

CHILLED WATER FAN COIL UNITS CASSETTE TYPES



IZLC Series

Cassette Type Hydronic Fan Coil - For Standard Conditions



AVAILABLE SIZES

2,400 - 13,190 Wtt (Cooling)	<u>2-Pipe System</u>
3,450 - 13,190 Wtt (Heating)	
2,020 - 11,430 Wtt (Cooling)	<u>4-Pipe System</u>
3,450 - 13,620 Wtt (Heating)	

Izumi direct expansion cassette indoor units have been quite recognized and popular for their attractive and elegant designs, high quality and performance. In response to the demand for the hydronic or water versions of the cassettes, Izumi has also made these available in a wide capacity range which includes the mini water cassettes, 60 x 60 cm. from 2.40 Kw to 5.33 Kw with 2 pipes and from 2.02 Kw to 4.01 Kw with 4 pipes. It's also available for large cassette 90 x 90 cm. from 5.70 Kw to 13.19 Kw with 2 pipes and 4.72 to 11.43 Kw with 4 pipes.

These water cassettes are easy for installation, service and maintenance. They can save a lot of precious room space as they are installed in the ceiling with the cooled or hot air being discharged into the room in four directions from the unit. All the units come complete with the wireless controls, which can be used for either chilled or hot water depending on the application. Master slave control for up to 64 units is also available as an option.

These water cassettes are fitted with female plumbing connectors with built-in vent valves facilitating the installation and commissioning of the system.

TECHNICAL SPECIFICATION

Pipe Arrangement		2 Pipe									
Model	INDOOR UNIT	IZLC 10MPVC/HCW	IZLC 13MPVC/HCW	IZLC 18MPVC/HCW	IZLC 24MPVC/HCW	IZLC 26MPVC/HCW	IZLC 32MPVC/HCW	IZLC 36MPVC/HCW	IZLC 48MPVC/HCW	IZLC 50MPVC/HCW	
Chilled water cooling (A)	Total Capacity (Watts)	2400	2690	4490	5330	5700	8800	9900	11100	13190	
	Sensible capacity (Watts)	2090	2910	3750	4560	4640	6340	7350	7870	9630	
	Water flow rate (l/hr)	412	593	772	914	977	1512	1698	1905	2251	
	Pressure drop (Kpa)	6.7	7.6	11.8	15.1	28.0	33.0	40.0	48.0	38.0	
Hot water heating (B)	Capacity (Watts)	3450	4760	5980	7120	6950	9950	11400	12190	15810	
	Capacity (Watts)	6030	8210	10220	12200	13060	17830	20130	21220	26500	
Hot water heating (C)	Capacity (Watts)	6030	8210	10220	12200	13060	17830	20130	21220	26500	
	Water flow rate (l/hr)	529	720	897	1069	1146	1539	1733	1844	2324	
	Pressure drop (Kpa)	8.2	8.3	11.5	15.3	32.0	28.0	32.0	36.0	36.0	
Inlet and Outlet Pipe connection	Type	Female Water Pipe Thread									
	Diameter Nominal (Inch)	3/4	3/4	3/4	3/4	1	1	1	1	1	
Drain Connection	Diameter (Outside) (mm.)	24	24	24	24	26	26	26	26	26	
Evaporator Coil	Face area (m ²)	0.295	0.295	0.295	0.295	0.52	0.52	0.52	0.52	0.52	
	Row	1	2	2	2	1	2	2	2	2.8	
	Fin Type/ Fin Pitch	Louver/ 1.20	Louver/ 1.81	Louver/ 1.20	Louver/ 1.20	Louver/ 1.41	Louver/ 1.81	Louver/ 1.81	Louver/ 1.41	Louver/ 1.41	
	Tube diameter (mm.)	ø7 Smooth					ø9.5 Smooth				
Fan	Type	Single inlet axial fan									
	Size Dia.x Length (mm)	ø 282 x 149					ø 462 x 173				
	No.	1									
Fan Motor	Type	Permanent Split Capacitor									
	Power supply (V/Ph/Hz)	220-240/1/50									
	Power input (W)	57	103	106	155	149	153	209	211	230	
	Running current (A)	0.2	0.4	0.5	0.7	0.67	0.69	0.92	0.93	1.04	
	RPM	Turbo	800	1050	1100	1350	700	710	830	840	840
		Hi	600	750	820	1100	530	540	700	710	700
		Me	500	600	650	950	450	460	560	580	570
Lo		400	500	530	750	380	390	460	480	480	
Nominal Air Flow rate	m ³ /hr	Turbo	655	815	830	1050	1400	1500	1700	1800	1760
		Hi	500	590	600	875	1100	1150	1300	1400	1370
		Me	380	450	460	770	920	970	1100	1200	1170
		Lo	300	355	360	570	780	830	900	980	960
Sound pressure level	dB (A) T/H/M/L	39/33/27/24	46/38/32/28	47/40/35/33	54/48/46/40	53/ 47/ 43/ 40	54/ 48/ 44/ 41	58/ 54/ 48/ 42	59/ 54/ 49/ 43	59/ 54/ 49/ 43	
Dimension	Front panel HxWxD (mm.)	4 0x 720 x 720					55 x 950 x 950				
	Housing HxWxD (mm.)	310 x 570 x 570					314 x 843 x 843				
Net Weight	Front panel (kg)	2.5					4.0				
	Housing (kg)	21	22	22	22	26.5	29.5	29.5	30	38.5	

TECHNICAL SPECIFICATION - 4PIPE SYSTEM

Pipe Arrangement t		4 Pipe									
Model	INDOOR UNIT	IZLC 10MRVH-CWB	IZLC 13MRVH-CWB	IZLC 18MRVH-CWB	IZLC 24MRVH-CWB	IZLCB 26MRVH-CW	IZLCB 32MRVH-CW	IZLCB 36MRVH-CW	IZLCB 48MRVH-CW	IZLCB 50MRVH-CW	
Chilled water cooling (A)	Total Capacity (Watts)	2020	3690	3430	4010	4720	6970	8290	9300	11430	
	Sensible capacity (Watts)	1810	2290	2910	3590	4260	5330	6410	7910	8750	
	Water flow rate (l/hr)	346	461	587	688	810	1196	1420	1596	1963	
	Pressure drop (Kpa)	7.5	8.5	12.0	15.5	8.0	32.0	40.0	50.0	54.0	
Hot water heating (B)	Capacity (Watts)	-	-	-	-	-	-	-	-	-	
Hot water heating (C)	Capacity (Watts)	1770	3690	4350	5310	4360	6520	7430	8390	13620	
	Water flow rate (l/hr)	155	324	382	465	403	590	670	740	1195	
	Pressure drop (Kpa)	9.4	12.9	16.0	21.1	27.0	20.0	25.0	30.0	18.5	
Inlet and Outlet Pipe connection	Type	Female Water Pipe Thread									
	Diameter Nominal (Inch)	3/4, 1/2	3/4, 1/2	3/4, 1/2	3/4, 1/2	1, 3/4	1, 3/4	1, 3/4	1, 3/4	1, 3/4	
Drain Connection	Diameter (Outside) (mm.)	24	24	24	24	26	26	26	26	26	
Evaporator Coil	Face area (m ²)	0.295	0.295	0.295	0.295	0.52	0.52	0.52	0.52	0.52	
	Row	1	2	2	2	1	2	2	2	2.8	
	Fin Type/ Fin Pitch	Louver/ 1.20	Louver/ 1.81	Louver/ 1.20	Louver/ 1.20	Louver/ 1.41	Louver/ 1.81	Louver/ 1.81	Louver/ 1.41	Louver/ 1.41	
	Tube diameter (mm.)	ø7 Smooth					Ø9.5 Smooth				
Fan	Type	Single inlet axial fan									
	Size Dia.x Length (mm)	ø 282 x 149					ø 462 x 173				
	No.	1									
Fan Motor	Type	Permanent Split Capacitor									
	Power supply (V/Ph/Hz)	220-240/1/50									
	Power input (W)	57	103	106	155	149	153	209	211	230	
	Running current (A)	0.2	0.4	0.5	0.7	0.67	0.69	0.92	0.93	1.04	
	RPM	Turbo	800	1050	1100	1350	700	710	830	840	840
		Hi	600	750	820	1100	530	540	700	710	700
		Me	500	600	650	950	450	460	560	580	570
Lo		400	500	530	750	380	390	460	480	480	
Nominal Air Flow rate	m ³ /hr	Turbo	655	815	830	1050	1400	1500	1700	1800	1780
		Hi	500	590	600	875	1100	1150	1300	1400	1370
		Me	380	450	460	770	920	970	1100	1200	1170
		Lo	300	355	360	570	780	830	900	980	980
Sound pressure level	dB (A) T/H/M/L	39/33/27/24	46/38/32/28	47/40/35/33	54/48/46/40	53/ 47/ 43/ 40	54/ 48/ 44/ 41	58/ 54/ 48/ 42	59/ 54/ 49/ 43	59/ 54/ 49/ 43	
Dimension	Front panel HxWxD (mm.)	4 0x 720 x 720					55 x 950 x 950				
	Housing HxWxD (mm.)	310 x 570 x 570					314 x 843 x 843				
Net Weight	Front panel (kg)	2.5					4.0				
	Housing (kg)	21	22	22	22	26.5	29.5	29.5	30	38.5	

NOTE:

A - Cooling : Inlet water temperature 7 °C ; Outlet water temperature 12 °C ; Inlet air temperature 27 °C DB, 19 °C WB

B - Heating : Inlet water temperature 50 °C ; same water flow as in cooling ; Inlet air temperature 20 °C DB

C - Heating : Inlet water temperature 70 °C ; Outlet water temperature 60 °C ; Inlet air temperature 20 °C DB

*** Pressure drops shown in the table are measured without valve.

*** Above capacity are rated at turbo fan speed.

PERFORMANCE DATA



**COOLING CAPACITY IN KW AT TURBO SPEED (2-Pipe)
5°C ENTERING WATER TEMPERATURE**

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MPVC/H-CWB	4	2.68	2.10	2.24	3.09	2.29	2.43	3.50	2.60	2.74	3.90	2.77	2.91	4.38	2.95	3.09	4.87	3.11	3.25
	5	2.29	1.85	1.98	2.75	2.07	2.20	3.18	2.40	2.53	3.59	2.58	2.72	4.09	2.76	2.90	4.58	2.94	3.08
	6	1.31	1.15	1.29	2.26	1.77	1.89	2.80	2.16	2.29	3.25	2.36	2.50	3.77	2.57	2.70	4.27	2.76	2.89
	7	1.15	1.13	1.15	1.08	0.96	1.06	1.26	1.12	1.22	2.40	1.90	2.02	3.07	2.18	2.31	3.93	2.55	2.68
	8	1.09	1.07	1.09	0.98	0.90	0.98	1.14	1.05	1.14	1.31	1.12	1.22	1.53	1.42	1.53	3.15	2.15	2.27
IZLC 13MPVC/H-CWB	4	3.77	2.91	3.09	4.33	3.15	3.34	4.87	3.58	3.76	5.40	3.80	3.99	6.05	4.03	4.22	6.70	4.25	4.44
	5	3.29	2.60	2.78	3.90	2.88	3.06	4.47	3.32	3.50	5.03	3.57	3.75	5.70	3.81	4.00	6.36	4.04	4.23
	6	1.77	1.46	1.59	3.32	2.53	2.70	4.00	3.02	3.20	4.60	3.30	3.48	5.30	3.57	3.75	5.99	3.82	4.00
	7	1.59	1.36	1.49	1.88	1.47	1.60	2.18	1.70	1.84	4.07	2.97	3.14	4.85	3.29	3.47	5.57	3.58	3.75
	8	1.43	1.27	1.39	1.72	1.37	1.50	2.00	1.61	1.74	2.29	2.04	2.20	2.65	2.15	2.31	4.62	3.06	3.23
IZLC 18MPVC/H-CWB	4	4.81	3.73	3.95	5.49	4.02	4.25	6.15	4.54	4.77	6.81	4.82	5.05	7.59	5.10	5.33	8.39	5.37	5.60
	5	4.31	3.40	3.62	5.03	3.73	3.95	5.72	4.26	4.48	6.40	4.56	4.78	7.20	4.85	5.08	8.01	5.14	5.37
	6	3.64	2.97	3.18	4.48	3.38	3.59	5.23	3.95	4.16	5.94	4.27	4.49	6.78	4.59	4.81	7.60	4.89	5.12
	7	2.33	1.95	2.29	3.65	2.87	3.08	4.62	3.56	3.77	5.41	3.94	4.15	6.30	4.30	4.51	7.16	4.63	4.84
	8	2.17	1.82	2.13	1.93	1.62	1.78	2.26	1.89	2.05	2.60	2.43	2.60	5.20	3.66	3.87	6.68	4.34	4.55
IZLC 24MPVC/H-CWB	4	5.69	4.52	4.80	6.50	4.87	5.15	7.28	5.50	5.78	8.06	5.84	6.12	9.00	6.18	6.46	9.94	6.51	6.79
	5	5.12	4.13	4.40	5.96	4.52	4.80	6.77	5.17	5.44	9.33	5.52	5.80	8.53	5.88	6.16	9.48	6.22	6.50
	6	4.42	3.67	3.93	5.35	4.12	4.39	6.21	4.80	5.06	7.03	5.18	5.45	8.02	5.56	5.83	8.99	5.92	6.19
	7	2.56	2.26	2.52	4.58	3.63	3.88	5.55	4.37	4.62	6.44	4.79	5.06	7.47	5.21	5.48	8.47	5.60	5.87
	8	2.42	2.12	2.38	2.05	1.76	1.83	2.41	2.15	2.34	5.06	3.99	4.24	6.27	4.51	4.76	7.34	4.93	5.19
IZLCB 26MPVC/H-CW	4	5.21	3.93	4.27	6.06	4.17	4.51	6.90	4.73	5.08	7.86	4.98	5.33	8.90	5.24	5.58	10.05	5.51	5.85
	5	4.75	3.75	4.10	5.63	4.01	4.35	6.49	4.58	4.92	7.33	4.79	5.13	8.20	4.99	5.33	9.20	5.21	5.56
	6	4.07	3.50	3.84	5.05	3.79	4.13	6.06	4.42	4.77	6.95	4.66	5.00	7.82	4.86	5.20	8.80	5.08	5.42
	7	3.06	3.06	3.06	4.21	3.48	3.83	5.38	4.18	4.52	6.39	4.46	4.80	7.40	4.71	5.05	8.41	4.94	5.29
	8	1.83	1.83	1.83	3.13	3.11	3.13	4.46	3.86	4.20	5.57	4.18	4.52	6.73	4.48	4.82	7.94	4.79	5.13
IZLCB 32MPVC/H-CW	4	8.13	5.51	5.92	9.30	5.87	6.28	10.58	6.65	7.06	11.63	6.91	7.32	13.04	7.29	7.70	14.43	7.64	8.05
	5	7.61	5.30	5.71	8.75	5.64	6.05	10.02	6.42	6.83	11.22	6.75	7.16	12.52	7.08	7.49	13.88	7.42	7.83
	6	6.97	5.04	5.45	8.22	5.42	5.83	9.50	6.21	6.62	10.82	6.59	7.00	12.07	6.90	7.31	13.46	7.25	7.66
	7	6.31	4.77	5.18	7.57	5.16	5.57	8.83	5.95	6.36	10.12	6.31	6.72	11.50	6.68	7.09	12.90	7.03	7.44
	8	5.57	4.47	4.88	7.05	4.95	5.36	8.33	5.75	6.16	9.61	6.11	6.52	10.89	6.45	6.86	12.34	6.82	7.23
IZLCB 36MPVC/H-CW	4	9.14	6.36	6.85	10.42	6.73	7.23	11.95	7.68	8.17	13.23	8.00	8.49	14.67	8.36	8.85	16.44	8.81	9.30
	5	8.51	6.10	6.59	9.82	6.48	6.98	11.36	7.44	7.93	12.62	7.76	8.25	14.12	8.14	8.63	15.73	8.53	9.03
	6	7.89	5.84	6.34	9.33	6.29	6.78	10.72	7.18	7.67	11.97	7.50	7.99	13.61	7.94	8.43	15.15	8.31	8.80
	7	7.07	5.52	6.01	8.69	6.04	6.53	10.10	6.93	7.42	11.50	7.31	7.81	13.18	7.77	8.26	14.69	8.14	8.63
	8	6.09	5.13	5.62	7.88	5.72	6.21	9.45	6.68	7.18	10.89	7.09	7.58	12.43	7.49	7.99	14.03	7.89	8.39
IZLCB 48MPVC/H-CW	4	10.10	6.80	7.30	11.54	7.24	7.74	13.15	8.22	8.72	14.51	8.58	9.08	16.84	9.31	9.80	17.96	9.49	9.99
	5	9.42	6.51	7.00	10.92	6.98	7.47	12.62	8.00	8.50	14.02	8.38	8.88	15.53	8.76	9.26	17.27	9.21	9.71
	6	8.90	6.29	6.79	10.41	6.77	7.26	12.02	7.76	8.25	13.51	8.17	8.67	15.07	8.57	9.07	16.78	9.01	9.51
	7	8.22	6.01	6.51	9.81	6.53	7.02	11.50	7.54	8.04	13.07	7.99	8.49	14.69	8.42	8.92	16.29	8.82	9.31
	8	7.37	5.67	6.17	9.13	6.25	6.74	10.83	7.27	7.77	12.43	7.73	8.23	13.97	8.13	8.63	15.60	8.54	9.04
IZLCB 50MPVC/H-CW	4	13.18	9.16	9.69	14.81	9.78	10.31	16.39	10.91	11.44	17.97	11.51	12.04	19.89	12.10	12.63	21.81	12.67	13.20
	5	12.45	8.72	9.23	14.12	9.37	9.89	15.73	10.52	11.04	17.33	11.13	11.66	19.27	11.75	12.27	21.21	12.34	12.87
	6	11.64	8.23	8.73	13.36	8.92	9.43	15.01	10.09	10.60	16.65	10.74	11.25	18.61	11.37	11.89	20.58	11.99	12.51
	7	10.72	7.67	8.16	12.52	8.43	8.92	14.22	9.63	10.13	15.91	10.30	10.81	17.91	10.98	11.49	19.91	11.62	12.13
	8	9.65	7.03	7.50	11.56	7.87	8.35	13.35	9.12	9.60	15.10	9.83	10.32	17.15	10.55	11.05	19.19	11.23	11.73
9	7.25	5.69	6.12	9.71	6.81	7.28	11.66	8.14	8.63	13.52	8.94	9.42	15.80	9.80	10.21	17.93	10.54	10.96	

PERFORMANCE DATA



COOLING CAPACITY IN KW AT TURBO FAN SPEED (2-Pipe)

