

Ice production capacity

Maestro Plus™ and Horizon Elite™ ice machines



Ice production – Maestro Plus D414A series air-cooled

Inlet water temperature F (C)	Ambient air temperature F (C)				lb (kg) production in 24 hr
	60 (16)	70 (21)	80 (27)	90 (32)	
50 F (10 C)	454 (234)	423 (217)	397 (203)	370 (188)	
60 F (16 C)	435 (224)	407 (208)	381 (194)	355 (179)	
70 F (21 C)	416 (213)	390 (199)	365 (185)	340 (171)	
80 F (27 C)	401 (205)	379 (193)	353 (178)	327 (164)	
90 F (32 C)	387 (197)	367 (186)	340 (171)	313 (156)	

Ice production – Maestro Plus P414W series water-cooled

Inlet water temperature F (C)	Ambient air temperature F (C)					lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	
50 F (10 C)	400 (204)	390 (199)	380 (193)	370 (188)	360 (182)	
60 F (16 C)	395 (202)	380 (193)	365 (185)	355 (179)	345 (174)	
70 F (21 C)	390 (199)	370 (188)	350 (177)	340 (171)	330 (166)	
80 F (27 C)	385 (196)	365 (185)	345 (174)	330 (166)	315 (157)	
90 F (32 C)	380 (193)	360 (182)	340 (171)	320 (160)	300 (149)	

Ice production – Maestro Plus E414A Series

Inlet water temperature C (F)	Ambient air temperature C (F)				kg (lb) production in 24 hr
	16 (60)	21 (70)	27 (80)	32 (90)	
10 C (50 F)	206 (454)	193 (425)	180 (397)	168 (370)	
16 C (60 F)	197 (435)	185 (407)	173 (381)	161 (355)	
21 C (70 F)	189 (416)	177 (390)	166 (365)	154 (340)	
27 C (80 F)	182 (401)	172 (379)	160 (353)	148 (327)	
32 C (90 F)	176 (387)	166 (367)	154 (340)	142 (313)	

Ice production – Horizon Elite D714A series

Inlet water temperature F (C)	Ambient air temperature F (C)						lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	100 (38)	
50 (10)	714 (324)	688 (312)	662 (301)	633 (287)	603 (274)	576 (262)	
60 (16)	677 (307)	652 (296)	627 (284)	599 (272)	571 (259)	547 (248)	
70 (21)	640 (290)	615 (279)	591 (268)	565 (256)	539 (244)	518 (235)	
80 (27)	602 (273)	579 (263)	556 (252)	531 (241)	506 (230)	489 (222)	
90 (32)	565 (257)	543 (246)	520 (236)	497 (226)	474 (215)	460 (209)	

Ice production – Horizon Elite E710A series

Inlet water temperature C (F)	Ambient air temperature C (F)					kg (lb) production in 24 hr
	16 (60)	21 (70)	27 (80)	32 (90)	38 (100)	
10 C (50 F)	301 (664)	280 (617)	261 (576)	244 (538)	227 (500)	
16 C (60 F)	293 (645)	272 (601)	254 (560)	236 (521)	218 (481)	
21 C (70 F)	284(626)	264 (582)	247 (544)	229 (506)	210 (464)	
27 C (80 F)	267 (588)	247 (544)	232 (512)	218 (481)	176 (389)	
32 C (90 F)	252 (557)	35 (2 519)	221 (487)	207 (455)	149 (328)	

Ice production – Horizon Elite C1010A series

Inlet water temperature F (C)	Ambient air temperature F (C)					lb (kg) production in 24 hr
	60 (16)	70 (21)	80 (27)	90 (32)	100 (38)	
50 (10)	1160 (526)	1061 (481)	962 (436)	825 (374)	688 (312)	
60 (16)	1093 (496)	1001 (454)	909 (412)	795 (361)	681 (309)	
70 (21)	1026 (465)	941 (427)	857 (389)	765 (347)	674 (306)	
80 (27)	971 (440)	893 (405)	815 (370)	730 (331)	644 (292)	
90 (32)	917 (416)	941 (427)	773 (350)	694 (315)	614 (279)	

Ice production – Horizon Elite C1414A series

Inlet water temperature F (C)	Ambient air temperature F (C)						lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	100 (38)	
50 (10)	1472 (668)	1426 (647)	1379 (626)	1319 (599)	1258 (571)	1180 (536)	
60 (16)	1394 (633)	1349 (612)	1303 (592)	1249 (567)	1195 (543)	1122 (510)	
70 (21)	1316 (597)	1272 (577)	1228 (557)	1180 (536)	1132 (514)	1065 (483)	
80 (27)	1237 (562)	1195 (542)	1152 (523)	1110 (504)	1069 (485)	1007 (457)	
90 (32)	1159 (526)	1118 (507)	1076 (489)	1041 (473)	1006 (457)	949 (431)	

