

Ice production capacity

Maestro Plus™ and Horizon Elite™ ice machines



Ice production – Maestro Plus 414 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 414W 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 – Horizon Elite D710A 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)	100 (38)	
50 (10)	787 (357)	759 (345)	705 (320)	639 (290)	603 (274)	
60 (16)	750 (341)	702 (319)	666 (302)	624 (283)	570 (259)	
70 (21)	707 (321)	681 (309)	636 (289)	586 (266)	542 (246)	
80 (27)	677 (307)	629 (286)	611 (277)	559 (254)	518 (235)	
90 (32)	642 (291)	600 (272)	580 (263)	539 (245)	497 (226)	

Ice production – Horizon Elite C1010A 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)	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 C1410A 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)	100 (38)	
50 (10)	1593 (723)	1466 (665)	1339 (607)	1230 (558)	1121 (508)	
60 (16)	1518 (689)	1396 (633)	1275 (579)	1163 (528)	1052 (478)	
70 (21)	1442 (654)	1327 (602)	1211 (549)	1097 (498)	982 (446)	
80 (27)	1394 (632)	1272 (577)	1150 (522)	1050 (477)	950 (431)	
90 (32)	1345 (610)	1327 (602)	1089 (494)	1004 (456)	918 (417)	

Ice production – Horizon Elite C1410W series water-cooled

Potable water temperature F (C)	Condenser water temperature F (C)					lb (kg) production in 24 hr
	50 (16)	60 (16)	70 (21)	80 (27)	90 (32)	
50 (10)	1393 (632)	1368 (621)	1343 (609)	1328 (602)	1313 (596)	
60 (16)	1374 (623)	1326 (602)	1278 (580)	1268 (575)	1257 (570)	
70 (21)	1335 (606)	1284 (582)	1213 (550)	1207 (547)	1201 (545)	
80 (27)	1278 (580)	1216 (552)	1153 (523)	1135 (515)	1116 (506)	
90 (32)	1201 (545)	1147 (520)	1093 (496)	1063 (482)	1032 (468)	

Ice production – Horizon Elite C1412W series water-cooled

Potable water temperature F (C)	Condenser water temperature F (C)					lb (kg) production in 24 hr
	50 (16)	60 (16)	70 (21)	80 (27)	90 (32)	
50 (10)	1286 (584)	1201 (545)	1116 (507)	1054 (479)	992 (450)	
60 (16)	1243 (564)	1165 (529)	1087 (493)	1032 (469)	977 (444)	
70 (21)	1200 (545)	1130 (513)	1059 (481)	1010 (459)	962 (437)	
80 (27)	1168 (530)	1089 (494)	1010 (459)	958 (435)	905 (411)	
90 (32)	1135 (515)	1048 (476)	961 (436)	905 (411)	849 (385)	

Ice production – Horizon Elite D1010R 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)	100 (38)	
50 F (10 C)	1051 (477)	978 (444)	906 (411)	834 (379)	763 (346)	
60 F (16 C)	1037 (471)	925 (420)	855 (388)	796 (361)	737 (335)	
70 F (21 C)	937 (425)	871 (395)	805 (366)	758 (344)	711 (323)	
80 F (27 C)	904 (410)	839 (381)	774 (351)	727 (330)	680 (309)	
90 F (32 C)	872 (396)	807 (366)	743 (337)	696 (316)	648 (294)	

Ice production – Horizon Elite D1410R 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)	100 (38)	
50 F (10 C)	1474 (669)	1372 (623)	1269 (576)	1212 (550)	1154 (524)	
60 F (16 C)	1385 (628)	1292 (586)	1198 (544)	1148 (521)	1097 (498)	
70 F (21 C)	1296 (588)	1212 (550)	1127 (511)	1083 (492)	1039 (472)	
80 F (27 C)	1239 (562)	1155 (524)	1072 (487)	1030 (468)	988 (449)	
90 F (32 C)	1181 (536)	1099 (499)	1017 (462)	976 (443)	936 (425)	

Ice production – Horizon Elite D1412R 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)	100 (38)	
50 F (10 C)	1391 (755)	1371 (622)	1339 (726)	1306 (701)	1235 (668)	
60 F (16 C)	1301 (705)	1280 (693)	1251 (677)	1222 (661)	1156 (624)	
70 F (21 C)	1224 (662)	1215 (657)	1176 (636)	1138 (614)	1077 (581)	
80 F (27 C)	1156 (624)	1149 (621)	1113 (601)	1077 (581)	1020 (549)	
90 F (32 C)	1075 (580)	1055 (568)	1036 (558)	1016 (547)	962 (517)	

Ice production – Horizon Elite D1810R 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)	100 (38)	
50 F (10 C)	1859 (844)	1784 (810)	1685 (765)	1616 (734)	1500 (681)	
60 F (16 C)	1723 (782)	1684 (765)	1578 (716)	1563 (710)	1409 (640)	
70 F (21 C)	1620 (735)	1594 (724)	1514 (687)	1420 (645)	1319 (599)	
80 F (27 C)	1550 (704)	1487 (675)	1485 (674)	1351 (613)	1299 (590)	
90 F (32 C)	1471 (668)	1435 (651)	1370 (622)	1285 (583)	1207 (548)	

Ice production – Horizon Elite D2110R 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)	100 (38)	
50 F (10 C)	2039 (925)	2039 (925)	1934 (877)	1825 (828)	1703 (772)	
60 F (16 C)	1943 (881)	1888 (856)	1878 (852)	1710 (776)	1584 (718)	
70 F (21 C)	1833 (831)	1781 (808)	1789 (811)	1634 (741)	1489 (675)	
80 F (27 C)	1754 (796)	1686 (765)	1643 (745)	1535 (696)	1426 (647)	
90 F (32 C)	1650 (748)	1603 (727)	1577 (715)	1457 (661)	1395 (633)	

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Ice production capacity