



# Flow-Ice®

BINARY ICE SYSTEMS

PAM Model:	Refr. Cap. kW	Flow rate in liters per hour.				Refr. Cap. kW	Flow rate in liters per hour.				Refr. Cap. kW	Flow rate in liters per hour.				Refr. Cap. kW	Flow rate in liters per hour.																		
		Water Temperature 0 °C					Water Temperature 10 °C					Water Temperature 15 °C					Water Temperature 20 °C				Water Temperature 25 °C														
		Ice concentration %					Ice concentration %					Ice concentration %					Ice concentration %				Ice concentration %														
		20	25	30	40			20	25	30	40			20	25	30	40			20	25	30	40			20	25	30	40						
<b>Meerkat</b>																																			
M 1.025	1.5	76	62	52	39	1.5	49	42	38	30	1.5	41	37	33	27	1.5	36	32	29	25	1.5	32	29	26	23	1.5	32	29	26	23					
M 1.050	2.8	143	116	97	73	2.8	91	79	70	57	2.8	77	68	62	51	2.8	67	60	55	46	2.8	59	54	49	42	2.8	59	54	49	42					
M 1.075	3.5	178	144	121	92	3.5	114	99	88	71	3.5	96	86	77	64	3.5	84	75	69	58	3.5	74	67	62	53	3.5	74	67	62	53					
M 1.10	4.5	229	186	156	118	4.5	146	127	113	91	4.5	124	110	99	82	4.5	108	97	88	75	4.5	95	87	79	68	4.5	95	87	79	68					
M 1.20	10	510	413	346	262	10	325	283	250	203	10	276	244	220	183	10	239	215	196	166	10	211	192	177	152	10	211	192	177	152					
M 1.30	15	765	619	520	394	15	488	393	375	305	15	413	351	329	274	15	359	317	294	249	15	317	288	265	228	15	317	288	265	228					
M 1.40	20	1020	825	693	525	20	651	566	500	406	20	551	489	439	365	20	478	430	392	331	20	422	385	353	304	20	422	385	353	304					

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		Water Temperature 0 °C					Water Temperature 10 °C					Water Temperature 15 °C					Water Temperature 20 °C				Water Temperature 25 °C														
		Ice concentration %					Ice concentration %					Ice concentration %					Ice concentration %				Ice concentration %														
		20	25	30	40			20	25	30	40			20	25	30	40			20	25	30	40			20	25	30	40						
<b>Lion</b>																																			
L 2.40	40	2040	1650	1386	1050	40	1302	1132	1001	813	40	1103	978	879	730	40	956	861	783	663	40	844	769	706	607	40	844	769	706	607					
L 3.40	60	3059	2476	2079	1574	60	1953	1697	1501	1219	60	1654	1467	1318	1095	60	1434	1291	1175	994	60	1266	1154	1059	911	60	1266	1154	1059	911					
L 4.40	80	4079	3301	2772	2099	80	2604	2263	2001	1625	80	2205	1956	1757	1460	80	1912	1722	1566	1326	80	1688	1538	1412	1214	80	1688	1538	1412	1214					
L 5.40	100	5099	4126	3465	2624	100	3255	2829	2502	2032	100	2757	2445	2196	1826	100	2390	2152	1958	1657	100	2110	1923	1766	1518	100	2110	1923	1766	1518					
L 6.40	120	6119	4951	4158	3149	120	3906	3395	3002	2438	120	3308	2934	2636	2191	120	2869	2583	2349	1989	120	2532	2307	2119	1821	120	2532	2307	2119	1821					
L 7.40	140	7139	4846	4851	3673	140	4557	3671	3502	2844	140	3859	3274	3075	2556	140	3347	2954	2741	2320	140	2954	2692	2472	2125	140	2954	2692	2472	2125					
L 8.40	160	8159	6602	5544	4198	160	5208	4527	4003	3251	160	4410	3912	3514	2921	160	3825	3444	3132	2652	160	3376	3076	2825	2428	160	3376	3076	2825	2428					
L 9.40	180	9178	7427	6237	4723	180	5859	5092	4503	3657	180	4962	4401	3954	3286	180	4303	3874	3524	2983	180	3798	3461	3178	2732	180	3798	3461	3178	2732					
L 10.40	200	10198	8252	6930	5248	200	6510	5658	5003	4063	200	5513	4890	4393	3651	200	4781	4305	3915	3315	200	4220	3845	3531	3035	200	4220	3845	3531	3035					
L 11.40	220	11218	9077	7623	5773	220	7161	6224	5504	4470	220	6064	5379	4832	4016	220	5259	4735	4307	3646	220	4642	4230	3884	3339	220	4642	4230	3884	3339					
L 12.40	240	12238	9903	8316	6297	240	7812	6790	6004	4876	240	6616	5868	5272	4381	240	5737	5166	4698	3978	240	5064	4614	4237	3642	240	5064	4614	4237	3642					

Standard system includes pre-chiller to deliver 0°C water to the ice machine. Please add refrigeration capacity for pre-chiller (based on average sea water temperature).

Notes:  
 \* Capacities quoted may vary +/- 5%.  
 \* Information may be subject to change without prior notice.