Ice production – Horizon Elite C1414W series

Inlet water temperature F (C)	Ambient air temperature F (C)						lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	100 (38)	
50 F (10)	1253 (569)	1264 (574)	1274 (578)	1205 (547)	1136 (516)	1038 (471)	lb (kg) production in 24 hr
60 F (16)	1201 (545)	1205 (547)	1209 (549)	1142 (519)	1075 (488)	984 (447)	
70 F (21)	1149 (521)	1146 (520)	1144 (519)	1079 (490)	1015 (461)	930 (422)	
80 F (27)	1096 (498)	1088 (494)	1079 (490)	1016 (461)	954 (433)	876 (398)	
90 F (32)	1044 (474)	1029 (467)	1014 (460)	954 (433)	893 (405)	822 (373)	

Ice production – Horizon Elite D1012R series

Inlet water temperature F (C)	Ambient air temperature F (C)					lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	
50 F (10 C)	1128 (511)	1089 (494)	1051 (477)	1021 (463)	991 (450)	lb (kg) production in 24 hr
60 F (16 C)	1040 (472)	1012 (459)	984 (446)	962 (436)	940 (426)	
70 F (21 C)	953 (432)	935 (424)	917 (416)	903 (410)	889 (403)	
80 F (27 C)	896 (406)	883 (400)	869 (394)	851 (386)	832 (377)	
90 F (32 C)	839 (380)	830 (376)	821 (372)	798 (362)	775 (352)	

Ice production – Horizon Elite D1412R series

Inlet water temperature F (C)	Ambient air temperature F (C)					lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	
50 F (10 C)	1304 (592)	1297 (589)	1291 (586)	1253 (569)	1216 (552)	lb (kg) production in 24 hr
60 F (16 C)	1231 (558)	1220 (553)	1209 (548)	1173 (532)	1137 (516)	
70 F (21 C)	1158 (525)	1143 (518)	1127 (511)	1093 (496)	1059 (480)	
80 F (27 C)	1097 (498)	1068 (484)	1039 (471)	1020 (463)	1000 (454)	
90 F (32 C)	1036 (470)	994 (451)	952 (432)	947 (429)	942 (427)	

Ice production – Horizon Elite D1811R series

Inlet water temperature F (C)	Ambient air temperature F (C)					lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	
50 F (10 C)	1708 (775)	1699 (771)	1690 (767)	1619 (734)	1547 (702)	lb (kg) production in 24 hr
60 F (16 C)	1606 (728)	1594 (723)	1582 (718)	1514 (687)	1447 (656)	
70 F (21 C)	1503 (682)	1488 (675)	1473 (668)	1410 (640)	1346 (611)	
80 F (27 C)	1422 (645)	1408 (639)	1395 (633)	1332 (604)	1269 (576)	
90 F (32 C)	1341 (608)	1329 (603)	1316 (597)	1254 (569)	1192 (541)	

Ice production – Horizon Elite D1812R series

Inlet water temperature F (C)	Ambient air temperature F (C)					lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	
50 F (10 C)	1864 (846)	1839 (834)	1814 (823)	1734 (787)	1653 (750)	lb (kg) production in 24 hr
60 F (16 C)	1740 (789)	1716 (778)	1691 (767)	1622 (736)	1553 (704)	
70 F (21 C)	1616 (733)	1592 (722)	1567 (711)	1510 (685)	1452 (659)	
80 F (27 C)	1523 (691)	1500 (681)	1478 (670)	1425 (646)	1372 (622)	
90 F (32 C)	1430 (649)	1409 (639)	1388 (630)	1340 (608)	1292 (586)	

Ice production – Horizon Elite D2112R series

Inlet water temperature F (C)	Ambient air temperature F (C)					lb (kg) production in 24 hr
	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	
50 F (10 C)	2023 (918)	1993 (904)	1963 (890)	1899 (861)	1834 (832)	lb (kg) production in 24 hr
60 F (16 C)	1914 (868)	1881 (853)	1847 (838)	1796 (815)	1745 (791)	
70 F (21 C)	1805 (819)	1769 (802)	1732 (786)	1693 (768)	1655 (751)	
80 F (27 C)	1703 (773)	1658 (752)	1612 (731)	1594 (723)	1575 (714)	
90 F (32 C)	1602 (726)	1547 (702)	1493 (677)	1494 (678)	1495 (678)	

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Ice production capacity