5 °C WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MPVCC/H-CWB	4	2.40	1.93	2.07	2.82	2.12	2.26	3.23	2.44	2.58	3.63	2.62	2.76	4.12	2.79	2.93	4.60	2.96	3.10
	5	1.95	1.65	1.78	2.46	1.90	2.03	2.90	2.23	2.36	3.32	2.42	2.56	3.82	2.61	2.74	4.31	2.79	2.92
	6	1.22	1.11	1.20	1.31	1.16	1.29	2.16	1.82	1.94	2.69	2.07	2.20	3.25	2.29	2.42	3.76	2.48	2.61
	7	1.15	1.04	1.13	1.24	1.09	1.22	1.42	1.27	1.40	1.31	1.13	1.23	2.77	2.03	2.16	3.36	2.27	2.39
	8	1.09	0.98	1.07	1.18	1.08	1.15	1.35	1.26	1.33	1.14	1.04	1.14	1.35	1.11	1.20	2.65	1.89	2.01
IZLC 13MPVCC/H-CWB	4	3.38	2.68	2.86	3.95	2.94	3.12	4.50	3.36	3.55	5.04	3.59	3.78	5.69	3.82	4.01	6.34	4.04	4.23
	5	2.85	2.34	2.51	3.51	2.65	2.83	4.10	3.10	3.28	4.66	3.35	3.53	5.33	3.60	3.78	5.99	3.84	4.02
	6	1.56	1.37	1.50	1.86	1.47	1.61	3.20	2.58	2.75	3.88	2.89	3.07	4.96	3.54	3.37	5.64	3.62	3.81
	7	1.40	1.18	1.27	1.68	1.37	1.50	1.97	1.61	1.74	2.27	2.05	2.21	4.06	2.88	3.05	4.85	3.19	3.36
	8	1.15	0.97	1.11	1.43	1.23	1.35	1.72	1.46	1.59	2.01	1.87	2.00	2.34	1.99	2.15	2.70	2.12	2.28
IZLC 18MPVCC/H-CWB	4	4.35	3.45	3.67	5.03	3.75	3.98	5.70	4.27	4.50	6.36	4.55	4.78	7.15	4.84	5.07	7.94	5.11	5.34
	5	3.82	3.10	3.31	4.56	3.45	3.67	5.26	3.99	4.21	5.94	4.29	4.51	6.75	4.59	4.82	7.56	4.88	5.11
	6	2.26	1.95	2.20	4.00	3.09	3.30	4.75	3.66	3.87	5.47	3.99	4.21	6.32	4.32	4.54	7.15	4.63	4.86
	7	2.13	1.82	2.10	1.90	1.62	1.78	2.23	1.90	2.06	4.45	3.40	3.61	5.42	3.80	4.01	6.31	4.14	4.35
	8	2.01	1.68	1.98	1.61	1.34	1.46	1.93	1.73	1.88	2.25	1.85	2.01	4.42	3.25	3.45	5.52	3.71	3.91
IZLC 24MPVCC/H-CWB	4	5.14	4.18	4.46	5.95	4.55	4.83	6.74	5.18	5.46	7.52	5.52	5.80	8.47	5.86	6.15	9.41	6.19	6.48
	5	4.54	3.78	4.04	5.40	4.19	4.45	6.22	4.84	5.11	7.03	5.20	5.47	7.99	5.56	5.84	8.95	5.91	6.19
	6	2.49	2.27	2.45	4.81	3.80	4.25	5.68	4.47	4.74	6.51	4.85	5.13	7.50	5.24	5.52	8.47	5.61	5.89
	7	2.38	2.19	2.34	2.57	2.27	2.52	4.35	3.70	3.94	5.36	4.18	4.44	6.44	4.63	4.89	7.47	5.03	5.29
	8	2.24	2.03	2.21	2.43	2.09	2.39	2.80	2.43	2.75	2.40	2.12	2.30	5.43	4.05	4.29	6.59	4.53	4.78
IZLC 26MPVCC/H-CW	4	4.86	3.79	4.14	5.67	4.02	4.37	6.49	4.58	4.92	7.40	4.81	5.16	8.37	5.04	5.39	9.40	5.28	5.63
	5	4.30	3.58	3.93	5.17	3.84	4.18	6.05	4.42	4.76	6.94	4.65	4.99	7.81	4.85	5.20	8.77	5.07	5.41
	6	3.50	3.28	3.50	4.57	3.62	3.96	5.55	4.24	4.58	6.49	4.49	4.84	7.43	4.72	5.06	8.36	4.93	5.27
	7	2.44	2.44	2.44	3.75	3.32	3.67	4.88	4.00	4.35	5.89	4.28	4.63	6.93	4.55	4.89	7.99	4.80	5.15
	8	1.15	1.15	1.15	2.69	2.69	2.69	3.94	3.68	3.94	5.13	4.02	4.37	6.25	4.32	4.66	7.40	4.61	4.95
IZLC 32MPVCC/H-CW	4	7.53	5.26	5.67	8.73	5.64	6.05	9.94	6.39	6.80	11.06	6.68	7.09	12.42	7.04	7.45	13.86	7.41	7.82
	5	7.01	5.05	5.46	8.21	5.42	5.83	9.42	6.18	6.59	10.62	6.51	6.92	11.92	6.84	7.25	13.32	7.19	7.61
	6	6.37	4.79	5.20	7.69	5.21	5.62	8.89	5.97	6.38	10.09	6.30	6.71	11.42	6.65	7.06	12.86	7.02	7.43
	7	5.66	4.51	4.92	7.01	4.94	5.35	8.27	5.72	6.13	9.53	6.08	6.49	10.93	6.46	6.87	12.47	6.87	7.28
	8	4.80	4.17	4.58	6.31	4.67	5.08	7.69	5.50	5.91	8.97	5.86	6.27	10.41	6.26	6.67	11.85	6.64	7.05
IZLC 36MPVCC/H-CW	4	8.46	6.08	6.57	9.86	6.50	6.99	11.22	7.38	7.87	12.66	7.77	8.27	14.02	8.10	8.59	15.59	8.48	8.97
	5	7.81	5.81	6.31	9.22	6.24	6.74	10.62	7.14	7.63	11.92	7.48	7.97	13.52	7.90	8.40	15.03	8.26	8.76
	6	7.14	5.54	6.04	8.60	6.00	6.49	10.09	6.93	7.42	11.30	7.24	7.74	12.91	7.67	8.16	14.42	8.04	8.53
	7	6.25	5.19	5.69	7.99	5.76	6.25	9.47	6.69	7.19	10.85	7.07	7.56	12.42	7.49	7.98	13.79	7.80	8.29
	8	5.12	4.77	5.12	7.05	5.40	5.89	8.65	6.38	6.87	10.25	6.84	7.34	11.69	7.21	7.71	13.29	7.62	8.11
IZLC 48MPVCC/H-CW	4	9.37	6.49	6.99	10.82	6.94	7.43	12.42	7.92	8.41	13.78	8.28	8.78	15.27	8.66	9.16	17.23	9.20	9.69
	5	8.71	6.22	6.71	10.36	6.75	7.24	11.86	7.69	8.18	13.36	8.11	8.61	14.89	8.50	9.00	16.63	8.95	9.45
	6	8.17	6.00	6.49	9.78	6.51	7.01	11.30	7.46	7.95	12.81	7.88	8.38	14.42	8.31	8.81	16.03	8.71	9.21
	7	7.43	5.69	6.19	9.11	6.24	6.73	10.65	7.20	7.69	12.33	7.69	8.19	13.88	8.10	8.59	15.50	8.50	9.00
	8	6.57	5.35	5.84	8.33	5.93	6.42	9.93	6.91	7.41	11.53	7.37	7.87	13.29	7.87	8.36	14.89	8.27	8.76
IZLC 50MPVCC/H-CW	4	12.04	8.55	9.07	18.68	9.18	9.70	15.27	10.32	10.85	16.86	10.92	11.45	18.78	11.51	12.04	20.71	12.10	12.63
	5	11.29	8.09	8.60	12.97	8.76	9.27	14.60	9.92	10.43	16.21	10.54	11.06	18.16	11.16	11.68	20.11	11.76	12.29
	6	10.44	7.57	8.06	12.19	8.29	8.79	13.86	9.48	9.98	15.52	10.13	10.64	17.50	10.78	11.30	19.47	11.41	11.93
	7	8.96	6.69	7.11	11.08	7.64	8.00	12.65	8.77	9.21	14.36	9.47	9.93	16.40	10.17	10.62	18.38	10.81	11.28
	8	6.72	5.42	5.85	8.99	6.44	6.90	11.13	7.87	8.33	12.98	8.66	9.14	15.13	9.45	9.93	17.22	10.17	10.66
9	5.93	4.78	5.70	6.19	4.97	5.38	8.92	6.65	7.08	11.03	7.59	8.04	13.35	8.46	8.93	15.69	9.34	9.81	

PERFORMANCE DATA



COOLING CAPACITY IN KW AT TURBO FAN SPEED (2-Pipe)

8 °C WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C CWB			18°C CWB			19°C CWB			20°C CWB			21°C CWB			22°C CWB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MPVCC/H-CWB	4	2.12	1.77	1.89	2.55	1.97	2.10	2.97	2.29	2.43	3.37	2.47	2.60	3.86	2.64	2.79	4.35	2.81	2.94
	5	1.20	1.10	1.18	1.91	1.33	1.44	2.40	1.96	2.09	2.84	2.16	2.29	3.35	2.35	2.49	3.85	2.54	2.67
	6	1.13	1.02	1.11	1.22	1.06	1.20	1.41	1.26	1.38	2.28	1.84	1.97	2.88	2.09	2.22	3.42	2.30	2.43
	7	1.06	0.96	1.04	1.15	1.04	1.13	1.33	1.22	1.31	1.42	1.23	1.40	1.31	1.09	1.19	2.86	1.99	2.12
	8	1.00	0.90	0.98	1.09	0.99	1.07	1.27	1.16	1.24	1.36	1.19	1.33	1.18	1.03	1.12	1.40	1.31	1.40
IZLC 13MPVCC/H-CWB	4	2.99	2.45	2.63	3.57	2.71	2.90	4.13	3.14	3.33	4.67	3.38	3.56	5.33	3.61	3.80	5.98	3.84	4.03
	5	2.01	1.96	2.00	2.80	2.26	2.43	3.46	2.74	2.91	4.05	3.00	3.18	4.73	3.26	3.44	5.39	3.50	3.68
	6	1.76	1.46	1.73	1.60	1.34	1.47	1.88	1.58	1.71	3.35	2.61	2.78	4.15	2.93	3.11	4.87	3.21	3.39
	7	1.66	1.40	1.63	1.33	1.18	1.30	1.62	1.42	1.54	1.90	1.53	1.66	2.26	1.96	2.12	4.17	2.83	3.00
	8	1.57	1.34	1.55	1.14	0.96	1.06	1.42	1.20	1.30	1.71	1.43	1.55	2.06	1.84	1.99	2.41	1.97	2.13
IZLC 18MPVCC/H-CWB	4	3.87	3.16	3.39	4.57	3.48	3.70	5.24	4.00	4.23	5.90	4.29	4.52	6.70	4.58	4.81	7.50	4.85	5.09
	5	2.93	2.59	2.79	3.77	2.98	3.20	4.49	3.53	3.75	5.23	3.87	4.08	6.11	4.21	4.42	6.93	4.51	4.72
	6	2.09	1.97	2.06	1.80	1.58	1.74	3.70	3.06	3.27	4.52	3.45	3.66	5.42	3.81	4.02	6.27	4.13	4.35
	7	1.97	1.78	1.93	1.60	1.41	1.55	1.89	1.69	1.84	2.16	1.82	1.98	4.59	3.34	3.58	5.55	3.74	3.94
	8	1.86	1.67	1.82	1.50	1.25	1.40	1.60	1.33	1.56	1.93	1.70	1.85	2.33	2.21	2.30	4.78	3.32	3.52
IZLC 24MPVCC/H-CWB	4	4.58	3.84	4.11	5.40	4.22	4.49	6.20	4.85	5.13	6.99	5.20	5.48	7.94	5.55	5.83	8.89	5.89	6.17
	5	3.57	3.20	3.46	4.49	3.64	3.91	5.33	4.30	4.56	6.16	4.68	4.94	7.14	5.05	5.33	8.12	5.42	5.70
	6	2.34	2.11	2.30	3.37	2.99	3.23	4.46	3.77	4.02	5.37	4.20	4.46	6.40	4.62	4.88	7.40	5.00	5.27
	7	2.20	1.98	2.16	2.38	2.16	2.34	2.76	2.52	2.71	4.26	3.55	3.79	5.49	4.09	4.34	6.58	4.54	4.79
	8	2.07	1.86	2.03	2.25	2.03	2.21	2.62	2.39	2.57	2.81	2.44	2.75	4.42	3.49	3.73	5.77	4.09	4.33
IZLC 26MPVCC/H-CW	4	4.42	3.63	3.97	5.25	3.86	4.21	6.10	4.44	4.78	6.92	4.64	4.99	7.81	4.85	5.19	8.85	5.09	5.44
	5	3.78	3.39	3.73	4.75	3.68	4.02	5.70	4.29	4.64	6.49	4.49	4.84	7.35	4.69	5.04	8.24	4.89	5.23
	6	2.88	2.88	2.88	3.99	3.41	3.75	5.12	4.09	4.43	6.05	4.34	4.68	6.99	4.57	4.91	7.86	4.76	5.10
	7	1.68	1.68	1.68	2.94	2.94	2.94	4.25	3.79	4.13	5.38	4.11	4.45	6.47	4.40	4.74	7.40	4.61	4.95
	8	-	-	-	1.57	1.57	1.57	3.07	3.07	3.07	4.42	3.79	4.13	5.76	4.16	4.50	6.84	4.43	4.77
IZLC 32MPVCC/H-CW	4	6.89	5.00	5.41	8.01	5.34	5.75	9.37	6.16	6.57	10.58	6.49	6.90	11.81	6.80	7.21	13.06	7.09	7.50
	5	6.31	4.77	5.18	7.51	5.14	5.55	8.80	5.93	6.34	10.11	6.30	6.71	11.35	6.62	7.03	12.62	6.92	7.33
	6	5.69	4.52	4.93	6.97	4.92	5.33	8.29	5.73	6.14	9.54	6.08	6.49	10.81	6.41	6.82	12.13	6.74	7.15
	7	5.04	4.27	4.68	6.30	4.66	5.07	7.62	5.47	5.88	8.97	5.86	6.27	10.23	6.19	6.60	11.63	6.55	6.96
	8	4.16	3.93	4.16	5.60	4.40	4.81	6.98	5.23	5.65	8.49	5.68	6.09	9.77	6.02	6.43	11.21	6.40	6.81
IZLC 36MPVCC/H-CW	4	7.77	5.80	6.29	9.09	6.19	6.68	10.42	7.06	7.55	12.02	7.52	8.01	13.22	7.79	8.28	14.90	8.22	8.71
	5	7.21	5.57	6.06	8.55	5.98	6.47	9.90	6.86	7.35	11.31	7.25	7.74	12.72	7.60	8.09	14.22	7.96	8.45
	6	6.49	5.28	5.78	7.93	5.73	6.23	9.37	6.65	7.14	10.69	6.91	7.50	12.13	7.38	7.87	13.69	7.77	8.26
	7	5.46	4.90	5.39	7.06	5.40	5.90	8.69	6.39	6.89	10.09	6.78	7.28	11.49	7.14	7.63	13.17	7.57	8.06
	8	4.23	4.23	4.23	5.92	4.98	5.47	7.68	6.02	6.51	9.45	6.55	7.04	10.95	6.94	7.44	12.49	7.33	7.82
IZLC 48MPVCC/H-CW	4	8.73	6.23	6.72	10.10	6.64	7.13	11.54	7.56	8.05	13.06	7.98	8.48	14.50	8.35	8.84	16.27	8.81	9.30
	5	8.11	5.97	6.47	9.55	6.41	6.91	11.10	7.38	7.87	12.42	7.73	8.22	14.12	8.19	8.69	15.78	8.62	9.11
	6	7.45	5.70	6.20	9.01	6.20	6.69	10.57	7.17	7.66	11.96	7.54	8.04	13.62	7.99	8.49	15.26	8.41	8.90
	7	6.59	5.36	5.85	8.27	5.90	6.40	9.95	6.92	7.41	11.55	7.38	7.88	13.17	7.82	8.31	14.71	8.20	8.69
	8	5.60	4.97	5.47	7.36	5.55	6.05	9.19	6.62	7.12	10.79	7.09	7.59	12.42	7.53	8.03	14.09	7.97	8.46
IZLC 50MPVCC/H-CW	4	10.89	7.93	8.45	12.54	8.57	9.09	14.15	9.72	10.25	15.75	10.33	10.87	17.69	10.94	11.48	19.64	11.54	12.04
	5	9.97	7.36	7.82	11.65	8.04	8.50	13.19	9.15	9.63	14.79	9.77	10.27	16.71	10.39	10.91	18.68	10.01	11.54
	6	8.46	6.44	6.91	10.30	7.24	7.72	12.05	8.47	8.96	13.76	9.16	9.66	15.78	9.85	10.36	17.79	10.51	11.02
	7	6.32	5.23	5.66	8.53	6.23	6.69	10.45	7.54	8.00	12.29	8.32	8.80	14.52	9.13	9.63	16.68	9.90	10.39
	8	5.47	4.41	5.40	6.82	5.32	5.75	9.10	6.80	7.24	11.08	7.67	8.13	13.31	8.50	8.97	15.46	9.26	9.74
9	4.18	3.37	4.11	5.44	4.39	5.40	7.31	5.84	6.26	9.67	6.92	7.36	12.11	7.88	8.33	14.37	8.71	9.57	

PERFORMANCE DATA

COOLING CAPACITY IN kW AT TURBO FAN SPEED (2-Pipe)

8 °C ENTERING WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C CWB			18°C CWB			19°C CWB			20°C CWB			21°C CWB			22°C CWB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	29DB
IZLC 10MPVC/H-CWB	4	1.55	1.21	1.32	2.04	1.68	1.81	2.47	2.01	2.14	2.88	2.20	2.33	3.37	2.38	2.52	3.86	2.55	2.69
	5	1.11	1.00	1.09	1.21	1.09	1.18	1.93	1.41	1.51	2.42	1.92	2.05	2.95	2.14	2.27	3.46	2.33	2.46
	6	1.04	0.93	1.02	1.13	1.02	1.11	1.31	1.20	1.29	1.41	1.25	1.38	2.49	1.88	2.01	3.06	2.11	2.24
	7	0.97	0.87	0.96	1.06	0.96	1.05	1.24	1.13	1.22	1.34	1.22	1.31	2.19	1.64	1.84	2.54	1.83	1.95
	8	0.91	0.82	0.90	1.00	0.90	0.99	1.18	1.07	1.16	1.27	1.16	1.24	1.36	1.28	1.33	1.08	0.98	1.08
	9	0.86	0.76	0.84	0.95	0.85	0.93	1.12	1.02	1.10	1.21	1.10	1.18	1.30	1.19	1.27	0.98	0.92	0.98
IZLC 13MPVC/H-CWB	4	2.28	2.05	2.21	2.92	2.35	2.52	3.50	2.79	2.96	4.06	3.03	3.21	4.71	3.27	3.46	5.37	3.50	3.69
	5	1.73	1.46	1.70	1.52	1.32	1.45	2.83	2.39	2.55	3.49	2.69	2.86	4.20	2.97	3.15	4.88	3.23	3.41
	6	1.62	1.37	1.59	1.32	1.11	1.20	1.61	1.44	1.57	1.90	1.55	1.68	3.63	2.66	2.82	4.39	2.96	3.13
	7	1.53	1.29	1.50	1.13	0.95	1.08	1.41	1.19	1.32	1.70	1.44	1.57	2.05	1.56	1.69	3.74	2.61	2.77
	8	1.44	1.22	1.42	1.07	0.90	1.06	1.36	1.25	1.35	1.51	1.34	1.45	1.85	1.46	1.58	2.23	1.89	2.04
IZLC 18MPVC/H-CWB	4	3.06	2.68	2.90	3.81	3.03	3.24	4.50	3.56	3.78	5.17	3.86	4.08	5.97	4.15	4.38	6.77	4.44	4.67
	5	2.53	2.12	2.40	2.98	2.54	2.74	3.81	3.14	3.35	4.55	3.49	3.70	5.40	3.82	4.04	6.23	4.13	4.35
	6	1.93	1.73	1.89	2.10	1.72	2.06	3.07	2.56	2.86	3.85	3.08	3.29	4.81	3.49	3.70	5.70	3.83	4.05
	7	1.81	1.62	1.78	1.97	1.84	1.94	2.30	2.16	2.26	1.92	1.72	1.88	4.03	3.05	3.25	5.07	3.49	3.69
	8	1.70	1.52	1.67	1.86	1.67	1.83	2.18	1.98	2.14	1.69	1.41	1.60	2.11	1.74	1.90	4.19	3.01	3.21
	9	1.59	1.41	1.57	1.76	1.57	1.72	2.07	1.88	2.03	1.60	1.34	1.50	1.59	1.33	1.53	1.95	1.64	1.79
IZLC 24MPVC/H-CWB	4	3.64	3.27	3.35	4.49	3.67	3.94	5.30	4.32	4.59	6.10	4.67	4.95	7.05	5.03	5.31	8.00	5.37	5.65
	5	2.51	2.06	2.25	3.60	3.12	3.37	4.52	3.83	4.08	5.37	4.23	4.49	6.37	4.63	4.89	7.35	5.00	5.27
	6	2.15	1.93	2.11	2.35	2.12	2.30	3.59	3.27	3.51	4.61	3.78	4.03	5.70	4.23	4.49	6.72	4.64	4.90
	7	2.01	1.80	1.98	2.20	1.98	2.16	2.58	2.34	2.53	3.40	3.08	3.32	4.89	3.76	4.01	6.02	4.24	4.49
	8	1.89	1.68	1.85	2.07	1.86	2.03	2.44	2.21	2.39	2.62	2.39	2.57	3.92	2.60	2.74	5.15	3.76	4.00
IZLCB 26MPVC/H-CW	4	3.67	3.35	3.67	4.64	3.64	3.98	5.53	4.14	4.48	6.27	4.42	4.76	7.16	4.63	4.97	8.33	4.92	5.26
	5	2.94	2.94	2.94	4.03	3.42	3.76	5.02	4.05	4.40	5.82	4.26	4.60	6.78	4.50	4.84	7.78	4.73	5.08
	6	1.94	1.94	1.94	3.17	3.12	3.17	4.35	3.82	4.16	5.27	4.07	4.42	6.34	4.35	4.69	7.38	4.60	4.94
	7	0.71	0.71	0.71	2.10	2.10	2.10	3.39	3.39	3.39	4.54	3.82	4.17	5.73	4.15	4.49	6.92	4.45	4.80
	8	-	-	-	0.67	0.67	0.67	2.11	2.11	2.11	3.50	3.48	3.50	4.90	3.88	4.22	6.24	4.24	4.58
	9	-	-	-	-	-	-	0.60	0.60	0.60	2.20	2.20	2.20	3.69	3.50	3.69	5.25	3.92	4.27
IZLCB 32MPVC/H-CW	4	6.01	4.64	5.06	7.27	5.04	5.45	8.41	5.78	6.19	9.61	6.11	6.52	10.89	6.44	6.85	12.33	6.82	7.23
	5	5.36	4.39	4.80	6.70	4.82	5.23	7.95	5.60	6.01	9.15	5.93	6.34	10.41	6.26	6.67	11.91	6.66	7.07
	6	4.63	4.11	4.52	6.07	4.58	4.99	7.44	5.41	5.82	8.64	5.74	6.15	9.89	6.07	6.48	11.41	6.47	6.88
	7	3.84	3.81	3.84	5.32	4.30	4.71	6.72	5.14	5.55	8.01	5.51	5.92	9.24	5.83	6.24	10.84	6.26	6.67
	8	2.98	2.98	2.98	4.48	3.99	4.40	5.99	4.87	5.28	7.36	5.27	5.68	8.80	5.67	6.08	10.40	6.11	6.52
IZLCB 36MPVC/H-CW	4	6.73	5.38	5.87	8.12	5.81	6.30	9.45	6.68	7.18	10.84	7.07	7.56	12.25	7.42	7.92	14.17	7.94	8.44
	5	6.10	5.14	5.63	7.51	5.57	6.06	8.91	6.48	6.97	10.31	6.86	7.36	11.71	7.22	7.71	13.47	7.68	8.18
	6	5.16	4.78	5.16	6.72	5.28	5.77	8.33	6.26	6.75	9.73	6.65	7.14	11.14	7.01	7.50	12.85	7.46	7.95
	7	3.92	3.92	3.92	5.74	4.91	5.40	7.70	6.03	6.52	9.02	6.39	6.88	10.56	6.80	7.30	12.33	7.27	7.76
	8	2.46	2.46	2.46	4.64	4.52	5.01	6.63	5.64	6.13	8.23	6.11	6.60	9.92	6.58	7.07	11.75	7.07	7.56
	9	0.72	0.72	0.72	3.06	3.06	3.06	5.40	5.20	5.40	7.20	5.74	6.24	9.07	6.28	6.77	10.98	6.80	7.29
IZLCB 48MPVC/H-CW	4	7.61	5.76	6.26	9.08	6.23	6.72	10.52	7.15	7.64	12.06	7.58	8.08	13.61	7.99	8.49	15.34	8.44	8.94
	5	6.90	5.48	5.98	8.51	5.97	6.49	9.95	6.92	7.41	11.51	7.37	7.86	13.05	7.77	8.27	14.87	8.26	8.75
	6	6.12	5.18	5.67	7.85	5.74	6.24	9.37	6.69	7.18	10.97	7.16	7.66	12.49	7.56	8.06	14.36	8.06	8.56
	7	5.24	4.84	5.24	7.14	5.47	5.96	8.82	6.49	6.98	10.36	6.93	7.43	11.96	7.36	7.86	13.78	7.85	8.35
	8	4.16	4.16	4.16	6.08	5.07	5.56	8.00	6.18	6.67	9.76	6.71	7.20	11.36	7.14	7.63	13.19	7.63	8.12
IZLCB 50MPVC/H-CW	4	9.31	7.04	7.55	11.00	7.72	8.24	12.64	8.89	9.41	14.26	9.52	10.04	16.21	10.14	10.67	18.16	10.75	11.27
	5	7.92	6.20	6.67	9.71	6.96	7.45	11.47	8.20	8.69	13.18	8.88	9.38	15.20	9.58	10.09	17.21	10.22	10.74
	6	6.55	5.42	5.86	8.56	6.32	6.78	10.38	7.58	8.06	12.13	8.31	8.79	14.18	9.02	9.52	16.20	9.69	10.19
	7	4.29	3.75	4.19	7.11	5.52	5.96	9.16	6.90	7.36	11.04	7.72	8.19	13.20	8.50	9.01	15.29	9.23	9.71
	8	3.08	2.48	3.00	5.76	4.64	5.75	7.64	6.07	6.50	9.77	7.03	7.48	12.09	7.92	8.39	14.28	8.71	9.18
	9	1.60	1.29	1.60	4.20	3.08	4.02	6.45	5.20	6.40	8.19	6.18	6.61	10.08	7.24	7.70	13.15	8.13	8.59

