 x 1.5	1 x 1.3	11.74	19	38
IZH-21.3/105	21.3	105	2 x 6500	500	380/3/50	2 x 448	2 x 1.5	1 x 1.5	14.67	19	38
IZH-25.0/125	25.0	125	3 x 6500	500	380/3/50	3 x 448	2 x 1.9	1 x 1.9	19.10	19	38
IZH-32.6/160	32.6	160	3 x 6500	500	380/3/50	3 x 448	2 x 2.4	1 x 2.4	22.98	19	38
IZH-37.6/185	37.6	185	4 x 6500	500	380/3/50	4 x 448	2 x 2.6	1 x 2.6	26.68	25	50
IZH-42.7/210	42.7	210	4 x 6500	500	380/3/50	4 x 448	2 x 2.8	1 x 2.8	30.37	25	50
IZH-53/260	52.9	260	4 x 8500	550	380/3/50	4 x 670	3 x 2.6	1 x 2.6	37.35	25	50
IZH-66/330	66.0	330	4 x 8500	550	380/3/50	4 x 670	4 x 2.6	1 x 2.6	46.59	25	50
IZH-82/410	82.0	410	4 x 12000	600	380/3/50	4 x 820	4 x 2.8	1 x 2.8	56.70	25	50
IZH-94/470	94.0	470	3 x 16200	710	380/3/50	3 x 1862	5 x 2.4	1 x 2.4	69.54	28	50
IZH-116/580	116.0	580	3 x 16200	710	380/3/50	3 x 1862	5 x 2.6	1 x 2.6	85.57	28	50

IZ Series Air Cooler | Fin Space 6.0mm

Model	Capacity, kW Storage temp. -18°C Δt=10°C	Surface m²	Air flow m³/h	Fan dia. mm	Volt. V/ph/Hz	Fan Power W	Electric Defrost Coil kW	Electric Defrost Drain tray kW	Circuit Vol. dm³	Inlet mm	Outlet mm
IZM-1.3/7	1.3	7	1 x 3100	350	380/3/50	1 x 190	2 x 0.5	1 x 0.5	1.77	12	16
IZM-2.2/12	2.2	12	2 x 3100	350	380/3/50	2 x 190	2 x 0.9	1 x 0.9	3.04	12	16
IZM-2.8/15	2.8	15	2 x 3100	350	380/3/50	2 x 190	2 x 0.9	1 x 0.9	3.04	12	16
IZM-3.7/22	3.7	22	3 x 3100	350	380/3/50	3 x 190	2 x 1.2	1 x 1.2	4.46	12	16
IZM-5.6/30	5.6	30	2 x 4000	400	380/3/50	2 x 227	2 x 1.5	1 x 1.5	5.95	16	25
IZM-7.5/40	7.5	40	2 x 4000	400	380/3/50	2 x 227	2 x 1.5	1 x 1.5	7.93	16	25
IZM-11.2/60	11.2	60	2 x 6500	500	380/3/50	2 x 448	5 x 1.3	1 x 1.3	11.74	19	38
IZM-14.9/80	14.9	80	2 x 6500	500	380/3/50	2 x 448	5 x 1.5	1 x 1.5	14.67	19	38
IZM-18.7/100	18.7	100	3 x 6500	500	380/3/50	3 x 448	5 x 1.9	1 x 1.9	19.10	19	38
IZM-22.4/120	22.4	120	3 x 6500	500	380/3/50	3 x 448	5 x 2.4	1 x 2.4	22.98	19	38
IZM-26.2/140	26.2	140	4 x 6500	500	380/3/50	4 x 448	5 x 2.6	1 x 2.6	26.68	25	50
IZM-30.0/160	30.0	160	4 x 6500	500	380/3/50	4 x 448	5 x 2.8	1 x 2.8	30.37	25	50
IZM-37.4/200	37.4	200	4 x 8500	550	380/3/50	4 x 670	6 x 2.6	1 x 2.6	37.35	25	50
IZM-46.2/250	46.2	250	4 x 8500	550	380/3/50	4 x 670	8 x 2.6	1 x 2.6	46.59	25	50
IZM-57.3/310	57.3	310	4 x 12000	600	380/3/50	4 x 820	8 x 2.8	1 x 2.8	56.70	25	50
IZM-66.6/360	66.6	360	3 x 16200	710	380/3/50	3 x 1862	11 x 2.4	1 x 2.4	69.54	28	50
IZM-81.4/450	81.4	450	3 x 16200	710	380/3/50	3 x 1862	11 x 2.6	1 x 2.6	85.57	28	50

IZ Series Air Cooler | Fin Space 9.0mm

Model	Capacity, kW Storage temp. -25°C Δt=10°C	Surface m²	Air flow m³/h	Fan dia. mm	Volt. V/ph/Hz	Fan Power W	Electric Defrost Coil kW	Electric Defrost Drain tray kW	Circuit Vol. dm³	Inlet mm	Outlet mm
IZL-1.2/8	1.2	8	2 x 3100	350	380/3/50	2 x 190	2 x 0.9	1 x 0.9	3.04	12	16
IZL-2.1/15	2.1	15	3 x 3100	350	380/3/50	3 x 190	2 x 1.2	1 x 1.2	4.46	12	16
IZL-3.6/20	3.6	20	2 x 4000	400	380/3/50	2 x 240	2 x 1.5	1 x 1.5	5.95	16	25
IZL-4.6/30	4.6	30	2 x 4000	400	380/3/50	2 x 240	2 x 1.5	1 x 1.5	7.93	16	25
IZL-7.1/40	7.1	40	2 x 6500	500	380/3/50	2 x 448	5 x 1.3	1 x 1.3	11.74	19	38
IZL-8.9/55	8.9	55	2 x 6500	500	380/3/50	2 x 448	5 x 1.5	1 x 1.5	14.67	19	38
IZL-11.6/70	11.6	70	3 x 6500	500	380/3/50	3 x 448	5 x 1.9	1 x 1.9	19.10	19	38
IZL-14.3/85	14.3	85	3 x 6500	500	380/3/50	3 x 448	5 x 2.4	1 x 2.4	22.98	19	38
IZL-17.1/100	17.1	100	4 x 6500	500	380/3/50	4 x 448	5 x 2.6	1 x 2.6	26.68	25	50
IZL-19.6/115	19.6	115	4 x 6500	500	380/3/50	4 x 448	5 x 2.8	1 x 2.8	30.37	25	50
IZL-23.1/140	23.1	140	4 x 8500	550	380/3/50	4 x 670	6 x 2.6	1 x 2.6	37.35	25	50
IZL-28.0/170	28.0	170	4 x 8500	550	380/3/50	4 x 670	8 x 2.6	1 x 2.6	46.59	25	50
IZL-34.6/210	34.6	210	4 x 12000	600	380/3/50	4 x 820	8 x 2.8	1 x 2.8	56.70	25	50
IZL-41.2/250	41.2	250	3 x 16200	710	380/3/50	3 x 1862	11 x 2.4	1 x 2.4	69.54	28	50
IZL-49.2/300	49.6	300	3 x 16200	710	380/3/50	3 x 1862	11 x 2.6	1 x 2.4	85.57	28	50