PERFORMANCE DATA

COOLING CAPACITY IN kW AT TURBO FAN SPEED (4-Pipe)

5 °C ENTERING WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MRVH-CWB	4	2.18	1.79	1.90	2.50	1.93	2.05	2.82	2.19	2.31	3.13	2.33	2.45	3.51	2.47	2.59	3.89	2.61	2.73
	5	1.92	1.61	1.72	2.26	1.77	1.89	2.59	2.04	2.15	2.91	2.19	2.30	3.30	2.34	2.45	3.69	2.48	2.60
	6	0.95	0.83	0.90	1.97	1.58	1.69	2.34	1.87	1.98	2.68	2.03	2.14	3.08	2.19	2.30	3.47	2.34	2.46
	7	0.87	0.77	0.84	1.01	0.83	0.90	2.01	1.17	1.31	2.39	1.84	1.95	2.83	2.03	2.14	3.24	2.20	2.31
	8	0.80	0.71	0.78	0.92	0.77	0.85	1.08	0.91	0.98	1.24	0.96	1.04	2.26	1.71	1.82	2.74	1.92	2.02
IZLC 13MRVH-CWB	4	2.85	2.26	2.40	3.25	2.44	2.58	3.60	2.75	2.90	4.05	2.93	3.07	4.52	3.10	3.24	5.00	3.26	3.41
	5	2.55	2.06	2.19	2.98	2.26	2.40	3.40	2.58	2.72	3.80	2.76	2.91	4.29	2.94	3.09	4.77	3.12	3.26
	6	1.70	1.54	1.66	2.65	2.04	2.17	3.10	2.39	2.52	3.53	2.59	2.73	4.03	2.78	2.92	4.52	2.97	3.11
	7	1.40	1.10	1.20	1.65	1.47	1.59	2.73	2.15	2.32	3.21	2.38	2.52	3.75	2.60	2.74	4.26	2.80	2.94
	8	1.27	1.02	1.11	1.51	1.37	1.49	1.75	1.31	1.40	2.00	1.71	1.84	3.12	2.24	2.37	3.99	2.64	2.70
IZLC 18MRVH-CWB	4	3.55	2.83	3.00	4.05	3.05	3.22	4.53	3.44	3.62	5.01	3.65	3.83	5.90	3.86	4.04	6.17	4.06	4.24
	5	3.23	2.61	2.77	3.74	2.84	3.01	4.24	3.24	3.41	4.73	3.46	3.63	5.31	3.68	3.86	5.90	3.89	4.07
	6	2.84	2.34	2.50	3.39	2.61	2.78	3.92	3.03	3.19	4.42	3.26	3.43	5.03	3.49	3.67	5.62	3.72	3.89
	7	1.59	1.29	1.41	2.95	2.33	2.48	3.54	2.78	2.94	4.08	3.04	3.20	4.71	3.29	3.46	5.32	3.53	3.70
	8	1.43	1.20	1.31	1.71	1.31	1.43	1.99	1.53	1.65	3.71	2.79	2.95	4.36	3.07	3.23	5.00	3.33	3.49
IZLC 24MRVH-CWB	4	4.19	3.49	3.71	4.77	3.76	3.98	5.34	4.25	4.47	5.90	4.50	4.73	6.59	4.76	4.98	7.28	5.01	5.23
	5	3.82	3.23	3.44	4.42	3.51	3.73	5.00	4.00	4.22	5.57	4.27	4.49	6.26	4.54	4.76	6.96	4.80	5.02
	6	3.40	2.92	3.12	4.03	3.24	3.45	4.63	3.75	3.95	5.22	4.03	4.24	5.93	4.31	4.53	6.63	4.58	4.80
	7	2.82	2.53	2.71	3.57	2.93	3.12	4.22	3.46	3.66	4.84	3.77	3.97	5.57	4.07	4.28	6.28	4.36	4.57
	8	1.54	1.36	1.50	1.85	1.49	1.62	3.33	2.89	3.08	4.04	3.25	3.45	5.21	3.83	4.03	5.94	4.13	4.34
IZLCB 26MRVH-CW	4	4.55	3.65	3.99	5.39	3.89	4.23	6.16	4.43	4.77	6.99	4.64	4.98	7.82	4.82	5.16	8.72	5.01	5.35
	5	3.72	3.34	3.68	4.74	3.65	3.99	5.66	4.25	4.59	6.46	4.45	4.79	7.29	4.64	4.98	8.21	4.84	5.18
	6	2.65	2.65	2.65	3.85	3.33	3.67	4.92	3.99	4.33	5.87	4.25	4.59	6.81	4.48	4.82	7.79	4.70	5.04
	7	1.23	1.23	1.23	2.58	2.58	2.58	3.86	3.62	3.86	5.05	3.97	4.31	6.06	4.23	4.57	7.18	4.50	4.84
	8	-	-	-	1.15	1.15	1.15	2.56	2.56	2.56	3.97	3.61	3.95	5.13	3.93	4.27	6.41	4.26	4.60
IZLCB 32MRVH-CW	4	6.49	4.61	4.98	7.40	4.87	5.24	8.34	5.49	5.86	9.43	5.78	6.15	10.52	6.05	6.42	11.55	6.27	6.64
	5	6.01	4.41	4.78	6.97	4.69	5.06	7.93	5.33	5.70	9.06	5.64	6.01	10.18	5.92	6.29	11.14	6.12	6.49
	6	5.42	4.18	4.55	6.54	4.52	4.89	7.54	5.17	5.54	8.56	5.45	5.82	9.71	5.74	6.11	10.77	5.98	6.35
	7	4.60	3.86	4.23	5.88	4.27	4.64	7.07	4.99	5.36	8.12	5.28	5.65	9.24	5.57	5.94	10.32	5.82	6.19
	8	3.51	3.45	3.51	5.00	3.94	4.31	6.41	4.75	5.12	7.56	5.07	5.44	8.64	5.35	5.72	9.74	5.61	5.98
IZLCB 36MRVH-CW	4	7.70	5.52	5.98	8.92	5.88	6.33	10.26	6.71	7.16	11.44	7.00	7.46	12.96	7.40	7.85	14.11	7.62	8.08
	5	7.08	5.28	5.73	8.29	5.63	6.08	9.62	6.46	6.91	10.87	6.79	7.24	12.21	7.12	7.57	13.54	7.41	7.87
	6	6.40	5.01	5.47	7.69	5.40	5.85	9.04	6.24	6.70	10.29	6.57	7.03	11.62	6.90	7.35	12.89	7.18	7.63
	7	5.50	4.67	5.12	6.95	5.13	5.58	8.34	5.98	6.44	9.71	6.36	6.81	11.10	6.71	7.16	12.34	6.98	7.44
	8	4.41	4.26	4.41	6.02	4.78	5.23	7.56	5.69	6.14	9.05	6.11	6.57	10.53	6.51	6.96	11.71	6.77	7.22
IZLCB 48MRVH-CW	4	8.53	6.03	6.51	9.85	6.42	6.90	11.16	7.27	7.75	12.51	7.62	8.10	13.98	7.99	8.47	15.33	8.29	8.77
	5	8.01	5.82	6.30	9.22	6.17	6.65	10.61	7.05	7.53	12.02	7.43	7.91	13.41	7.77	8.25	14.87	8.12	8.60
	6	7.35	5.55	6.03	8.75	5.98	6.46	10.00	6.80	7.28	11.41	7.19	7.67	12.79	7.54	8.02	14.29	7.90	8.38
	7	6.51	5.21	5.69	8.10	5.73	6.20	9.53	6.63	7.11	10.86	6.98	7.46	12.25	7.33	7.81	13.73	7.69	8.17
	8	5.51	4.84	5.31	7.25	5.40	5.88	8.84	6.36	6.84	10.25	6.76	7.24	11.71	7.13	7.61	13.10	7.46	7.94
IZLCB 50MRVH-CW	4	11.55	8.34	8.83	13.01	8.92	9.41	14.44	9.98	10.48	15.88	10.54	11.04	17.62	11.09	11.59	19.36	11.63	12.13
	5	10.83	7.88	8.37	12.32	8.49	8.98	13.78	9.57	10.06	15.23	10.14	10.63	16.98	1.72	11.21	18.74	11.27	11.77
	6	10.06	7.40	7.86	11.59	8.04	8.51	13.07	9.13	9.61	14.54	9.73	10.21	16.32	10.33	1.81	18.09	10.91	11.39
	7	9.21	6.86	7.31	10.79	7.55	8.01	12.32	8.67	9.13	13.82	9.39	9.76	15.62	9.92	10.40	17.42	10.54	11.00
	8	8.26	6.27	6.70	9.92	7.03	7.47	11.51	8.17	8.63	13.07	8.83	9.30	14.94	8.50	9.99	16.76	10.14	10.62

PERFORMANCE DATA

COOLING CAPACITY IN kW AT TURBO FAN SPEED (4-Pipe)

6 °C ENTERING WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MRVH-CWB	4	1.96	1.65	1.76	2.29	1.80	1.92	2.60	2.06	2.18	2.92	2.20	2.32	3.30	2.35	2.46	3.68	2.48	2.60
	5	1.68	1.46	1.57	2.04	1.63	1.74	2.37	1.91	2.02	0.70	2.06	2.17	3.09	2.21	2.32	3.48	2.35	2.47
	6	0.87	0.77	0.85	1.00	0.83	0.91	1.92	1.63	1.73	2.28	1.80	1.91	2.68	1.96	2.07	3.09	2.12	2.23
	7	0.75	0.67	0.71	0.90	0.77	0.85	1.06	0.91	0.99	1.92	1.59	1.69	2.41	1.80	1.91	2.83	1.97	2.08
	8	0.64	0.58	0.62	0.77	0.68	0.75	0.92	0.82	0.89	1.07	0.88	0.96	1.26	0.95	1.02	2.41	1.73	1.83
IZLC 13MRVH-CWB	9	0.51	0.48	0.51	0.61	0.55	0.58	0.82	0.72	0.79	0.92	0.79	0.86	1.11	0.86	0.93	1.30	0.92	1.00
	4	2.57	2.09	2.23	2.98	2.27	2.41	3.38	2.59	2.74	3.78	2.76	2.91	4.25	2.94	3.08	4.73	3.10	3.25
	5	2.26	1.87	2.00	2.70	2.09	2.22	3.12	2.42	2.55	3.53	2.60	2.74	4.02	2.79	2.93	4.50	2.96	3.10
	6	1.37	1.10	1.20	2.36	1.86	1.98	2.82	2.22	2.35	3.25	2.42	2.56	3.76	2.62	2.76	4.26	2.81	2.95
	7	1.23	1.02	1.11	1.47	1.11	1.21	1.72	1.31	1.41	2.66	2.07	2.20	3.25	2.32	2.46	3.78	2.53	2.67
IZLC 18MRVH-CWB	8	1.02	0.88	0.96	1.26	0.99	1.08	1.51	1.18	1.27	1.76	1.28	1.37	2.06	1.68	1.80	3.30	2.26	2.39
	9	0.79	0.70	0.77	1.02	0.83	0.91	1.27	1.03	1.11	1.52	1.14	1.22	1.83	1.52	1.63	2.10	1.62	1.74
	4	3.22	2.62	2.79	3.71	2.84	3.02	4.20	3.24	3.41	4.68	3.45	3.63	5.26	3.66	3.84	5.84	3.87	4.05
	5	2.88	2.39	2.55	3.40	2.64	2.80	3.90	3.04	3.21	4.39	3.26	3.43	4.99	3.48	3.66	5.58	3.70	3.87
	6	2.45	2.09	2.25	3.04	2.39	2.55	3.57	2.81	2.98	4.09	3.05	3.22	4.69	3.29	3.46	5.29	3.52	3.69
IZLC 24MRVH-CWB	7	1.39	1.20	1.31	1.68	1.31	1.43	2.89	2.39	2.55	3.48	2.68	2.84	4.13	2.95	3.11	4.76	3.20	3.37
	8	1.17	1.04	1.15	1.43	1.16	1.27	1.71	1.39	1.50	2.00	1.50	1.61	3.56	2.61	2.77	4.26	2.90	3.06
	9	0.98	0.83	0.95	1.15	0.98	1.08	1.44	1.21	1.32	1.73	1.34	1.44	2.05	1.79	1.93	3.56	2.51	2.66
	4	3.79	3.24	3.45	4.37	3.51	3.73	4.95	4.00	4.22	5.51	4.26	4.48	6.20	4.52	4.74	6.89	4.77	4.99
	5	3.41	2.96	3.17	4.02	3.26	3.47	4.60	3.75	3.97	5.18	4.03	4.24	5.88	4.30	4.52	6.57	4.56	4.78
SULCB 26MRVH-CW	6	2.96	2.64	2.84	3.62	2.98	3.18	4.23	3.49	3.69	4.83	3.78	3.99	5.54	4.07	4.28	6.25	4.35	4.57
	7	1.74	1.58	1.72	2.73	2.43	2.62	3.50	3.02	3.21	4.15	3.34	3.54	4.89	3.66	3.86	5.61	3.95	4.16
	8	0.54	1.37	1.50	1.54	1.32	1.45	1.85	1.58	1.71	3.41	2.88	3.06	4.27	3.27	3.46	5.05	3.61	3.80
	9	1.23	1.10	1.18	1.26	1.11	1.23	1.54	1.38	1.50	1.84	1.51	1.64	3.35	2.71	2.89	4.33	3.17	3.35
	4	4.11	3.49	3.83	4.90	3.71	4.05	5.74	4.28	4.62	6.54	4.48	4.82	7.44	4.69	5.03	8.27	4.86	5.20
IZLCB 32MRVH-CW	5	3.29	3.18	3.29	4.25	3.47	3.81	5.14	4.07	4.41	6.03	4.30	4.64	6.89	4.50	4.84	7.82	4.71	5.05
	6	2.11	2.11	2.11	3.31	3.15	3.31	4.42	3.82	4.16	5.38	4.08	4.42	6.34	4.32	4.66	7.34	4.56	4.90
	7	0.67	0.67	0.67	2.09	2.09	2.09	3.30	3.30	3.30	4.48	3.78	4.12	5.54	4.06	4.40	6.64	4.33	4.67
	8	-	-	-	0.69	0.69	0.69	2.02	2.02	2.02	3.33	3.33	3.33	4.56	3.75	4.09	5.77	4.06	4.40
	9	-	-	-	-	-	-	0.43	0.43	0.43	2.02	2.02	2.02	3.31	3.31	3.31	4.61	3.70	4.04
IZLCB 36MRVH-CW	4	5.97	4.40	4.77	6.96	4.69	5.06	7.99	5.35	5.72	8.85	5.55	5.92	9.94	5.83	6.20	11.15	6.12	6.49
	5	5.48	4.20	4.57	6.49	4.51	4.88	7.53	5.17	5.54	8.53	5.43	5.80	9.62	5.71	6.08	10.71	5.96	6.33
	6	4.81	3.94	4.31	5.96	4.30	4.67	7.11	5.01	5.38	8.11	5.28	5.65	9.13	5.53	5.90	10.25	5.79	6.16
	7	3.92	3.61	3.92	5.27	4.04	4.41	6.50	4.79	5.16	7.62	5.10	5.47	8.66	5.35	5.72	9.76	5.62	5.99
	8	2.82	2.82	2.82	4.30	3.68	4.05	5.77	4.51	4.88	7.05	4.89	5.26	8.12	5.16	5.53	9.30	5.46	5.83
IZLCB 48MRVH-CW	9	1.44	1.44	1.44	3.17	3.17	3.17	4.70	4.13	4.50	6.14	4.57	4.94	7.41	4.91	5.28	8.79	5.28	5.65
	4	7.15	5.31	5.76	8.33	5.65	6.10	9.58	6.44	6.90	10.90	6.80	7.25	12.11	7.08	7.53	13.59	7.43	7.88
	5	6.54	5.07	5.52	7.77	5.43	5.88	9.01	6.23	6.69	10.18	6.53	6.98	11.49	6.85	7.30	12.93	7.20	7.65
	6	5.77	4.77	5.22	7.11	5.18	5.64	8.46	6.03	6.48	9.61	6.32	6.77	10.90	6.64	7.09	12.19	6.93	7.38
	7	4.71	4.37	4.71	6.32	4.89	5.34	7.76	5.77	6.22	9.04	6.11	6.56	10.38	6.46	6.91	11.66	6.75	7.20
IZLCB 50MRVH-CW	8	3.33	3.33	3.33	5.23	4.48	4.94	6.76	5.41	5.86	8.20	5.81	6.27	9.74	6.23	6.68	11.17	6.58	7.03
	9	1.73	1.73	1.73	3.89	3.89	3.89	5.65	5.02	5.47	7.29	5.50	5.95	8.91	5.94	6.39	10.55	6.36	6.82
	4	7.88	5.77	6.24	9.24	6.18	6.66	10.58	7.03	7.51	11.79	7.34	7.82	13.20	7.69	8.17	14.42	7.95	8.43
	5	7.34	5.55	6.03	8.67	5.95	6.43	9.94	6.78	7.26	11.27	7.14	7.62	12.77	7.53	8.01	14.15	7.85	8.33
	6	6.69	5.29	5.77	8.17	5.75	6.23	9.42	6.58	7.06	10.71	6.93	7.41	12.04	7.26	7.73	13.52	7.61	8.09
IZLCB 50MRVH-CW	7	5.83	4.95	5.43	7.40	5.46	5.93	8.86	6.37	6.85	10.27	6.76	7.24	11.55	7.07	7.55	13.01	7.43	7.90
	8	4.74	4.55	4.74	6.43	5.09	5.57	8.02	6.05	6.53	9.53	6.49	6.97	11.02	6.88	7.36	12.43	7.21	7.69
	9	3.31	3.31	3.31	5.19	4.63	5.11	6.95	5.66	6.14	8.73	6.19	6.67	10.46	6.68	7.16	11.96	7.05	7.53
	4	10.52	7.77	8.26	12.00	8.36	8.85	13.44	9.43	9.92	14.88	9.99	10.49	16.62	10.55	11.05	18.37	11.09	11.59
	5	9.79	7.30	7.78	11.30	7.92	8.41	12.76	9.01	9.49	14.22	9.59	10.08	15.98	10.17	10.66	17.74	10.73	11.23
IZLCB 50MRVH-CW	6	8.99	6.79	7.25	10.54	7.46	7.93	12.06	8.57	9.04	13.56	9.18	9.67	15.35	9.80	10.25	17.06	10.34	10.78
	7	7.62	5.94	6.39	9.25	6.68	7.13	10.83	7.83	8.29	12.37	8.48	8.95	14.19	9.13	9.60	16.01	9.75	10.22
	8	5.76	4.85	5.25	7.65	5.74	6.15	9.32	6.92	7.34	10.97	7.65	8.09	13.06	8.45	8.92	14.91	9.12	9.58
	9	4.70	3.59	4.30	5.45	4.51	4.88	7.57	5.91	6.31	9.37	6.74	7.16	11.40	7.54	7.97	13.33	8.27	8.71

PERFORMANCE DATA

COOLING CAPACITY IN kW AT TURBO FAN SPEED (4-Pipe)

7 °C ENTERING WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MRVH-CWB	4	1.74	1.51	1.62	2.07	1.66	1.78	2.39	1.93	2.05	2.71	2.07	2.19	3.09	2.22	2.34	3.48	2.36	2.48
	5	1.28	0.98	1.05	1.66	1.42	1.52	2.02	1.70	1.81	2.35	1.85	1.97	2.74	2.01	2.12	3.13	2.15	2.27
	6	0.98	0.87	0.96	1.34	1.06	1.30	1.58	1.13	1.21	1.99	1.63	1.74	2.42	1.81	1.92	2.83	1.98	2.09
	7	0.93	0.84	0.91	1.02	0.91	1.00	1.34	1.03	1.14	1.02	0.87	0.94	1.98	1.55	1.65	2.45	1.76	1.86
	8	0.88	0.79	0.86	0.95	0.85	0.94	1.11	0.73	1.08	0.91	0.80	0.87	1.11	0.87	0.94	2.03	1.52	1.62
IZLC 13MRVH-CWB	9	0.83	0.74	0.81	0.91	0.82	0.89	1.06	0.96	1.04	0.81	0.74	0.79	1.00	0.81	0.88	1.19	0.88	0.95
	4	2.29	1.91	2.05	2.71	2.05	2.25	3.11	2.43	2.57	3.51	2.60	2.75	3.99	2.78	2.93	4.47	2.95	3.10
	5	1.34	1.11	1.21	2.25	1.82	1.95	2.69	2.16	2.29	3.11	2.35	2.49	3.60	2.54	2.68	4.08	2.72	2.86
	6	1.14	0.98	1.07	1.39	1.08	1.18	1.64	1.28	1.37	2.70	2.10	2.23	3.23	2.32	2.45	3.74	2.52	2.65
	7	0.95	0.83	0.92	1.17	0.98	1.03	1.42	1.14	1.23	1.67	1.24	1.34	2.73	2.02	2.15	3.31	2.27	2.40
IZLC 18MRVH-CWB	8	0.83	0.71	0.81	1.01	0.84	0.92	1.26	1.04	1.13	1.51	1.15	1.24	1.80	1.24	1.34	2.10	1.64	1.76
	9	0.73	0.59	0.63	0.84	0.73	0.80	1.10	0.93	1.01	1.35	1.05	1.13	1.63	1.15	1.24	1.93	1.54	1.66
	4	2.87	2.41	2.58	3.38	2.64	2.81	3.86	3.04	3.21	4.35	3.25	3.43	4.93	3.46	3.64	5.52	3.67	3.85
	5	2.32	2.04	2.20	2.86	2.31	2.47	3.43	2.75	2.91	3.97	3.00	3.15	4.53	3.21	3.38	5.11	3.42	3.60
	6	1.30	1.16	1.27	2.26	1.94	2.09	2.90	2.41	2.56	3.45	2.67	2.83	4.07	2.93	3.09	4.68	3.16	3.33
IZLC 24MRVH-CWB	7	1.13	0.99	1.10	1.33	1.12	1.22	1.62	1.35	1.46	2.82	2.29	2.44	3.55	2.61	2.77	4.20	2.88	3.04
	8	1.04	0.87	0.99	1.14	1.00	1.10	1.43	1.23	1.34	1.71	1.35	1.46	2.97	2.28	2.43	3.75	2.63	2.78
	9	0.98	0.85	0.88	1.00	0.86	0.97	1.23	1.11	1.20	1.51	1.24	1.34	1.86	1.36	1.47	2.20	1.83	1.97
	4	3.39	2.98	3.19	3.98	3.26	3.48	4.55	3.75	3.97	5.13	4.01	4.24	5.82	4.28	4.50	6.51	4.54	4.76
	5	2.78	2.56	2.76	3.40	2.87	3.07	4.01	3.37	3.59	4.60	3.66	3.87	5.29	3.93	4.15	5.97	4.19	4.41
IZLCB 26MRVH-CW	6	1.60	1.44	1.58	2.78	2.46	2.65	3.45	3.00	3.20	4.07	3.31	3.51	4.80	3.62	3.82	5.51	3.90	4.11
	7	1.40	1.25	1.32	1.43	1.27	1.40	2.62	1.90	2.04	3.42	2.88	3.07	4.21	3.25	3.44	4.96	3.57	3.76
	8	1.15	1.03	1.13	1.28	1.13	1.26	1.53	1.40	1.52	1.84	1.54	1.67	3.64	2.90	3.08	4.47	3.27	3.46
	9	0.96	0.86	0.94	1.01	0.90	0.98	1.31	1.18	1.26	1.63	1.41	1.54	2.01	1.55	1.69	3.87	2.92	3.10
	4	3.68	3.33	3.67	4.55	3.58	3.92	5.36	4.14	4.48	6.17	4.35	4.69	6.92	4.51	4.85	7.82	4.71	5.05
IZLCB 32MRVH-CW	5	2.80	2.80	2.80	3.81	3.32	3.66	4.72	3.92	4.26	5.64	4.17	4.51	6.47	4.36	4.70	7.34	4.56	4.90
	6	1.65	1.65	1.65	2.79	2.79	2.79	3.84	3.62	3.84	4.90	3.92	4.26	5.86	4.16	4.50	6.84	4.40	4.74
	7	0.27	0.27	0.27	1.50	1.50	1.50	2.78	2.78	2.78	3.92	3.60	3.92	5.02	3.89	4.23	6.16	4.18	4.52
	8	-	-	-	-	-	-	1.43	1.43	1.43	2.69	2.69	2.69	3.97	3.56	3.90	5.17	3.87	4.21
	9	-	-	-	-	-	-	-	-	-	1.15	1.15	1.15	2.59	2.59	2.59	3.89	3.49	3.83
IZLCB 36MRVH-CW	4	5.51	4.22	4.59	6.49	4.50	4.87	7.40	5.12	5.49	8.33	5.36	5.73	9.42	5.63	6.00	10.51	5.89	6.26
	5	4.97	4.00	4.37	6.01	4.32	4.69	6.97	4.96	5.33	7.93	5.21	5.58	9.05	5.50	5.87	10.17	5.76	6.13
	6	4.23	3.72	4.09	5.42	4.10	4.47	6.53	4.80	5.17	7.53	5.06	5.43	8.55	5.31	5.68	9.71	5.60	5.97
	7	3.21	3.21	3.21	4.60	3.79	4.16	5.87	4.55	4.92	7.06	4.89	5.26	8.12	5.16	5.53	9.24	5.43	5.80
	8	1.92	1.92	1.92	3.51	3.40	3.51	5.00	4.24	4.61	6.40	4.66	5.03	7.56	4.97	5.34	8.63	5.22	5.59
IZLCB 48MRVH-CW	9	-	-	-	2.16	2.16	2.16	3.83	3.83	3.83	5.47	4.33	4.70	6.77	4.69	5.06	8.13	5.05	5.42
	4	6.60	5.09	5.54	7.69	5.40	5.85	8.91	6.20	6.65	10.26	6.56	7.01	11.44	6.83	7.28	12.95	7.20	7.65
	5	5.93	4.83	5.28	7.08	5.17	5.62	8.29	5.96	6.41	9.61	6.32	6.77	10.86	6.62	7.08	12.21	6.94	7.39
	6	5.07	4.51	4.96	6.40	4.91	5.37	7.69	5.74	6.19	9.03	6.11	6.56	10.28	6.42	6.87	11.61	6.73	7.18
	7	4.03	4.03	4.03	5.49	4.58	5.04	6.95	5.47	5.93	8.34	5.87	6.32	9.71	6.22	6.67	11.10	6.55	7.01
IZLCB 50MRVH-CW	8	2.77	2.77	2.77	4.41	4.19	4.41	6.02	5.14	5.60	7.56	5.59	6.05	9.04	5.99	6.44	10.53	6.36	6.81
	9	1.21	1.21	1.21	3.05	3.05	3.05	4.78	4.72	4.78	6.48	5.22	5.67	8.15	5.68	6.14	9.80	6.11	6.56
	4	7.31	5.54	6.01	8.53	5.89	6.37	9.91	6.77	7.25	11.31	7.15	7.63	12.41	7.40	7.88	13.82	7.72	8.20
	5	6.70	5.29	5.77	8.01	5.69	6.17	9.30	6.53	7.01	10.73	6.93	7.41	12.01	7.25	7.73	13.55	7.62	8.10
	6	5.96	5.01	5.48	7.40	5.46	5.93	8.69	6.30	6.78	10.09	6.70	7.17	11.38	7.01	7.49	12.82	7.36	7.83
IZLCB 50MRVH-CW	7	5.00	4.64	5.00	6.57	5.14	5.62	8.07	6.07	6.55	9.53	6.49	6.96	10.87	6.83	7.30	12.26	7.16	7.64
	8	3.77	3.77	3.77	5.53	4.76	5.24	7.25	5.77	6.25	8.84	6.23	6.71	10.30	6.62	7.10	11.78	6.99	7.47
	9	2.30	2.30	2.30	4.24	4.24	4.24	6.20	5.40	5.88	7.92	5.91	6.39	9.54	6.35	6.83	11.15	6.77	7.25
	4	9.49	7.19	7.68	10.98	7.80	8.30	12.46	8.89	9.35	13.84	9.48	9.89	15.52	9.95	10.42	17.21	10.47	10.95
	5	8.43	6.52	6.97	9.93	7.15	7.63	11.43	8.26	8.75	12.92	8.86	9.35	14.69	9.46	9.95	16.46	10.04	10.53
IZLCB 50MRVH-CW	6	7.06	5.66	6.10	8.73	6.41	6.87	10.34	7.58	8.03	11.94	8.26	8.73	13.75	8.90	9.37	15.55	9.51	9.99
	7	5.37	4.66	5.05	7.24	5.54	5.96	8.91	6.73	7.16	10.49	7.43	7.87	12.36	8.12	8.58	14.19	8.77	9.23
	8	4.08	3.12	3.52	5.82	4.74	5.13	7.72	6.05	6.45	9.42	6.83	7.25	11.38	7.59	8.03	13.27	8.29	8.73
	9	2.90	2.21	2.73	4.60	3.51	4.06	6.25	5.21	5.59	8.20	6.14	6.54	10.30	7.00	7.42	12.27	7.76	8.19

PERFORMANCE DATA



**COOLING CAPACITY IN KW AT TURBO FAN SPEED (4-Pipe)
7°C WATER TEMP.**

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MRVH-CWB	4	1.74	1.51	1.62	2.07	1.66	1.78	2.39	1.93	2.05	2.71	2.07	2.19	3.09	2.22	2.34	3.48	2.36	2.48
	5	1.28	0.98	1.05	1.66	1.42	1.52	2.02	1.70	1.81	2.35	1.85	1.97	2.74	2.01	2.12	3.13	2.15	2.27
	6	0.98	0.87	0.96	1.34	1.06	1.30	1.58	1.13	1.21	1.99	1.63	1.74	2.42	1.81	1.92	2.83	1.98	2.09
	7	0.93	0.84	0.91	1.02	0.91	1.00	1.34	1.03	1.14	1.02	0.87	0.94	1.98	1.55	1.65	2.45	1.76	1.86
	8	0.88	0.79	0.86	0.95	0.85	0.94	1.11	0.73	1.08	0.91	0.80	0.87	1.11	0.87	0.94	2.03	1.52	1.62
IZLC 13MRVH-CWB	4	2.29	1.91	2.05	2.71	2.05	2.25	3.11	2.43	2.57	3.51	2.60	2.75	3.99	2.78	2.93	4.47	2.95	3.10
	5	1.34	1.11	1.21	2.25	1.82	1.95	2.69	2.16	2.29	3.11	2.35	2.49	3.60	2.54	2.68	4.08	2.72	2.86
	6	1.14	0.98	1.07	1.39	1.08	1.18	1.64	1.28	1.37	2.70	2.10	2.23	3.23	2.32	2.45	3.74	2.52	2.65
	7	0.95	0.83	0.92	1.17	0.98	1.03	1.42	1.14	1.23	1.67	1.24	1.34	2.73	2.02	2.15	3.31	2.27	2.40
	8	0.83	0.71	0.81	1.01	0.84	0.92	1.26	1.04	1.13	1.51	1.15	1.24	1.80	1.24	1.34	2.10	1.64	1.76
IZLC 18MRVH-CWB	4	2.87	2.41	2.58	3.38	2.64	2.81	3.86	3.04	3.21	4.35	3.25	3.43	4.93	3.46	3.64	5.52	3.67	3.85
	5	2.32	2.04	2.20	2.86	2.31	2.47	3.43	2.75	2.91	3.97	3.00	3.15	4.53	3.21	3.38	5.11	3.42	3.60
	6	1.30	1.16	1.27	2.26	1.94	2.09	2.90	2.41	2.56	3.45	2.67	2.83	4.07	2.93	3.09	4.68	3.16	3.33
	7	1.13	0.99	1.10	1.33	1.12	1.22	1.62	1.35	1.46	2.82	2.29	2.44	3.55	2.61	2.77	4.20	2.88	3.04
	8	1.04	0.87	0.99	1.14	1.00	1.10	1.43	1.23	1.34	1.71	1.35	1.46	2.97	2.28	2.43	3.75	2.63	2.78
IZLC 24MRVH-CWB	4	3.39	2.98	3.19	3.98	3.26	3.48	4.55	3.75	3.97	5.13	4.01	4.24	5.82	4.28	4.50	6.51	4.54	4.76
	5	2.78	2.56	2.76	3.40	2.87	3.07	4.01	3.37	3.59	4.60	3.66	3.87	5.29	3.93	4.15	5.97	4.19	4.41
	6	1.60	1.44	1.58	2.78	2.46	2.65	3.45	3.00	3.20	4.07	3.31	3.51	4.80	3.62	3.82	5.51	3.90	4.11
	7	1.40	1.25	1.32	1.43	1.27	1.40	2.62	1.90	2.04	3.42	2.88	3.07	4.21	3.25	3.44	4.96	3.57	3.76
	8	1.15	1.03	1.13	1.28	1.13	1.26	1.53	1.40	1.52	1.84	1.54	1.67	3.64	2.90	3.08	4.47	3.27	3.46
IZLCB 26MRVH-CW	4	3.68	3.33	3.67	4.55	3.58	3.92	5.36	4.14	4.48	6.17	4.35	4.69	6.92	4.51	4.85	7.82	4.71	5.05
	5	2.80	2.80	2.80	3.81	3.32	3.66	4.72	3.92	4.26	5.64	4.17	4.51	6.47	4.36	4.70	7.34	4.56	4.90
	6	1.65	1.65	1.65	2.79	2.79	2.79	3.84	3.62	3.84	4.90	3.92	4.26	5.86	4.16	4.50	6.84	4.40	4.74
	7	0.27	0.27	0.27	1.50	1.50	1.50	2.78	2.78	2.78	3.92	3.60	3.92	5.02	3.89	4.23	6.16	4.18	4.52
	8	-	-	-	-	-	-	1.43	1.43	1.43	2.69	2.69	2.69	3.97	3.56	3.90	5.17	3.87	4.21
IZLCB 32MRVH-CW	4	5.51	4.22	4.59	6.49	4.50	4.87	7.40	5.12	5.49	8.33	5.36	5.73	9.42	5.63	6.00	10.51	5.89	6.26
	5	4.97	4.00	4.37	6.01	4.32	4.69	6.97	4.96	5.33	7.93	5.21	5.58	9.05	5.50	5.87	10.17	5.76	6.13
	6	4.23	3.72	4.09	5.42	4.10	4.47	6.53	4.80	5.17	7.53	5.06	5.43	8.55	5.31	5.68	9.71	5.60	5.97
	7	3.21	3.21	3.21	4.60	3.79	4.16	5.87	4.55	4.92	7.06	4.89	5.26	8.12	5.16	5.53	9.24	5.43	5.80
	8	1.92	1.92	1.92	3.51	3.40	3.51	5.00	4.24	4.61	6.40	4.66	5.03	7.56	4.97	5.34	8.63	5.22	5.59
IZLCB 36MRVH-CW	4	6.60	5.09	5.54	7.69	5.40	5.85	8.91	6.20	6.65	10.26	6.56	7.01	11.44	6.83	7.28	12.95	7.20	7.65
	5	5.93	4.83	5.28	7.08	5.17	5.62	8.29	5.96	6.41	9.61	6.32	6.77	10.86	6.62	7.08	12.21	6.94	7.39
	6	5.07	4.51	4.96	6.40	4.91	5.37	7.69	5.74	6.19	9.03	6.11	6.56	10.28	6.42	6.87	11.61	6.73	7.18
	7	4.03	4.03	4.03	5.49	4.58	5.04	6.95	5.47	5.93	8.34	5.87	6.32	9.71	6.22	6.67	11.10	6.55	7.01
	8	2.77	2.77	2.77	4.41	4.19	4.41	6.02	5.14	5.60	7.56	5.59	6.05	9.04	5.99	6.44	10.53	6.36	6.81
IZLCB 48MRVH-CW	4	7.31	5.54	6.01	8.53	5.89	6.37	9.91	6.77	7.25	11.31	7.15	7.63	12.41	7.40	7.88	13.82	7.72	8.20
	5	6.70	5.29	5.77	8.01	5.69	6.17	9.30	6.53	7.01	10.73	6.93	7.41	12.01	7.25	7.73	13.55	7.62	8.10
	6	5.96	5.01	5.48	7.40	5.46	5.93	8.69	6.30	6.78	10.09	6.70	7.17	11.38	7.01	7.49	12.82	7.36	7.83
	7	5.00	4.64	5.00	6.57	5.14	5.62	8.07	6.07	6.55	9.53	6.49	6.96	10.87	6.83	7.30	12.26	7.16	7.64
	8	3.77	3.77	3.77	5.53	4.76	5.24	7.25	5.77	6.25	8.84	6.23	6.71	10.30	6.62	7.10	11.78	6.99	7.47
IZLCB 50MRVH-CW	4	9.49	7.19	7.68	10.98	7.80	8.30	12.46	8.89	9.35	13.84	9.48	9.89	15.52	9.95	10.42	17.21	10.47	10.95
	5	8.43	6.52	6.97	9.93	7.15	7.63	11.43	8.26	8.75	12.92	8.86	9.35	14.69	9.46	9.95	16.46	10.04	10.53
	6	7.06	5.66	6.10	8.73	6.41	6.87	10.34	7.58	8.03	11.94	8.26	8.73	13.75	8.90	9.37	15.55	9.51	9.99
	7	5.37	4.66	5.05	7.24	5.54	5.96	8.91	6.73	7.16	10.49	7.43	7.87	12.36	8.12	8.58	14.19	8.77	9.23
	8	4.08	3.12	3.52	5.82	4.74	5.13	7.72	6.05	6.45	9.42	6.83	7.25	11.38	7.59	8.03	13.27	8.29	8.73
9	2.90	2.21	2.73	4.60	3.51	4.06	6.25	5.21	5.59	8.20	6.14	6.54	10.30	7.00	7.42	12.27	7.76	8.19	

PERFORMANCE DATA



COOLING CAPACITY IN KW AT TURBO FAN SPEED (2 Pipe)

8°C WATER TEMP

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C CWB			18°C CWB			19°C CWB			20°C CWB			21°C CWB			22°C CWB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	29DB
IZLC 10MPVC/H-CWB	4	1.55	1.21	1.32	2.04	1.68	1.81	2.47	2.01	2.14	2.88	2.20	2.33	3.37	2.38	2.52	3.86	2.55	2.69
	5	1.11	1.00	1.09	1.21	1.09	1.18	1.93	1.41	1.51	2.42	1.92	2.05	2.95	2.14	2.27	3.46	2.33	2.46
	6	1.04	0.93	1.02	1.13	1.02	1.11	1.31	1.20	1.29	1.41	1.25	1.38	2.49	1.88	2.01	3.06	2.11	2.24
	7	0.97	0.87	0.96	1.06	0.96	1.05	1.24	1.13	1.22	1.34	1.22	1.31	2.19	1.64	1.84	2.54	1.83	1.95
	8	0.91	0.82	0.90	1.00	0.90	0.99	1.18	1.07	1.16	1.27	1.16	1.24	1.36	1.28	1.33	1.08	0.98	1.08
	9	0.86	0.76	0.84	0.95	0.85	0.93	1.12	1.02	1.10	1.21	1.10	1.18	1.30	1.19	1.27	0.98	0.92	0.98
IZLC 13MPVC/H-CWB	4	2.28	2.05	2.21	2.92	2.35	2.52	3.50	2.79	2.96	4.06	3.03	3.21	4.71	3.27	3.46	5.37	3.50	3.69
	5	1.73	1.46	1.70	1.52	1.32	1.45	2.83	2.39	2.55	3.49	2.69	2.86	4.20	2.97	3.15	4.88	3.23	3.41
	6	1.62	1.37	1.59	1.32	1.11	1.20	1.61	1.44	1.57	1.90	1.55	1.68	3.63	2.66	2.82	4.39	2.96	3.13
	7	1.53	1.29	1.50	1.13	0.95	1.08	1.41	1.19	1.32	1.70	1.44	1.57	2.05	1.56	1.69	3.74	2.61	2.77
	8	1.44	1.22	1.42	1.07	0.90	1.06	1.36	1.25	1.35	1.51	1.34	1.45	1.85	1.46	1.58	2.23	1.89	2.04
IZLC 18MPVC/H-CWB	4	3.06	2.68	2.90	3.81	3.03	3.24	4.50	3.56	3.78	5.17	3.86	4.08	5.97	4.15	4.38	6.77	4.44	4.67
	5	2.53	2.12	2.40	2.98	2.54	2.74	3.81	3.14	3.35	4.55	3.49	3.70	5.40	3.82	4.04	6.23	4.13	4.35
	6	1.93	1.73	1.89	2.10	1.72	2.06	3.07	2.56	2.86	3.85	3.08	3.29	4.81	3.49	3.70	5.70	3.83	4.05
	7	1.81	1.62	1.78	1.97	1.84	1.94	2.30	2.16	2.26	1.92	1.72	1.88	4.03	3.05	3.25	5.07	3.49	3.69
	8	1.70	1.52	1.67	1.86	1.67	1.83	2.18	1.98	2.14	1.69	1.41	1.60	2.11	1.74	1.90	4.19	3.01	3.21
	9	1.59	1.41	1.57	1.76	1.57	1.72	2.07	1.88	2.03	1.60	1.34	1.50	1.59	1.33	1.53	1.95	1.64	1.79
IZLC 24MPVC/H-CWB	4	3.64	3.27	3.35	4.49	3.67	3.94	5.30	4.32	4.59	6.10	4.67	4.95	7.05	5.03	5.31	8.00	5.37	5.65
	5	2.51	2.06	2.25	3.60	3.12	3.37	4.52	3.83	4.08	5.37	4.23	4.49	6.37	4.63	4.89	7.35	5.00	5.27
	6	2.15	1.93	2.11	2.35	2.12	2.30	3.59	3.27	3.51	4.61	3.78	4.03	5.70	4.23	4.49	6.72	4.64	4.90
	7	2.01	1.80	1.98	2.20	1.98	2.16	2.58	2.34	2.53	3.40	3.08	3.32	4.89	3.76	4.01	6.02	4.24	4.49
	8	1.89	1.68	1.85	2.07	1.86	2.03	2.44	2.21	2.39	2.62	2.39	2.57	3.92	2.60	2.74	5.15	3.76	4.00
	9	1.77	1.57	1.74	1.95	1.74	1.91	2.31	2.09	2.26	2.49	2.27	2.44	2.68	2.45	2.62	2.05	1.87	2.03
IZLCB 26MPVC/H-CW	4	3.67	3.35	3.67	4.64	3.64	3.98	5.53	4.14	4.48	6.27	4.42	4.76	7.16	4.63	4.97	8.33	4.92	5.26
	5	2.94	2.94	2.94	4.03	3.42	3.76	5.02	4.05	4.40	5.82	4.26	4.60	6.78	4.50	4.84	7.78	4.73	5.08
	6	1.94	1.94	1.94	3.17	3.12	3.17	4.35	3.82	4.16	5.27	4.07	4.42	6.34	4.35	4.69	7.38	4.60	4.94
	7	0.71	0.71	0.71	2.10	2.10	2.10	3.39	3.39	3.39	4.54	3.82	4.17	5.73	4.15	4.49	6.92	4.45	4.80
	8	-	-	-	0.67	0.67	0.67	2.11	2.11	2.11	3.50	3.48	3.50	4.90	3.88	4.22	6.24	4.24	4.58
	9	-	-	-	-	-	-	0.60	0.60	0.60	2.20	2.20	2.20	3.69	3.50	3.69	5.25	3.92	4.27
IZLCB 32MPVC/H-CW	4	6.01	4.64	5.06	7.27	5.04	5.45	8.41	5.78	6.19	9.61	6.11	6.52	10.89	6.44	6.85	12.33	6.82	7.23
	5	5.36	4.39	4.80	6.70	4.82	5.23	7.95	5.60	6.01	9.15	5.93	6.34	10.41	6.26	6.67	11.91	6.66	7.07
	6	4.63	4.11	4.52	6.07	4.58	4.99	7.44	5.41	5.82	8.64	5.74	6.15	9.89	6.07	6.48	11.41	6.47	6.88
	7	3.84	3.81	3.84	5.32	4.30	4.71	6.72	5.14	5.55	8.01	5.51	5.92	9.24	5.83	6.24	10.84	6.26	6.67
	8	2.98	2.98	2.98	4.48	3.99	4.40	5.99	4.87	5.28	7.36	5.27	5.68	8.80	5.67	6.08	10.40	6.11	6.52
	9	1.98	1.98	1.98	3.53	3.53	3.53	5.04	4.53	4.94	6.66	5.02	5.43	8.17	5.45	5.86	9.90	5.93	6.34
IZLCB 36MPVC/H-CW	4	6.73	5.38	5.87	8.12	5.81	6.30	9.45	6.68	7.18	10.84	7.07	7.56	12.25	7.42	7.92	14.17	7.94	8.44
	5	6.10	5.14	5.63	7.51	5.57	6.06	8.91	6.48	6.97	10.31	6.86	7.36	11.71	7.22	7.71	13.47	7.68	8.18
	6	5.16	4.78	5.16	6.72	5.28	5.77	8.33	6.26	6.75	9.73	6.65	7.14	11.14	7.01	7.50	12.85	7.46	7.95
	7	3.92	3.92	3.92	5.74	4.91	5.40	7.70	6.03	6.52	9.02	6.39	6.88	10.56	6.80	7.30	12.33	7.27	7.76
	8	2.46	2.46	2.46	4.64	4.52	5.01	6.63	5.64	6.13	8.23	6.11	6.60	9.92	6.58	7.07	11.75	7.07	7.56
	9	0.72	0.72	0.72	3.06	3.06	3.06	5.40	5.20	5.40	7.20	5.74	6.24	9.07	6.28	6.77	10.98	6.80	7.29
IZLCB 48MPVC/H-CW	4	7.61	5.76	6.26	9.08	6.23	6.72	10.52	7.15	7.64	12.06	7.58	8.08	13.61	7.99	8.49	15.34	8.44	8.94
	5	6.90	5.48	5.98	8.51	5.97	6.49	9.95	6.92	7.41	11.51	7.37	7.86	13.05	7.77	8.27	14.87	8.26	8.75
	6	6.12	5.18	5.67	7.85	5.74	6.24	9.37	6.69	7.18	10.97	7.16	7.66	12.49	7.56	8.06	14.36	8.06	8.56
	7	5.24	4.84	5.24	7.14	5.47	5.96	8.82	6.49	6.98	10.36	6.93	7.43	11.96	7.36	7.86	13.78	7.85	8.35
	8	4.16	4.16	4.16	6.08	5.07	5.56	8.00	6.18	6.67	9.76	6.71	7.20	11.36	7.14	7.63	13.19	7.63	8.12
	9	2.88	2.88	2.88	4.97	4.66	4.97	7.02	5.81	6.31	8.82	6.36	6.85	10.73	6.91	7.40	12.60	7.41	7.91
IZLCB 50MPVC/H-CW	4	9.31	7.04	7.55	11.00	7.72	8.24	12.64	8.89	9.41	14.26	9.52	10.04	16.21	10.14	10.67	18.16	10.75	11.27
	5	7.92	6.20	6.67	9.71	6.96	7.45	11.47	8.20	8.69	13.18	8.88	9.38	15.20	9.58	10.09	17.21	10.22	10.74
	6	6.55	5.42	5.86	8.56	6.32	6.78	10.38	7.58	8.06	12.13	8.31	8.79	14.18	9.02	9.52	16.20	9.69	10.19
	7	4.29	3.75	4.19	7.11	5.52	5.96	9.16	6.90	7.36	11.04	7.72	8.19	13.20	8.50	9.01	15.29	9.23	9.71
	8	3.08	2.48	3.00	5.76	4.64	5.75	7.64	6.07	6.50	9.77	7.03	7.48	12.09	7.92	8.39	14.28	8.71	9.18
	9	1.60	1.29	1.60	4.20	3.08	4.02	6.45	5.20	6.40	8.19	6.18	6.61	10.08	7.24	7.70	13.15	8.13	8.59

PERFORMANCE DATA



**COOLING CAPACITY IN KW AT TURBO FAN SPEED (4-Pipe)
5°C WATER TEMP.**

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MRVH-CWB	4	2.18	1.79	1.90	2.50	1.93	2.05	2.82	2.19	2.31	3.13	2.33	2.45	3.51	2.47	2.59	3.89	2.61	2.73
	5	1.92	1.61	1.72	2.26	1.77	1.89	2.59	2.04	2.15	2.91	2.19	2.30	3.30	2.34	2.45	3.69	2.48	2.60
	6	0.95	0.83	0.90	1.97	1.58	1.69	2.34	1.87	1.98	2.68	2.03	2.14	3.08	2.19	2.30	3.47	2.34	2.46
	7	0.87	0.77	0.84	1.01	0.83	0.90	2.01	1.17	1.31	2.39	1.84	1.95	2.83	2.03	2.14	3.24	2.20	2.31
	8	0.80	0.71	0.78	0.92	0.77	0.85	1.08	0.91	0.98	1.24	0.96	1.04	2.26	1.71	1.82	2.74	1.92	2.02
IZLC 13MRVH-CWB	4	2.85	2.26	2.40	3.25	2.44	2.58	3.60	2.75	2.90	4.05	2.93	3.07	4.52	3.10	3.24	5.00	3.26	3.41
	5	2.55	2.06	2.19	2.98	2.26	2.40	3.40	2.58	2.72	3.80	2.76	2.91	4.29	2.94	3.09	4.77	3.12	3.26
	6	1.70	1.54	1.66	2.65	2.04	2.17	3.10	2.39	2.52	3.53	2.59	2.73	4.03	2.78	2.92	4.52	2.97	3.11
	7	1.40	1.10	1.20	1.65	1.47	1.59	2.73	2.15	2.32	3.21	2.38	2.52	3.75	2.60	2.74	4.26	2.80	2.94
	8	1.27	1.02	1.11	1.51	1.37	1.49	1.75	1.31	1.40	2.00	1.71	1.84	3.12	2.24	2.37	3.99	2.64	2.70
IZLC 18MRVH-CWB	4	3.55	2.83	3.00	4.05	3.05	3.22	4.53	3.44	3.62	5.01	3.65	3.83	5.90	3.86	4.04	6.17	4.06	4.24
	5	3.23	2.61	2.77	3.74	2.84	3.01	4.24	3.24	3.41	4.73	3.46	3.63	5.31	3.68	3.86	5.90	3.89	4.07
	6	2.84	2.34	2.50	3.39	2.61	2.78	3.92	3.03	3.19	4.42	3.26	3.43	5.03	3.49	3.67	5.62	3.72	3.89
	7	1.59	1.29	1.41	2.95	2.33	2.48	3.54	2.78	2.94	4.08	3.04	3.20	4.71	3.29	3.46	5.32	3.53	3.70
	8	1.43	1.20	1.31	1.71	1.31	1.43	1.99	1.53	1.65	3.71	2.79	2.95	4.36	3.07	3.23	5.00	3.33	3.49
IZLC 24MRVH-CWB	4	4.19	3.49	3.71	4.77	3.76	3.98	5.34	4.25	4.47	5.90	4.50	4.73	6.59	4.76	4.98	7.28	5.01	5.23
	5	3.82	3.23	3.44	4.42	3.51	3.73	5.00	4.00	4.22	5.57	4.27	4.49	6.26	4.54	4.76	6.96	4.80	5.02
	6	3.40	2.92	3.12	4.03	3.24	3.45	4.63	3.75	3.95	5.22	4.03	4.24	5.93	4.31	4.53	6.63	4.58	4.80
	7	2.82	2.53	2.71	3.57	2.93	3.12	4.22	3.46	3.66	4.84	3.77	3.97	5.57	4.07	4.28	6.28	4.36	4.57
	8	1.54	1.36	1.50	1.85	1.49	1.62	3.33	2.89	3.08	4.04	3.25	3.45	5.21	3.83	4.03	5.94	4.13	4.34
IZLCB 26MRVH-CW	4	4.55	3.65	3.99	5.39	3.89	4.23	6.16	4.43	4.77	6.99	4.64	4.98	7.82	4.82	5.16	8.72	5.01	5.35
	5	3.72	3.34	3.68	4.74	3.65	3.99	5.66	4.25	4.59	6.46	4.45	4.79	7.29	4.64	4.98	8.21	4.84	5.18
	6	2.65	2.65	2.65	3.85	3.33	3.67	4.92	3.99	4.33	5.87	4.25	4.59	6.81	4.48	4.82	7.79	4.70	5.04
	7	1.23	1.23	1.23	2.58	2.58	2.58	3.86	3.62	3.86	5.05	3.97	4.31	6.06	4.23	4.57	7.18	4.50	4.84
	8	-	-	-	1.15	1.15	1.15	2.56	2.56	2.56	3.97	3.61	3.95	5.13	3.93	4.27	6.41	4.26	4.60
IZLCB 32MRVH-CW	4	6.49	4.61	4.98	7.40	4.87	5.24	8.34	5.49	5.86	9.43	5.78	6.15	10.52	6.05	6.42	11.55	6.27	6.64
	5	6.01	4.41	4.78	6.97	4.69	5.06	7.93	5.33	5.70	9.06	5.64	6.01	10.18	5.92	6.29	11.14	6.12	6.49
	6	5.42	4.18	4.55	6.54	4.52	4.89	7.54	5.17	5.54	8.56	5.45	5.82	9.71	5.74	6.11	10.77	5.98	6.35
	7	4.60	3.86	4.23	5.88	4.27	4.64	7.07	4.99	5.36	8.12	5.28	5.65	9.24	5.57	5.94	10.32	5.82	6.19
	8	3.51	3.45	3.51	5.00	3.94	4.31	6.41	4.75	5.12	7.56	5.07	5.44	8.64	5.35	5.72	9.74	5.61	5.98
IZLCB 36MRVH-CW	4	7.70	5.52	5.98	8.92	5.88	6.33	10.26	6.71	7.16	11.44	7.00	7.46	12.96	7.40	7.85	14.11	7.62	8.08
	5	7.08	5.28	5.73	8.29	5.63	6.08	9.62	6.46	6.91	10.87	6.79	7.24	12.21	7.12	7.57	13.54	7.41	7.87
	6	6.40	5.01	5.47	7.69	5.40	5.85	9.04	6.24	6.70	10.29	6.57	7.03	11.62	6.90	7.35	12.89	7.18	7.63
	7	5.50	4.67	5.12	6.95	5.13	5.58	8.34	5.98	6.44	9.71	6.36	6.81	11.10	6.71	7.16	12.34	6.98	7.44
	8	4.41	4.26	4.41	6.02	4.78	5.23	7.56	5.69	6.14	9.05	6.11	6.57	10.53	6.51	6.96	11.71	6.77	7.22
IZLCB 48MRVH-CW	4	8.53	6.03	6.51	9.85	6.42	6.90	11.16	7.27	7.75	12.51	7.62	8.10	13.98	7.99	8.47	15.33	8.29	8.77
	5	8.01	5.82	6.30	9.22	6.17	6.65	10.61	7.05	7.53	12.02	7.43	7.91	13.41	7.77	8.25	14.87	8.12	8.60
	6	7.35	5.55	6.03	8.75	5.98	6.46	10.00	6.80	7.28	11.41	7.19	7.67	12.79	7.54	8.02	14.29	7.90	8.38
	7	6.51	5.21	5.69	8.10	5.73	6.20	9.53	6.63	7.11	10.86	6.98	7.46	12.25	7.33	7.81	13.73	7.69	8.17
	8	5.51	4.84	5.31	7.25	5.40	5.88	8.84	6.36	6.84	10.25	6.76	7.24	11.71	7.13	7.61	13.10	7.46	7.94
IZLCB 50MRVH-CW	4	11.55	8.34	8.83	13.01	8.92	9.41	14.44	9.98	10.48	15.88	10.54	11.04	17.62	11.09	11.59	19.36	11.63	12.13
	5	10.83	7.88	8.37	12.32	8.49	8.98	13.78	9.57	10.06	15.23	10.14	10.63	16.98	1.72	11.21	18.74	11.27	11.77
	6	10.06	7.40	7.86	11.59	8.04	8.51	13.07	9.13	9.61	14.54	9.73	10.21	16.32	10.33	1.81	18.09	10.91	11.39
	7	9.21	6.86	7.31	10.79	7.55	8.01	12.32	8.67	9.13	13.82	9.39	9.76	15.62	9.92	10.40	17.42	10.54	11.00
	8	8.26	6.27	6.70	9.92	7.03	7.47	11.51	8.17	8.63	13.07	8.83	9.30	14.94	8.50	9.99	16.76	10.14	10.62
9	6.27	5.12	5.52	8.27	6.05	6.48	10.04	7.30	7.73	11.66	8.02	8.46	13.57	8.73	9.19	15.44	9.40	9.86	

PERFORMANCE DATA



**COOLING CAPACITY IN KW AT TURBO SPEED(4-Pipe)
6°C ENTERING WATER TEMPERATURE**

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MRVH-CWB	4	1.96	1.65	1.76	2.29	1.80	1.92	2.60	2.06	2.18	2.92	2.20	2.32	3.30	2.35	2.46	3.68	2.48	2.60
	5	1.68	1.46	1.57	2.04	1.63	1.74	2.37	1.91	2.02	0.70	2.06	2.17	3.09	2.21	2.32	3.48	2.35	2.47
	6	0.87	0.77	0.85	1.00	0.83	0.91	1.92	1.63	1.73	2.28	1.80	1.91	2.68	1.96	2.07	3.09	2.12	2.23
	7	0.75	0.67	0.71	0.90	0.77	0.85	1.06	0.91	0.99	1.92	1.59	1.69	2.41	1.80	1.91	2.83	1.97	2.08
	8	0.64	0.58	0.62	0.77	0.68	0.75	0.92	0.82	0.89	1.07	0.88	0.96	1.26	0.95	1.02	2.41	1.73	1.83
IZLC 13MRVH-CWB	4	2.57	2.09	2.23	2.98	2.27	2.41	3.38	2.59	2.74	3.78	2.76	2.91	4.25	2.94	3.08	4.73	3.10	3.25
	5	2.26	1.87	2.00	2.70	2.09	2.22	3.12	2.42	2.55	3.53	2.60	2.74	4.02	2.79	2.93	4.50	2.96	3.10
	6	1.37	1.10	1.20	2.36	1.86	1.98	2.82	2.22	2.35	3.25	2.42	2.56	3.76	2.62	2.76	4.26	2.81	2.95
	7	1.23	1.02	1.11	1.47	1.11	1.21	1.72	1.31	1.41	2.66	2.07	2.20	3.25	2.32	2.46	3.78	2.53	2.67
	8	1.02	0.88	0.96	1.26	0.99	1.08	1.51	1.18	1.27	1.76	1.28	1.37	2.06	1.68	1.80	3.30	2.26	2.39
IZLC 18MRVH-CWB	4	3.22	2.62	2.79	3.71	2.84	3.02	4.20	3.24	3.41	4.68	3.45	3.63	5.26	3.66	3.84	5.84	3.87	4.05
	5	2.88	2.39	2.55	3.40	2.64	2.80	3.90	3.04	3.21	4.39	3.26	3.43	4.99	3.48	3.66	5.58	3.70	3.87
	6	2.45	2.09	2.25	3.04	2.39	2.55	3.57	2.81	2.98	4.09	3.05	3.22	4.69	3.29	3.46	5.29	3.52	3.69
	7	1.39	1.20	1.31	1.68	1.31	1.43	2.89	2.39	2.55	3.48	2.68	2.84	4.13	2.95	3.11	4.76	3.20	3.37
	8	1.17	1.04	1.15	1.43	1.16	1.27	1.71	1.39	1.50	2.00	1.50	1.61	3.56	2.61	2.77	4.26	2.90	3.06
IZLC 24MRVH-CWB	4	3.79	3.24	3.45	4.37	3.51	3.73	4.95	4.00	4.22	5.51	4.26	4.48	6.20	4.52	4.74	6.89	4.77	4.99
	5	3.41	2.96	3.17	4.02	3.26	3.47	4.60	3.75	3.97	5.18	4.03	4.24	5.88	4.30	4.52	6.57	4.56	4.78
	6	2.96	2.64	2.84	3.62	2.98	3.18	4.23	3.49	3.69	4.83	3.78	3.99	5.54	4.07	4.28	6.25	4.35	4.57
	7	1.74	1.58	1.72	2.73	2.43	2.62	3.50	3.02	3.21	4.15	3.34	3.54	4.89	3.66	3.86	5.61	3.95	4.16
	8	0.54	1.37	1.50	1.54	1.32	1.45	1.85	1.58	1.71	3.41	2.88	3.06	4.27	3.27	3.46	5.05	3.61	3.80
SULCB 26MRVH-CW	4	4.11	3.49	3.83	4.90	3.71	4.05	5.74	4.28	4.62	6.54	4.48	4.82	7.44	4.69	5.03	8.27	4.86	5.20
	5	3.29	3.18	3.29	4.25	3.47	3.81	5.14	4.07	4.41	6.03	4.30	4.64	6.89	4.50	4.84	7.82	4.71	5.05
	6	2.11	2.11	2.11	3.31	3.15	3.31	4.42	3.82	4.16	5.38	4.08	4.42	6.34	4.32	4.66	7.34	4.56	4.90
	7	0.67	0.67	0.67	2.09	2.09	2.09	3.30	3.30	3.30	4.48	3.78	4.12	5.54	4.06	4.40	6.64	4.33	4.67
	8	-	-	-	0.69	0.69	0.69	2.02	2.02	2.02	3.33	3.33	3.33	4.56	3.75	4.09	5.77	4.06	4.40
IZLCB 32MRVH-CW	4	5.97	4.40	4.77	6.96	4.69	5.06	7.99	5.35	5.72	8.85	5.55	5.92	9.94	5.83	6.20	11.15	6.12	6.49
	5	5.48	4.20	4.57	6.49	4.51	4.88	7.53	5.17	5.54	8.53	5.43	5.80	9.62	5.71	6.08	10.71	5.96	6.33
	6	4.81	3.94	4.31	5.96	4.30	4.67	7.11	5.01	5.38	8.11	5.28	5.65	9.13	5.53	5.90	10.25	5.79	6.16
	7	3.92	3.61	3.92	5.27	4.04	4.41	6.50	4.79	5.16	7.62	5.10	5.47	8.66	5.35	5.72	9.76	5.62	5.99
	8	2.82	2.82	2.82	4.30	3.68	4.05	5.77	4.51	4.88	7.05	4.89	5.26	8.12	5.16	5.53	9.30	5.46	5.83
IZLCB 36MRVH-CW	4	7.15	5.31	5.76	8.33	5.65	6.10	9.58	6.44	6.90	10.90	6.80	7.25	12.11	7.08	7.53	13.59	7.43	7.88
	5	6.54	5.07	5.52	7.77	5.43	5.88	9.01	6.23	6.69	10.18	6.53	6.98	11.49	6.85	7.30	12.93	7.20	7.65
	6	5.77	4.77	5.22	7.11	5.18	5.64	8.46	6.03	6.48	9.61	6.32	6.77	10.90	6.64	7.09	12.19	6.93	7.38
	7	4.71	4.37	4.71	6.32	4.89	5.34	7.76	5.77	6.22	9.04	6.11	6.56	10.38	6.46	6.91	11.66	6.75	7.20
	8	3.33	3.33	3.33	5.23	4.48	4.94	6.76	5.41	5.86	8.20	5.81	6.27	9.74	6.23	6.68	11.17	6.58	7.03
IZLCB 48MRVH-CW	4	7.88	5.77	6.24	9.24	6.18	6.66	10.58	7.03	7.51	11.79	7.34	7.82	13.20	7.69	8.17	14.42	7.95	8.43
	5	7.34	5.55	6.03	8.67	5.95	6.43	9.94	6.78	7.26	11.27	7.14	7.62	12.77	7.53	8.01	14.15	7.85	8.33
	6	6.69	5.29	5.77	8.17	5.75	6.23	9.42	6.58	7.06	10.71	6.93	7.41	12.04	7.26	7.73	13.52	7.61	8.09
	7	5.83	4.95	5.43	7.40	5.46	5.93	8.86	6.37	6.85	10.27	6.76	7.24	11.55	7.07	7.55	13.01	7.43	7.90
	8	4.74	4.55	4.74	6.43	5.09	5.57	8.02	6.05	6.53	9.53	6.49	6.97	11.02	6.88	7.36	12.43	7.21	7.69
IZLCB 50MRVH-CW	4	10.52	7.77	8.26	12.00	8.36	8.85	13.44	9.43	9.92	14.88	9.99	10.49	16.62	10.55	11.05	18.37	11.09	11.59
	5	9.79	7.30	7.78	11.30	7.92	8.41	12.76	9.01	9.49	14.22	9.59	10.08	15.98	10.17	10.66	17.74	10.73	11.23
	6	8.99	6.79	7.25	10.54	7.46	7.93	12.06	8.57	9.04	13.56	9.18	9.67	15.35	9.80	10.25	17.06	10.34	10.78
	7	7.62	5.94	6.39	9.25	6.68	7.13	10.83	7.83	8.29	12.37	8.48	8.95	14.19	9.13	9.60	16.01	9.75	10.22
	8	5.76	4.85	5.25	7.65	5.74	6.15	9.32	6.92	7.34	10.97	7.65	8.09	13.06	8.45	8.92	14.91	9.12	9.58
9	4.70	3.59	4.30	5.45	4.51	4.88	7.57	5.91	6.31	9.37	6.74	7.16	11.40	7.54	7.97	13.33	8.27	8.71	

PERFORMANCE DATA



**COOLING CAPACITY IN KW AT TURBO FAN SPEED (4-Pipe)
7°C WATER TEMP.**

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MRVH-CWB	4	1.74	1.51	1.62	2.07	1.66	1.78	2.39	1.93	2.05	2.71	2.07	2.19	3.09	2.22	2.34	3.48	2.36	2.48
	5	1.28	0.98	1.05	1.66	1.42	1.52	2.02	1.70	1.81	2.35	1.85	1.97	2.74	2.01	2.12	3.13	2.15	2.27
	6	0.98	0.87	0.96	1.34	1.06	1.30	1.58	1.13	1.21	1.99	1.63	1.74	2.42	1.81	1.92	2.83	1.98	2.09
	7	0.93	0.84	0.91	1.02	0.91	1.00	1.34	1.03	1.14	1.02	0.87	0.94	1.98	1.55	1.65	2.45	1.76	1.86
	8	0.88	0.79	0.86	0.95	0.85	0.94	1.11	0.73	1.08	0.91	0.80	0.87	1.11	0.87	0.94	2.03	1.52	1.62
IZLC 13MRVH-CWB	4	2.29	1.91	2.05	2.71	2.05	2.25	3.11	2.43	2.57	3.51	2.60	2.75	3.99	2.78	2.93	4.47	2.95	3.10
	5	1.34	1.11	1.21	2.25	1.82	1.95	2.69	2.16	2.29	3.11	2.35	2.49	3.60	2.54	2.68	4.08	2.72	2.86
	6	1.14	0.98	1.07	1.39	1.08	1.18	1.64	1.28	1.37	2.70	2.10	2.23	3.23	2.32	2.45	3.74	2.52	2.65
	7	0.95	0.83	0.92	1.17	0.98	1.03	1.42	1.14	1.23	1.67	1.24	1.34	2.73	2.02	2.15	3.31	2.27	2.40
	8	0.83	0.71	0.81	1.01	0.84	0.92	1.26	1.04	1.13	1.51	1.15	1.24	1.80	1.24	1.34	2.10	1.64	1.76
IZLC 18MRVH-CWB	4	2.87	2.41	2.58	3.38	2.64	2.81	3.86	3.04	3.21	4.35	3.25	3.43	4.93	3.46	3.64	5.52	3.67	3.85
	5	2.32	2.04	2.20	2.86	2.31	2.47	3.43	2.75	2.91	3.97	3.00	3.15	4.53	3.21	3.38	5.11	3.42	3.60
	6	1.30	1.16	1.27	2.26	1.94	2.09	2.90	2.41	2.56	3.45	2.67	2.83	4.07	2.93	3.09	4.68	3.16	3.33
	7	1.13	0.99	1.10	1.33	1.12	1.22	1.62	1.35	1.46	2.82	2.29	2.44	3.55	2.61	2.77	4.20	2.88	3.04
	8	1.04	0.87	0.99	1.14	1.00	1.10	1.43	1.23	1.34	1.71	1.35	1.46	2.97	2.28	2.43	3.75	2.63	2.78
IZLC 24MRVH-CWB	4	3.39	2.98	3.19	3.98	3.26	3.48	4.55	3.75	3.97	5.13	4.01	4.24	5.82	4.28	4.50	6.51	4.54	4.76
	5	2.78	2.56	2.76	3.40	2.87	3.07	4.01	3.37	3.59	4.60	3.66	3.87	5.29	3.93	4.15	5.97	4.19	4.41
	6	1.60	1.44	1.58	2.78	2.46	2.65	3.45	3.00	3.20	4.07	3.31	3.51	4.80	3.62	3.82	5.51	3.90	4.11
	7	1.40	1.25	1.32	1.43	1.27	1.40	2.62	1.90	2.04	3.42	2.88	3.07	4.21	3.25	3.44	4.96	3.57	3.76
	8	1.15	1.03	1.13	1.28	1.13	1.26	1.53	1.40	1.52	1.84	1.54	1.67	3.64	2.90	3.08	4.47	3.27	3.46
IZLCB 26MRVH-CW	4	3.68	3.33	3.67	4.55	3.58	3.92	5.36	4.14	4.48	6.17	4.35	4.69	6.92	4.51	4.85	7.82	4.71	5.05
	5	2.80	2.80	2.80	3.81	3.32	3.66	4.72	3.92	4.26	5.64	4.17	4.51	6.47	4.36	4.70	7.34	4.56	4.90
	6	1.65	1.65	1.65	2.79	2.79	2.79	3.84	3.62	3.84	4.90	3.92	4.26	5.86	4.16	4.50	6.84	4.40	4.74
	7	0.27	0.27	0.27	1.50	1.50	1.50	2.78	2.78	2.78	3.92	3.60	3.92	5.02	3.89	4.23	6.16	4.18	4.52
	8	-	-	-	-	-	-	1.43	1.43	1.43	2.69	2.69	2.69	3.97	3.56	3.90	5.17	3.87	4.21
IZLCB 32MRVH-CW	4	5.51	4.22	4.59	6.49	4.50	4.87	7.40	5.12	5.49	8.33	5.36	5.73	9.42	5.63	6.00	10.51	5.89	6.26
	5	4.97	4.00	4.37	6.01	4.32	4.69	6.97	4.96	5.33	7.93	5.21	5.58	9.05	5.50	5.87	10.17	5.76	6.13
	6	4.23	3.72	4.09	5.42	4.10	4.47	6.53	4.80	5.17	7.53	5.06	5.43	8.55	5.31	5.68	9.71	5.60	5.97
	7	3.21	3.21	3.21	4.60	3.79	4.16	5.87	4.55	4.92	7.06	4.89	5.26	8.12	5.16	5.53	9.24	5.43	5.80
	8	1.92	1.92	1.92	3.51	3.40	3.51	5.00	4.24	4.61	6.40	4.66	5.03	7.56	4.97	5.34	8.63	5.22	5.59
IZLCB 36MRVH-CW	4	6.60	5.09	5.54	7.69	5.40	5.85	8.91	6.20	6.65	10.26	6.56	7.01	11.44	6.83	7.28	12.95	7.20	7.65
	5	5.93	4.83	5.28	7.08	5.17	5.62	8.29	5.96	6.41	9.61	6.32	6.77	10.86	6.62	7.08	12.21	6.94	7.39
	6	5.07	4.51	4.96	6.40	4.91	5.37	7.69	5.74	6.19	9.03	6.11	6.56	10.28	6.42	6.87	11.61	6.73	7.18
	7	4.03	4.03	4.03	5.49	4.58	5.04	6.95	5.47	5.93	8.34	5.87	6.32	9.71	6.22	6.67	11.10	6.55	7.01
	8	2.77	2.77	2.77	4.41	4.19	4.41	6.02	5.14	5.60	7.56	5.59	6.05	9.04	5.99	6.44	10.53	6.36	6.81
IZLCB 48MRVH-CW	4	7.31	5.54	6.01	8.53	5.89	6.37	9.91	6.77	7.25	11.31	7.15	7.63	12.41	7.40	7.88	13.82	7.72	8.20
	5	6.70	5.29	5.77	8.01	5.69	6.17	9.30	6.53	7.01	10.73	6.93	7.41	12.01	7.25	7.73	13.55	7.62	8.10
	6	5.96	5.01	5.48	7.40	5.46	5.93	8.69	6.30	6.78	10.09	6.70	7.17	11.38	7.01	7.49	12.82	7.36	7.83
	7	5.00	4.64	5.00	6.57	5.14	5.62	8.07	6.07	6.55	9.53	6.49	6.96	10.87	6.83	7.30	12.26	7.16	7.64
	8	3.77	3.77	3.77	5.53	4.76	5.24	7.25	5.77	6.25	8.84	6.23	6.71	10.30	6.62	7.10	11.78	6.99	7.47
IZLCB 50MRVH-CW	4	9.49	7.19	7.68	10.98	7.80	8.30	12.46	8.89	9.35	13.84	9.48	9.89	15.52	9.95	10.42	17.21	10.47	10.95
	5	8.43	6.52	6.97	9.93	7.15	7.63	11.43	8.26	8.75	12.92	8.86	9.35	14.69	9.46	9.95	16.46	10.04	10.53
	6	7.06	5.66	6.10	8.73	6.41	6.87	10.34	7.58	8.03	11.94	8.26	8.73	13.75	8.90	9.37	15.55	9.51	9.99
	7	5.37	4.66	5.05	7.24	5.54	5.96	8.91	6.73	7.16	10.49	7.43	7.87	12.36	8.12	8.58	14.19	8.77	9.23
	8	4.08	3.12	3.52	5.82	4.74	5.13	7.72	6.05	6.45	9.42	6.83	7.25	11.38	7.59	8.03	13.27	8.29	8.73
9	2.90	2.21	2.73	4.60	3.51	4.06	6.25	5.21	5.59	8.20	6.14	6.54	10.30	7.00	7.42	12.27	7.76	8.19	

PERFORMANCE DATA



COOLING CAPACITY IN KW AT TURBO FAN SPEED (4-Pipe)

8 degree water Temperature

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17°C WB			18°C WB			19°C WB			20°C WB			21°C WB			22°C WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
IZLC 10MPVCC/H-CWB	4	1.35	1.01	1.09	1.70	1.45	1.56	2.03	1.71	1.83	2.35	1.86	1.98	2.73	2.01	2.13	3.11	2.15	2.27
	5	0.96	0.87	0.94	1.25	0.93	1.00	1.67	1.48	1.59	2.03	1.66	1.77	2.43	1.83	1.94	2.82	1.98	2.09
	6	0.90	0.81	0.89	0.98	0.67	0.96	1.14	1.02	1.12	1.66	1.44	1.54	2.13	1.64	1.75	2.55	1.82	1.93
	7	0.85	0.76	0.84	0.93	0.60	0.91	1.08	1.01	1.06	1.35	1.21	1.27	1.70	1.11	1.19	2.22	1.63	1.73
	8	0.80	0.72	0.79	0.88	0.79	0.86	1.03	0.94	1.01	1.11	0.75	1.09	1.00	0.82	0.90	1.02	0.83	0.90
IZLC 13MPVCC/H-CWB	4	1.82	1.63	1.76	2.26	1.93	1.97	2.67	2.27	2.31	3.07	2.35	2.49	3.55	2.53	2.67	4.03	2.70	2.85
	5	1.08	0.96	1.05	1.32	1.06	1.16	2.26	1.91	2.03	2.70	2.12	2.25	3.21	2.32	2.45	3.70	2.51	2.65
	6	0.96	0.85	0.94	1.16	0.96	1.05	1.41	1.16	1.25	2.29	1.87	1.99	2.87	2.11	2.25	3.39	2.33	2.46
	7	0.85	0.73	0.84	1.00	0.85	0.94	1.25	1.05	1.14	1.50	1.16	1.25	1.78	1.25	1.35	3.02	2.11	2.24
	8	0.75	0.64	0.73	0.83	0.74	0.82	1.09	0.95	1.03	1.33	1.06	1.15	1.62	1.17	1.26	1.92	1.27	1.36
IZLC 18MPVCC/H-CWB	4	2.33	2.07	2.23	2.84	2.31	2.48	3.34	2.71	2.88	3.82	2.93	3.11	4.40	3.15	3.33	4.99	3.37	3.54
	5	1.28	1.13	1.25	2.34	1.99	2.14	2.89	2.42	2.58	3.41	2.67	2.83	4.01	2.91	3.08	4.61	3.14	3.31
	6	1.25	1.08	1.15	1.32	1.14	1.24	2.38	2.10	2.25	2.98	2.40	2.56	3.64	2.68	2.84	4.26	2.93	3.10
	7	1.10	0.90	0.99	1.13	1.01	1.12	1.42	1.25	1.35	1.69	1.36	1.47	3.18	2.41	2.57	3.86	2.70	2.86
	8	0.99	0.88	0.98	1.02	0.88	0.99	1.27	1.12	1.23	1.50	1.25	1.36	1.85	1.38	1.49	3.38	2.42	2.57
IZLC 24MPVCC/H-CWB	4	2.75	1.98	2.14	3.35	2.86	3.07	3.93	3.35	3.56	4.50	3.62	3.84	5.18	3.89	4.11	5.87	4.15	4.37
	5	2.08	1.62	1.76	2.79	2.48	2.67	3.41	3.00	3.20	4.01	3.30	3.50	4.72	3.59	3.80	5.42	3.87	4.08
	6	1.75	1.56	1.72	2.50	1.29	2.22	2.88	2.65	2.83	3.54	2.99	3.18	4.29	3.32	3.52	5.01	3.62	3.82
	7	1.65	1.48	1.62	1.80	1.15	1.77	2.04	1.83	2.02	2.95	2.61	2.79	3.80	3.01	3.20	4.56	3.35	3.54
	8	1.55	1.39	1.53	1.70	1.01	1.67	1.99	1.78	1.96	1.62	1.44	1.56	3.16	2.62	2.80	4.05	3.03	3.22
IZLC 26MPVCC/H-CW	4	2.88	2.88	2.88	3.91	3.36	3.70	4.79	3.94	4.28	5.55	4.14	4.48	6.41	4.34	4.68	7.34	4.56	4.90
	5	1.62	1.62	1.62	2.98	2.98	2.98	4.03	3.68	4.03	4.96	3.94	4.28	5.92	4.18	4.52	6.88	4.41	4.75
	6	0.38	0.38	0.38	1.73	1.73	1.73	3.02	3.02	3.02	4.09	3.65	3.99	5.23	3.96	4.30	6.34	4.24	4.58
	7	-	-	-	-	-	-	1.79	1.79	1.79	2.98	2.98	2.98	4.30	3.66	4.00	5.60	4.01	4.35
	8	-	-	-	-	-	-	0.20	0.20	0.20	1.61	1.61	1.61	3.12	3.12	3.12	4.48	3.66	4.00
IZLC 32MPVCC/H-CW	4	4.70	3.90	4.27	5.77	4.23	4.60	6.79	4.89	5.26	7.69	5.12	5.49	8.84	5.42	5.79	9.99	5.70	6.07
	5	4.05	3.65	4.02	5.20	4.02	4.39	6.28	4.70	5.07	7.29	4.97	5.34	8.36	5.25	5.62	9.61	5.56	5.93
	6	3.27	3.27	3.27	4.53	3.77	4.14	5.76	4.51	4.88	6.82	4.81	5.18	7.91	5.09	5.46	9.13	5.40	5.77
	7	2.17	2.17	2.17	3.63	3.44	3.63	4.93	4.21	4.58	6.23	4.60	4.97	7.40	4.91	5.28	8.67	5.24	5.61
	8	0.90	0.90	0.90	2.48	2.48	2.48	3.89	3.85	3.89	5.38	4.30	4.67	6.76	4.69	5.06	8.20	5.07	5.44
IZLC 36MPVCC/H-CW	4	5.64	4.72	5.18	6.85	5.09	5.54	8.10	5.89	6.34	9.22	6.18	6.63	10.69	6.56	7.01	12.17	6.93	7.38
	5	4.88	4.44	4.88	6.24	4.86	5.31	7.53	5.68	6.13	8.60	5.95	6.41	9.93	6.29	6.75	11.46	6.68	7.13
	6	3.96	3.96	3.96	5.40	4.55	5.00	6.86	5.44	5.89	8.11	5.78	6.23	9.41	6.11	6.57	10.91	6.49	6.94
	7	2.71	2.71	2.71	4.37	4.18	4.37	5.96	5.12	5.58	7.40	5.53	5.99	8.81	5.91	6.36	10.38	6.31	6.76
	8	1.28	1.28	1.28	3.07	3.07	3.07	4.92	4.76	4.92	6.40	5.19	5.65	7.91	5.60	6.06	9.73	6.09	6.54
IZLC 48MPVCC/H-CW	4	6.29	5.13	5.61	7.60	5.53	6.01	8.90	6.39	6.87	10.21	6.74	7.22	11.72	7.14	7.62	13.35	7.55	8.03
	5	5.62	4.88	5.35	7.01	5.31	5.79	8.36	6.18	6.66	9.69	6.54	7.02	11.05	6.89	7.37	12.60	7.28	7.76
	6	4.74	4.55	4.74	6.34	5.06	5.54	7.78	5.97	6.45	9.13	6.34	6.82	10.47	6.68	7.16	12.10	7.10	7.58
	7	3.70	3.70	3.70	5.45	4.73	5.21	7.08	5.71	6.19	8.52	6.12	6.60	9.97	6.50	6.98	11.56	6.91	7.39
	8	2.30	2.30	2.30	4.25	4.25	4.25	6.04	5.34	5.82	7.68	5.83	6.30	9.32	6.28	6.76	11.09	6.75	7.23
IZLC 50MPVCC/H-CW	4	8.02	6.33	6.80	9.53	6.96	7.45	10.99	8.05	8.52	12.41	8.62	9.11	14.14	9.18	9.68	15.85	9.73	10.23
	5	6.75	5.55	5.98	8.33	6.25	6.70	9.84	7.36	7.82	11.33	7.98	8.45	13.10	8.60	9.08	14.87	9.59	9.67
	6	5.55	4.82	5.23	7.28	5.63	6.06	8.88	6.79	7.23	10.42	7.46	7.92	12.25	8.13	8.59	14.05	8.75	9.22
	7	3.83	3.36	3.69	6.02	4.91	5.30	7.79	6.15	6.57	9.42	6.89	7.33	11.32	7.62	8.06	13.17	8.29	8.74
	8	2.97	2.27	2.80	4.23	3.43	3.75	6.48	5.39	5.78	8.29	6.25	6.66	10.30	7.06	7.49	12.23	7.78	8.22
9	1.68	1.28	1.62	2.54	2.06	2.25	4.62	3.83	4.14	6.95	5.49	5.88	9.17	6.43	6.84	11.20	7.23	7.66	

PERFORMANCE DATA



HEATING CAPACITY IN kW AT TURBO FAN SPEED (4-Pipe)

UNIT MODEL	Water flow rate l/h	Temp. diff. °K = Water entering temp.-Air entering temp.					
		20	30	40	50	60	70
IZLC 10MPVCC/H-CWB	100	1.17	1.76	2.48	3.41	4.29	5.08
	200	1.86	2.85	3.85	4.87	5.89	6.92
	300	2.12	3.22	4.34	5.46	6.58	7.72
	400	2.27	3.43	4.60	5.78	6.96	8.15
	500	2.36	3.56	4.77	5.98	7.20	8.42
	600	2.42	3.65	4.88	6.12	7.37	8.61
	700	2.46	3.71	4.97	6.23	7.49	8.75
IZLC 13MPVCC/H-CWB	200	2.03	3.42	4.69	5.98	7.27	8.55
	400	2.91	4.41	5.93	7.46	8.99	10.53
	600	3.16	4.77	6.39	8.02	9.64	11.28
	800	3.29	4.95	6.62	8.30	9.98	11.67
	1000	3.36	5.06	6.77	8.48	10.19	11.91
	1200	3.42	5.14	6.87	8.60	10.33	12.07
	1400	3.45	5.19	6.94	8.69	10.44	12.19
IZLC 18MPVCC/H-CWB	200	2.27	3.88	5.37	6.86	8.38	9.87
	400	3.47	5.27	7.09	8.94	10.78	12.64
	600	3.81	5.76	7.73	9.70	11.68	13.67
	800	3.99	6.01	8.05	10.09	12.14	14.19
	1000	4.09	6.16	8.24	10.33	12.42	14.51
	1200	4.16	6.26	8.37	10.49	12.61	14.73
	1400	4.21	6.33	8.47	10.60	12.74	14.88
IZLC 24MPVCC/H-CWB	300	3.46	5.32	7.19	9.11	11.03	12.96
	500	4.18	6.35	8.53	10.74	12.95	15.17
	700	4.52	6.83	9.16	11.50	13.85	16.20
	900	4.71	7.11	9.52	11.94	14.37	16.80
	1100	4.84	7.29	9.76	12.23	14.70	17.18
	1300	4.93	7.42	9.92	12.43	14.94	17.46
	1500	4.99	7.51	10.04	12.58	15.11	17.66
IZLC 26MPVCC/H-CW	309	3.36	5.06	6.78	8.50	10.22	11.91
	515	4.08	6.14	8.23	10.32	12.40	14.46
	722	4.40	6.62	8.87	11.13	13.38	15.59
	977	4.61	6.95	9.31	11.67	14.03	16.35
	1134	4.69	7.07	9.48	11.88	14.29	16.65
	1340	4.77	7.19	9.63	12.08	14.52	16.92
	1546	4.84	7.29	9.77	12.25	14.73	17.16
IZLC 32MPVCC/H-CW	515	5.51	8.30	11.13	13.95	16.78	19.55
	859	6.16	9.28	12.44	15.60	18.76	21.86
	1203	6.46	9.73	13.03	16.34	19.65	22.90
	1512	6.61	9.95	13.33	16.72	20.10	23.43
	1890	6.72	10.13	13.57	17.02	20.47	23.85
	2233	6.79	10.23	13.71	17.20	20.68	24.10
	2577	6.86	10.33	13.84	17.35	20.87	24.32
IZLC 36MPVCC/H-CW	515	6.07	9.14	12.25	15.36	18.47	21.53
	859	6.91	10.40	13.94	17.48	21.02	24.49
	1203	7.28	10.97	14.70	18.44	22.17	25.83
	1546	7.50	11.29	15.14	18.98	22.82	26.59
	1698	7.57	11.40	15.28	19.16	23.03	26.84
	2233	7.73	11.65	15.61	19.57	23.53	27.42
	2577	7.80	11.75	15.75	19.75	23.75	27.67
IZLC 48MPVCC/H-CW	515	6.43	9.68	12.98	16.28	19.57	22.81
	859	7.31	11.00	14.75	18.49	22.24	25.91
	1203	7.70	11.60	15.55	19.50	23.45	27.33
	1546	7.93	11.95	16.01	20.07	24.14	28.13
	1905	8.09	12.19	16.34	20.48	24.63	28.70
	2233	8.17	12.31	16.49	20.68	24.87	28.98
	2577	8.24	12.42	16.64	20.87	25.09	29.24
IZLC 50MPVCC/H-CW	1900	10.37	15.59	20.83	26.09	31.34	36.61
	2000	10.41	15.66	20.92	26.20	31.48	36.76
	2100	10.46	15.73	21.01	26.30	31.60	36.90
	2200	10.50	15.78	21.09	26.40	31.71	37.03
	2300	10.53	15.84	21.15	26.48	31.81	37.14
	2400	10.57	15.88	21.22	26.55	31.90	37.23
	2500	10.59	15.93	21.27	26.62	31.98	37.34

Remark : - Maximum operating temperature 80 °C

PERFORMANCE DATA



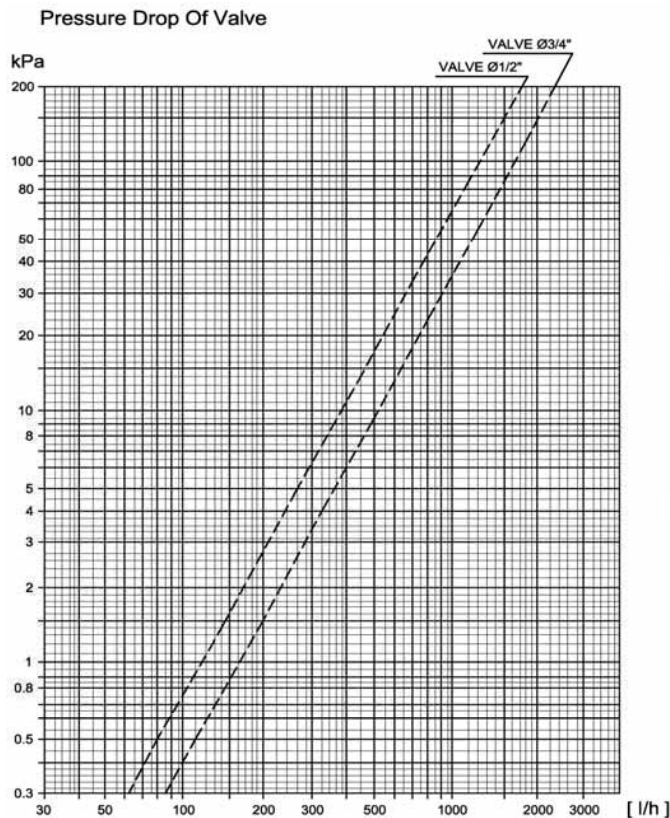
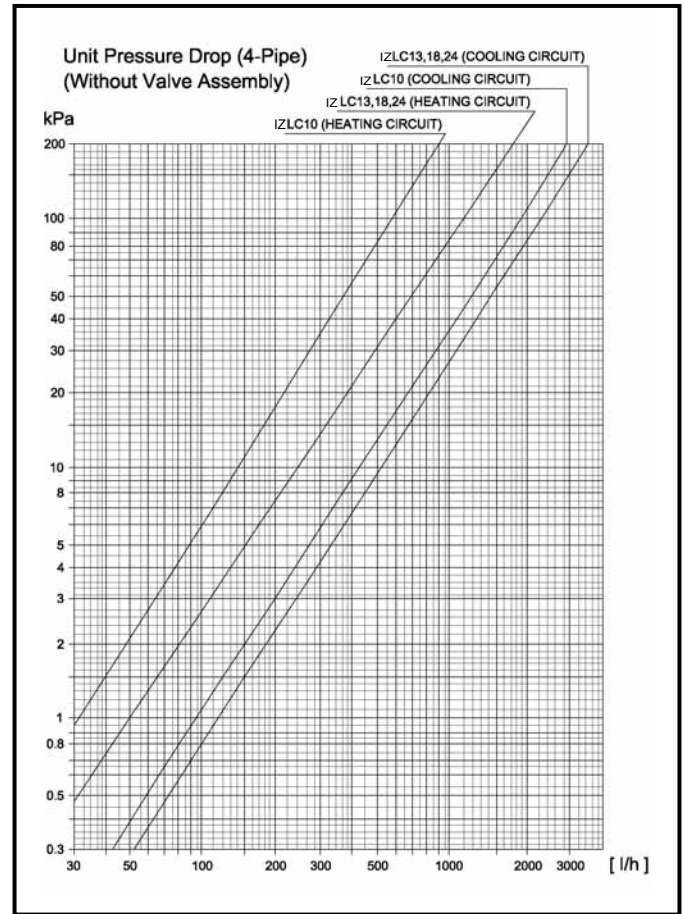
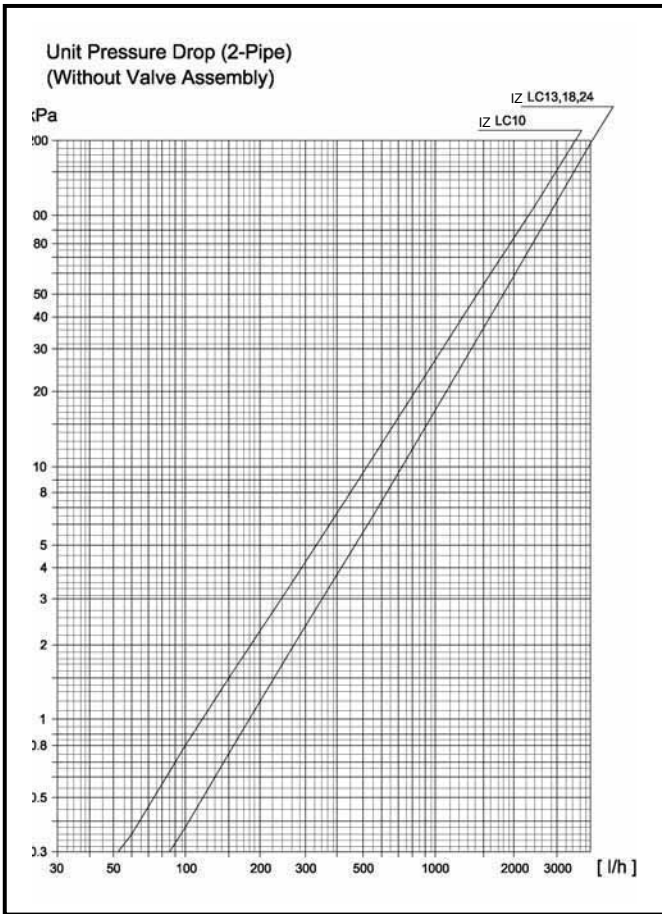
HEATING CAPACITY IN kW AT TURBO FAN SPEED (4-Pipe)

UNIT MODEL	Water flow rate l/h	Temp. diff. °K = Water entering temp.-Air entering temp.					
		20	30	40	50	60	70
IZLC 10MPVCC/H-CWB	90	0.49	0.75	1.00	1.25	1.50	1.76
	110	0.54	0.81	1.08	1.35	1.62	1.89
	130	0.57	0.85	1.14	1.42	1.71	2.00
	150	0.59	0.89	1.18	1.48	1.78	2.07
	180	0.61	0.92	1.23	1.55	1.86	2.17
	210	0.64	0.96	1.28	1.60	1.92	2.24
	250	0.66	0.99	1.32	1.65	1.98	2.31
IZLC 13MPVCC/H-CWB	110	1.02	1.54	2.06	2.58	3.10	3.62
	180	1.21	1.82	2.44	3.05	3.67	4.28
	250	1.31	1.97	2.63	3.30	3.96	4.62
	320	1.37	2.07	2.76	3.45	4.14	4.83
	400	1.42	2.14	2.85	3.57	4.28	5.00
	480	1.45	2.18	2.91	3.65	4.38	5.11
	560	1.48	2.22	2.96	3.70	4.44	5.19
IZLC 18MPVCC/H-CWB	140	1.23	1.85	2.47	3.10	3.73	4.35
	220	1.43	2.16	2.88	3.61	4.33	5.06
	300	1.55	2.32	3.10	3.88	4.66	5.44
	380	1.62	2.43	3.24	4.06	4.87	5.69
	470	1.67	2.51	3.35	4.19	5.03	5.86
	560	1.70	2.56	3.42	4.27	5.13	5.99
	650	1.73	2.60	3.47	4.34	5.21	6.08
IZLC 24MPVCC/H-CWB	200	1.60	2.42	3.23	4.04	4.86	5.67
	290	1.79	2.70	3.60	4.51	5.41	6.32
	380	1.91	2.87	3.83	4.79	5.75	6.71
	470	1.98	2.98	3.97	4.97	5.97	6.97
	560	2.03	3.06	4.08	5.10	6.13	7.15
	650	2.07	3.11	4.16	5.20	6.24	7.28
	740	2.10	3.16	4.21	5.27	6.33	7.38
IZLC 26MPVCC/H-CW	275	1.48	2.24	3.00	3.76	4.52	5.27
	309	1.58	2.38	3.20	4.01	4.82	5.61
	344	1.66	2.50	3.34	4.19	5.04	5.88
	378	1.72	2.59	3.48	4.36	5.24	6.11
	412	1.78	2.67	3.58	4.50	5.41	6.30
	480	1.86	2.80	3.76	4.71	5.66	6.60
	550	1.92	2.90	3.88	4.87	5.86	6.83
IZLC 32MPVCC/H-CW	344	2.04	3.08	4.12	5.17	6.22	7.24
	412	2.16	3.25	4.36	5.47	6.58	7.66
	480	2.26	3.41	4.57	5.73	6.88	8.02
	618	2.39	3.61	4.83	6.06	7.29	8.49
	756	2.48	3.74	5.01	6.28	7.55	8.80
	893	2.54	3.83	5.13	6.43	7.73	9.01
	1030	2.59	3.90	5.23	6.56	7.89	9.19
IZLC 36MPVCC/H-CW	344	2.34	3.52	4.72	5.92	7.12	8.30
	412	2.55	3.84	5.15	6.45	7.76	9.04
	480	2.70	4.07	5.46	6.85	8.23	9.59
	618	2.92	4.39	5.89	7.38	8.88	10.34
	756	3.05	4.59	6.15	7.71	9.27	10.80
	893	3.14	4.73	6.34	7.95	9.55	11.13
	1030	3.21	4.83	6.48	8.12	9.76	11.38
IZLC 48MPVCC/H-CW	344	2.58	3.89	5.21	6.53	7.86	9.15
	412	2.81	4.23	5.67	7.11	8.55	9.96
	480	2.98	4.48	6.01	7.54	9.06	10.56
	618	3.20	4.82	6.46	8.10	9.74	11.36
	756	3.34	5.04	6.75	8.46	10.18	11.86
	893	3.44	5.18	6.95	8.71	10.47	12.20
	1030	3.52	5.30	7.10	8.90	10.70	12.47
IZLC 50MPVCC/H-CW	750	4.92	7.45	9.99	12.56	15.13	17.71
	900	5.12	7.73	10.37	13.02	15.67	18.33
	1050	5.26	7.95	10.65	13.36	16.08	18.81
	1200	5.38	8.11	10.87	13.63	16.40	19.17
	1350	5.47	8.25	11.04	13.84	16.65	19.46
	1500	5.55	8.36	11.18	14.02	16.86	19.70
	1650	5.61	8.45	11.30	14.16	17.03	19.90

Remark : - Maximum operating temperature 80 °C

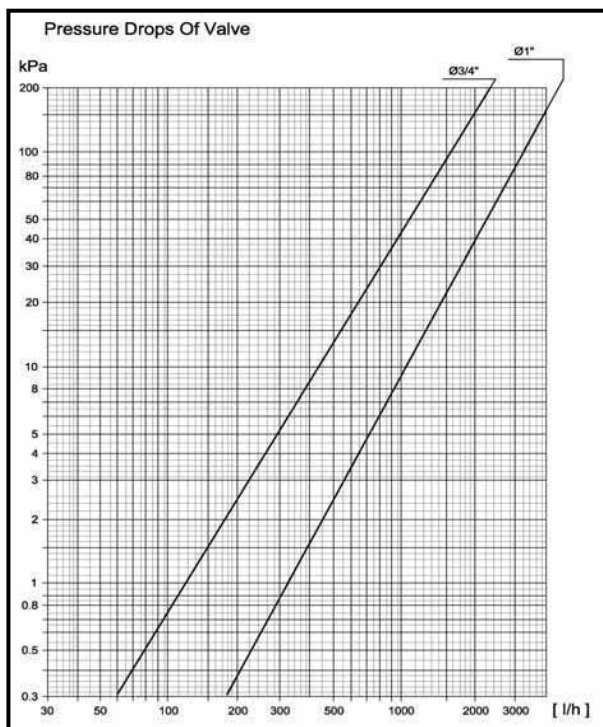
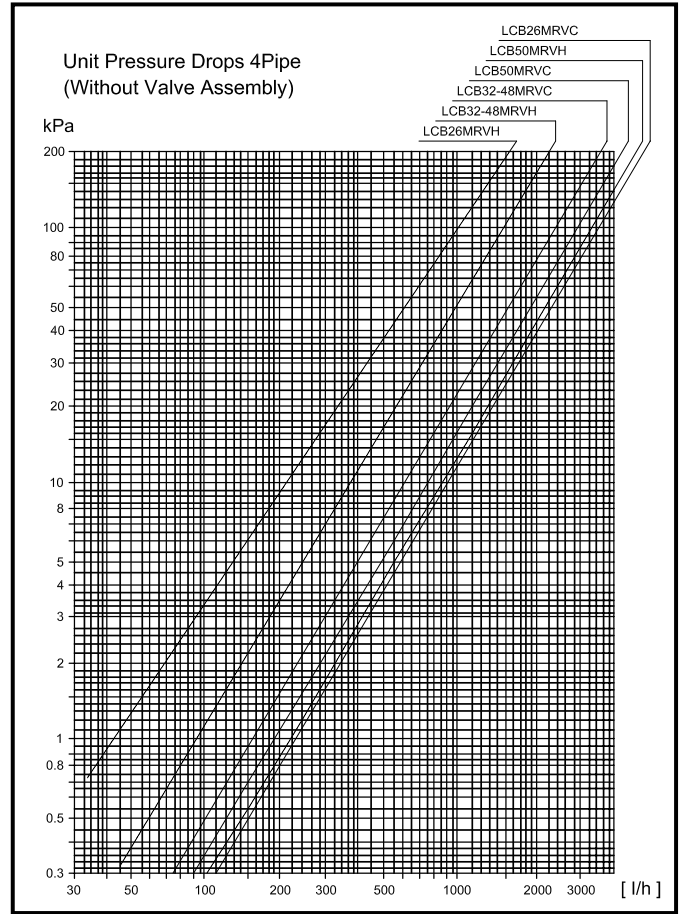
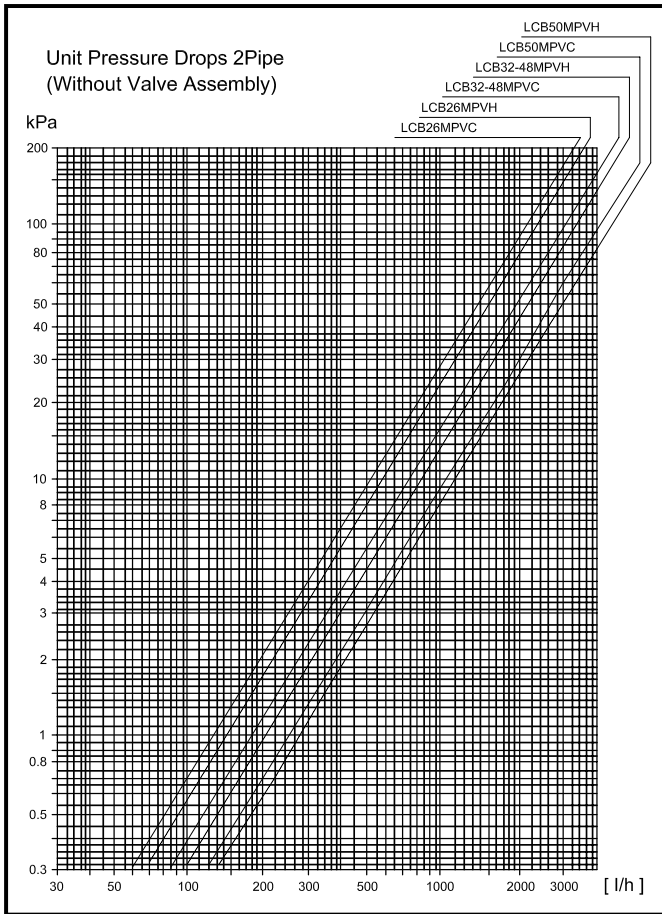
PRESSURE DROP & CORRECTION FACTOR

MODEL: IZLC10 - 24(2&4 PIPE)



MODEL	CAPACITY	FAN SPEED			
		T	H	M	L
IZLC10MPVC/H-CWB	TOTAL	1	0.799	0.434	0.394
	SENSIBLE	1	0.802	0.517	0.449
IZLC13MPVC/H-CWB	TOTAL	1	0.759	0.483	0.430
	SENSIBLE	1	0.761	0.530	0.456
IZLC18MPVC/H-CWB	TOTAL	1	0.779	0.632	0.377
	SENSIBLE	1	0.773	0.623	0.414
IZLC24MPVC/H-CWB	TOTAL	1	0.868	0.782	0.603
	SENSIBLE	1	0.865	0.778	0.600
IZLC10MRVH-CWB	TOTAL	1	0.818	0.652	0.423
	SENSIBLE	1	0.818	0.655	0.471
IZLC13MRVH-CWB	TOTAL	1	0.785	0.523	0.463
	SENSIBLE	1	0.785	0.564	0.487
IZLC18MRVH-CWB	TOTAL	1	0.821	0.668	0.419
	SENSIBLE	1	0.810	0.658	0.451
IZLC24MRVH-CWB	TOTAL	1	0.882	0.822	0.676
	SENSIBLE	1	0.878	0.812	0.661

**PRESSURE DROP & CORRECTION FACTOR
FOR MODEL : IZLC 26-48(2pipe& 4pipe)**



CORRECTION FACTOR

MODEL	CAPACITY	FAN SPEED			
		T	H	M	L
IZLCB 26MPVC/H-CW	TOTAL	1	0.870	0.782	0.711
	SENSIBLE	1	0.853	0.755	0.673
IZLCB 32MPVC/H-CW	TOTAL	1	0.832	0.747	0.658
	SENSIBLE	1	0.807	0.711	0.617
IZLCB 36MPVC/H-CW	TOTAL	1	0.854	0.750	0.652
	SENSIBLE	1	0.835	0.720	0.614
IZLCB 48MPVC/H-CW	TOTAL	1	0.843	0.742	0.635
	SENSIBLE	1	0.823	0.710	0.596
IZLCB 50MPVC/H-CW	TOTAL	1	0.840	0.705	0.612
	SENSIBLE	1	0.817	0.676	0.592
IZLCB 26MRVH-CW	TOTAL	1	0.856	0.780	0.708
	SENSIBLE	1	0.831	0.743	0.663
IZLCB 32MRVH-CW	TOTAL	1	0.903	0.817	0.749
	SENSIBLE	1	0.902	0.817	0.747
IZLCB 36MRVH-CW	TOTAL	1	0.897	0.774	0.682
	SENSIBLE	1	0.888	0.754	0.653
IZLCB 48MRVH-CW	TOTAL	1	0.881	0.758	0.647
	SENSIBLE	1	0.869	0.737	0.621
IZLCB 50MRVH-CW	TOTAL	1	0.881	0.740	0.638
	SENSIBLE	1	0.873	0.704	0.612

CASSETTE TYPE CHILLED WATER FAN COIL FOR STANDARD CONDITION - DISTRICT COOLING CONDITIONS

SIZE AVAILABLE 4,000 - 11,130Wtt(COOLING 2-pipe)

TECHNICAL SPECIFICATION

Model			IZLCB26MPVC-DW	IZLCB32MPVC-DW	IZLCB36MPVC-DW	IZLCB48MPVC-DW	IZLCB50MPVC-DW	
Chilled water Cooling	Total capacity	(Watts)	4000	7030	8220	8840	11130	
	Sensible capacity	(Watts)	3980	5370	6460	6900	7830	
	Water flow rate	(l/hr)	380	670	784	843	1062	
	Pressure drop	(kPa)	11.5	21.0	27.5	32.0	38.0	
Inlet and Outlet Pipe	Type	Female Water Pipe Thread						
Connection	Diameter Nominal	(Inch)	1	1	1	1	1	
Drain Connection	Diameter OD	(mm)	26	26	26	26	26	
Evaporator Coil	Face area	(m ²)	0.52	0.52	0.52	0.52	0.52	
	Row		1	2	2	2	2.8	
	Fin Type / Fin pitch		Louver /1.41	Louver /1.81	Louver /1.81	Louver /1.41	Louver /1.41	
	Tube diameter	(mm)	Ø 9.5 Smooth	Ø 9.5 Smooth	Ø 9.5 Smooth	Ø 9.5 Smooth	Ø 9.5 Smooth	
Fan	Type	Single Inlet Axial Fan						
	Size Dia x Length	(mm)	Ø 462 x 173	Ø 462 x 173	Ø 462 x 173	Ø 462 x 173	Ø 462 x 173	
	No.		1	1	1	1	1	
Fan Motor	Type	Permanent Split Capacitor						
	Power supply	(V/Ph/Hz)	220-240/1/50					
	Power Input	(W)	149	153	209	211	230	
	Running Current	(A)	0.67	0.69	0.92	0.93	1.04	
	RPM	T/H/M/L	700 /530 /450 /380	710 /540 /460 /390	830 /700 /560 /460	840 /710 /580 /480	840 /700 /570 /480	
Nominal Air Flow Rate	m ³ /hr	T/H/M/L	1400 /1100 /920 /780	1500 /1150 /970 /830	1700 /1300 /1100 /900	1800 /1400 /1200 /980	1760 /1370 /1170 /960	
Sound pressure level	dB (A)	T/H/M/L	53 /47 /43 /40	54 /48 /44 /41	58 /54 /48 /42	59 /54 /49 /43	59 /54 /49 /43	
Dimension	Front panel HxWxD	(mm)	55 x 950 x 950					
	Housing HxWxD	(mm)	314 x 843 x 843					
Net weight	Front panel	(Kg)	4.0					
	Housing	(Kg)	26.5	29.5	29.5	30	38.5	

Note : Cooling capacities are base on :-

- Inlet water temperature 5.5°C , Outlet water temperature 14.5°C
- Inlet air temperature 24°C DB, 18°C WB at turbo speed.

COOLING CAPACITY kW (AT TURBO SPEED)

5.5 °C ENTERING WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE	ENTERING AIR TEMPERATURE °C											
		17° C WB			18° C WB			19° C WB			20° C WB		
		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE	
	23 DB	24 DB	24 DB	25 DB	26 DB	27 DB	27 DB	28 DB	28 DB		27 DB	28 DB	
IZLCB 26MPVC-DW	8.0	4.06	3.92	4.06	4.95	4.44	4.72	5.75	5.19	5.50	6.60	5.65	5.97
	8.5	3.82	3.73	3.82	4.73	4.27	4.56	5.60	5.06	5.36	6.44	5.52	5.84
	9.0	3.01	3.01	3.01	4.00	3.71	3.98	4.90	4.52	4.80	5.76	5.01	5.30
IZLCB 32MPVC-DW	8.0	7.11	5.31	5.65	8.42	5.90	6.26	9.68	6.82	7.18	10.90	7.34	7.72
	8.5	6.87	5.15	5.49	8.20	5.76	6.11	9.47	6.69	7.06	10.72	7.23	7.58
	9.0	5.58	4.32	4.64	7.03	5.04	5.37	8.40	6.02	6.36	9.70	6.61	6.96
IZLCB 36MPVC-DW	8.0	8.29	6.37	6.80	9.84	7.09	7.53	11.33	8.21	8.63	12.73	8.82	9.23
	8.5	7.85	6.09	6.42	9.41	6.83	7.18	10.77	7.87	8.28	12.20	8.50	8.92
	9.0	6.49	5.19	5.56	8.22	6.06	6.46	9.81	7.24	7.65	11.34	7.95	8.38
IZLCB 48MPVC-DW	8.0	8.89	6.79	7.24	10.52	7.54	8.01	12.09	8.71	9.19	13.63	9.38	9.86
	8.5	8.56	6.57	6.95	10.22	7.35	7.74	11.67	8.45	8.84	13.12	9.08	9.52
	9.0	7.02	5.56	5.96	8.84	6.47	6.90	10.53	7.72	8.15	12.16	8.46	8.91
IZLCB 50MPVC-DW	8.0	10.83	7.98	8.47	12.68	8.79	9.30	14.43	10.07	10.58	16.15	10.78	11.30
	8.5	10.50	7.76	8.25	12.38	8.61	9.11	14.16	9.62	10.41	15.90	10.63	11.15
	9.0	8.82	6.70	7.13	11.13	7.83	8.24	13.01	9.17	9.63	14.92	10.04	10.46

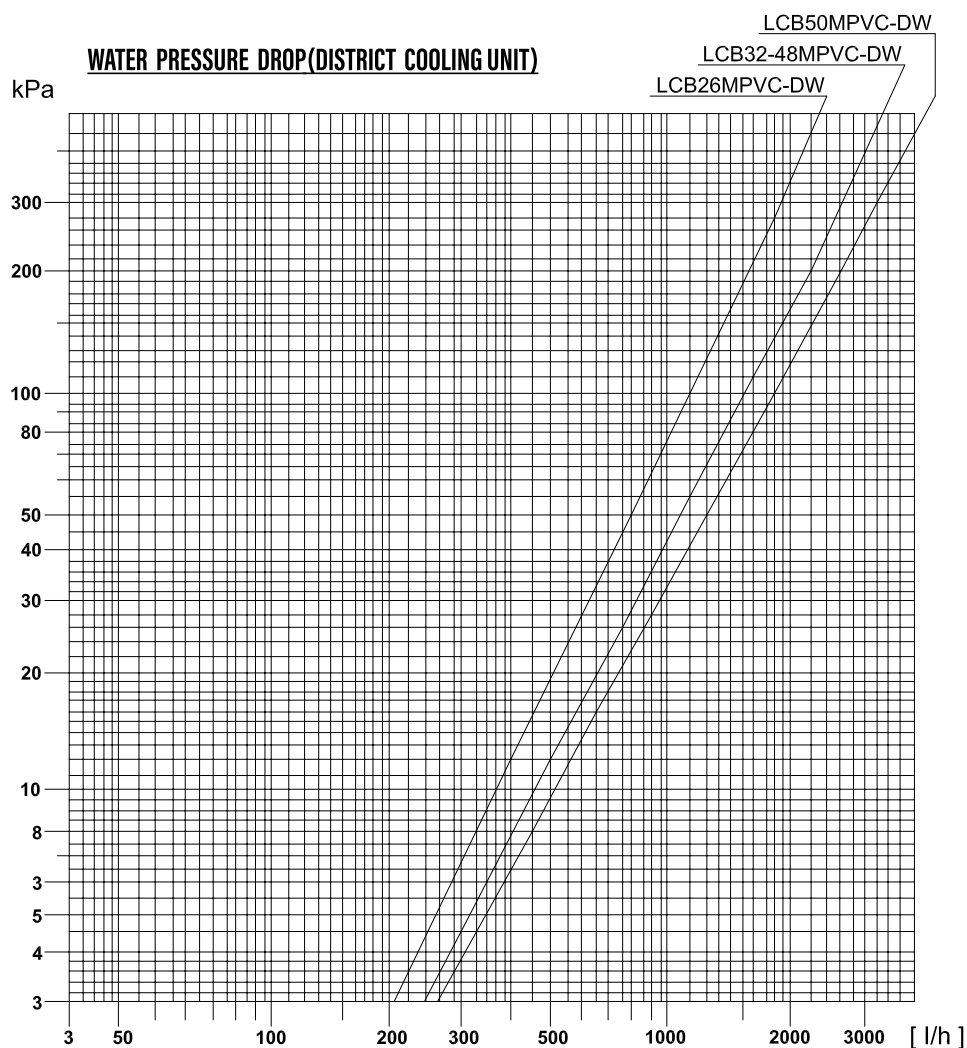
COOLING CAPACITY kW (AT TURBO SPEED)

6.0 °C ENTERING WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE	ENTERING AIR TEMPERATURE °C											
		17° C WB			18° C WB			19° C WB			20° C WB		
		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE	
	23 DB	24 DB	24 DB	25 DB	26 DB	27 DB	27 DB	28 DB	28 DB		27 DB	28 DB	
IZLCB 26MPVC-DW	8.0	3.36	3.36	3.36	4.27	3.94	4.22	5.14	4.73	5.03	5.99	5.20	5.51
	8.5	2.55	2.55	2.55	3.61	3.42	3.61	4.54	4.26	4.53	5.43	4.78	5.06
	9.0	2.13	2.13	2.13	3.31	3.21	3.31	4.29	4.07	4.29	5.19	4.61	4.89
IZLCB 32MPVC-DW	8.0	5.96	4.60	4.93	7.35	5.26	5.60	8.67	6.21	6.57	9.93	6.77	7.14
	8.5	4.79	3.83	4.12	6.46	4.68	5.00	7.87	5.70	6.03	9.21	6.32	6.66
	9.0	4.27	3.51	3.79	6.01	4.41	4.73	7.53	5.48	5.80	8.89	6.12	6.46
IZLCB 36MPVC-DW	8.0	6.96	5.53	5.92	8.58	6.32	6.74	10.12	7.47	7.90	11.61	8.14	8.59
	8.5	5.52	4.57	4.92	7.51	5.61	6.00	9.14	6.82	7.22	10.71	7.57	7.89
	9.0	4.95	4.21	4.55	6.86	5.22	5.59	8.76	6.57	6.97	10.34	7.33	7.75
IZLCB 48MPVC-DW	8.0	7.50	5.91	6.33	9.21	6.74	7.19	10.84	7.95	8.40	12.42	8.66	9.12
	8.5	5.99	4.91	5.29	8.08	6.00	6.41	9.83	7.28	7.71	11.49	8.07	8.51
	9.0	5.40	4.54	4.90	7.47	5.63	6.03	9.41	7.01	7.43	11.11	7.82	8.26
IZLCB 50MPVC-DW	8.0	9.38	7.09	7.52	11.33	7.97	8.50	13.20	9.34	9.82	14.98	10.04	10.59
	8.5	7.80	6.07	6.51	10.07	7.21	7.67	12.08	8.63	9.11	13.97	9.48	9.98
	9.0	7.03	5.59	6.01	9.54	6.88	7.33	11.63	8.35	8.82	13.57	9.24	9.73

COOLING CAPACITY kW (AT TURBO SPEED)
6.5 °C ENTERING WATER TEMPERATURE

UNIT MODEL	WATER TEMP. RISE	ENTERING AIR TEMPERATURE °C											
		17° C WB			18° C WB			19° C WB			20° C WB		
		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE		Total Cap.	SENSIBLE	
			23 DB	24 DB		24 DB	25 DB		26 DB	27 DB		27 DB	28 DB
IZLCB 26MPVC-DW	8.0	2.68	2.68	2.68	3.69	3.51	3.69	4.60	4.33	4.61	5.47	4.84	5.13
	8.5	2.22	2.22	2.22	3.34	3.25	3.34	4.29	4.10	4.29	5.18	4.63	4.91
	9.0	-	-	-	2.95	2.95	2.95	3.97	3.85	3.97	4.89	4.41	4.69
IZLCB 32MPVC-DW	8.0	4.90	3.93	4.23	6.52	4.75	5.07	7.89	5.73	6.07	9.20	6.33	6.68
	8.5	4.31	3.56	3.85	5.92	4.39	4.70	7.49	5.48	5.81	8.83	6.10	6.45
	9.0	3.57	3.11	3.38	5.41	4.08	4.38	6.90	5.12	5.44	8.36	5.82	6.15
IZLCB 36MPVC-DW	8.0	5.67	4.70	5.07	7.45	5.61	6.01	9.18	6.88	7.29	10.71	7.59	8.02
	8.5	4.99	4.27	4.62	6.86	5.25	5.63	8.50	6.46	6.86	10.14	7.24	7.66
	9.0	4.17	3.75	4.07	6.26	4.88	5.24	8.00	6.14	6.53	9.60	6.92	7.32
IZLCB 48MPVC-DW	8.0	6.13	5.04	5.43	8.15	6.08	6.49	9.85	7.33	7.77	11.48	8.09	8.54
	8.5	5.43	4.60	4.97	7.40	5.62	6.02	9.25	6.94	7.38	11.03	7.80	8.24
	9.0	4.58	4.06	4.40	6.78	5.24	5.63	8.63	6.57	6.98	10.34	7.39	7.82
IZLCB 50MPVC-DW	8.0	7.93	6.18	6.63	10.09	7.25	7.72	12.04	8.64	9.13	13.89	9.47	9.97
	8.5	6.97	5.59	6.02	9.47	6.86	7.32	11.51	8.31	8.79	13.42	9.18	9.67
	9.0	5.99	5.01	5.41	8.66	6.36	6.82	10.93	7.95	8.41	12.91	8.87	9.35

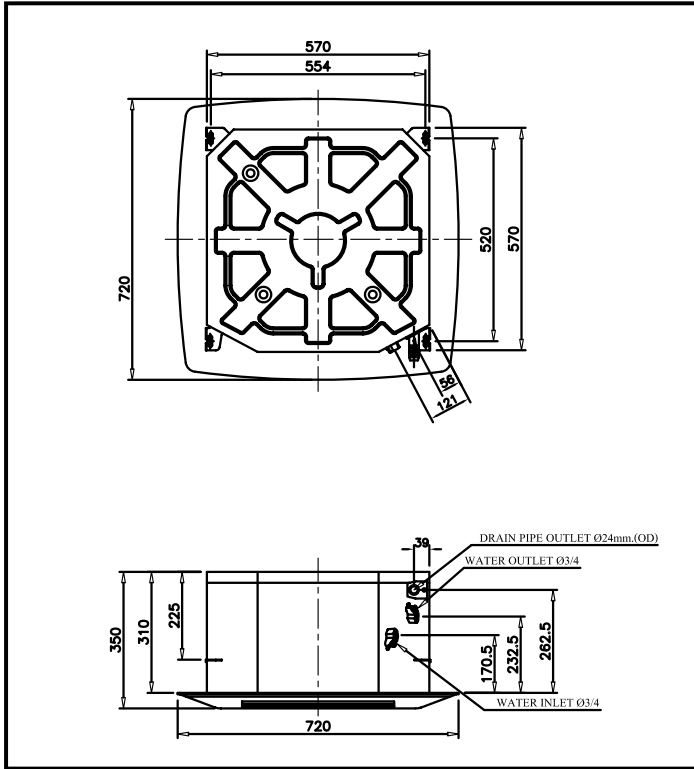


CORRECTION FACTOR(DISTRICT COOLING UNIT)

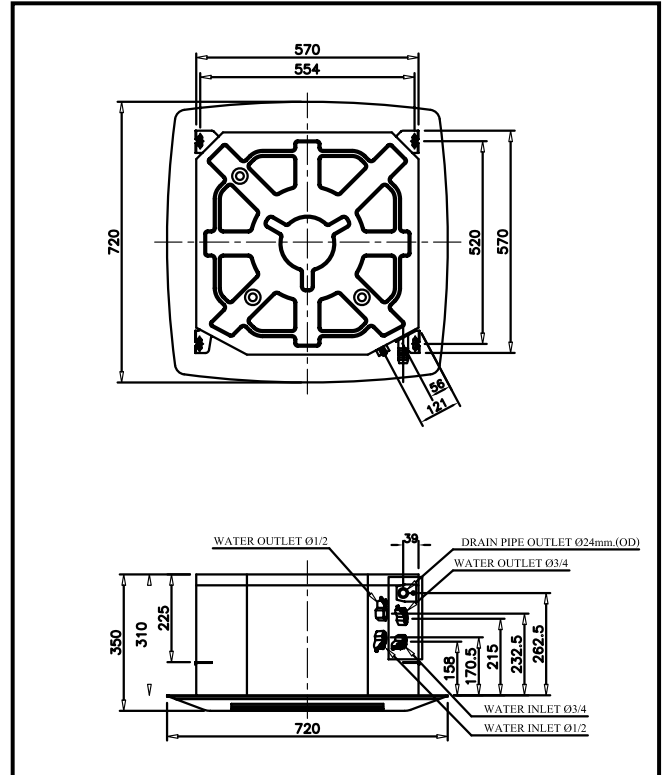
MODEL	CAPACITY	FAN SPEED			
		H	M	L	SL
IZLCB 26MPVC-DW	TOTAL	1	0.918	0.858	0.815
	SENSIBLE	1	0.909	0.829	0.771
IZLCB 32MPVC-DW	TOTAL	1	0.868	0.761	0.673
	SENSIBLE	1	0.801	0.701	0.620
IZLCB 36MPVC-DW	TOTAL	1	0.848	0.776	0.680
	SENSIBLE	1	0.792	0.717	0.624
IZLCB 48MPVC-DW	TOTAL	1	0.829	0.764	0.652
	SENSIBLE	1	0.770	0.704	0.599
IZLCB 50MPVC-DW	TOTAL	1	0.852	0.743	0.646
	SENSIBLE	1	0.820	0.691	0.606

UNIT DIMENSIONS

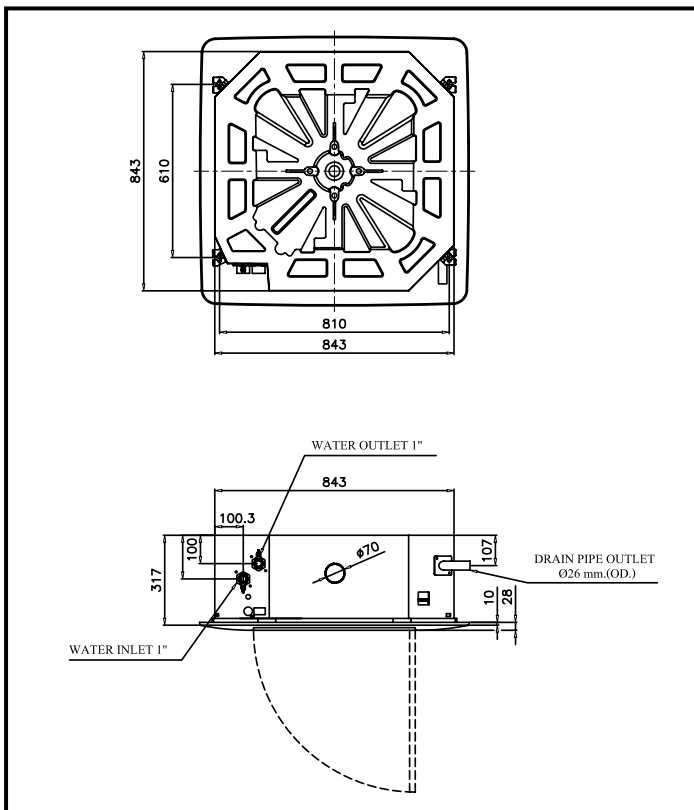
IZLC10-24 (2-Pipe)



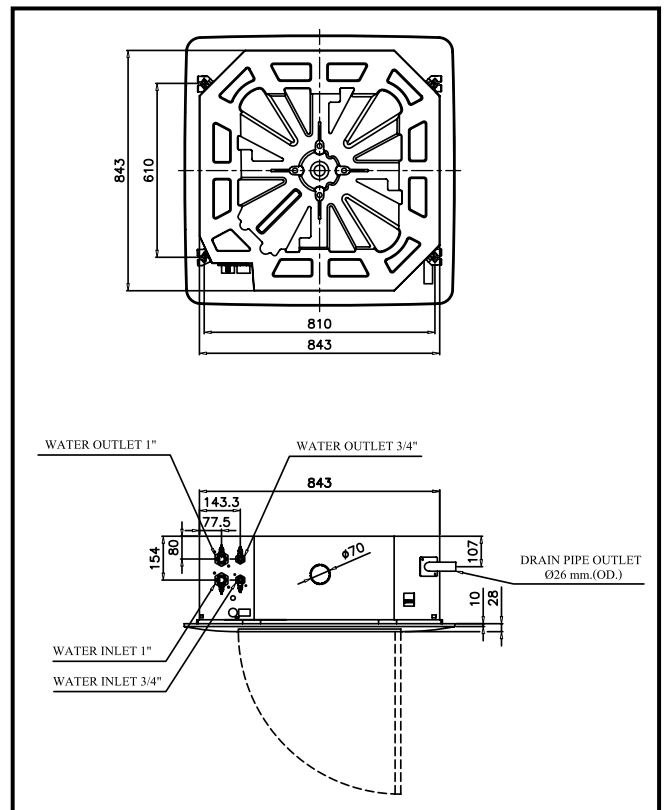
IZLC10-24 (4-Pipe)



IZLCB26-50 (2-Pipe)



IZLCB26-50 (4-Pipe)



IZUMI CORPORATION, TOKYO, JAPAN