



# Horizon Elite™

Marine 1010, 1410 series Chewblet® ice machine

## Features

Horizon Elite Chewblet ice machine with up to 1350 lb (613 kg) daily production of customer preferred Chewblet ice

- 1010 series - up to 1004 pounds (455 kg) in 24 hours
- 1410 series - up to 1350 pounds (613 kg) in 24 hours

### Low life cycle cost

- uses up to 35% less water than cube ice machines
- requires no preventive maintenance other than periodic cleaning and sanitizing
- robust operation in all commercial water conditions

### RIDE technology

- automatically fill bin/dispenser up to 23 m (75 ft) away from the bin/dispenser (3 m (10 ft) for Micro Chewblet™ ice) with RIDE remote ice delivery equipment
- improved sanitation, aesthetics, serviceability

### Consumer-preferred Chewblet ice

- More reliable dispensing than nugget or pellet ice
- Slow melting, maintains drink temperature and quality
- Drink performance comparable to cubes
- Higher displacement than cube ice

### Innovative engineering; unsurpassed reliability

- Horizontally positioned evaporator provides maximum heat transfer for high capacity with compact dimensions
- Unique auger profile design maximizes ice capacity and reduces loads on gearmotor, bearings and seals
- Automatic self-flushing drains away mineral laden water, reduces scale build-up
- Easy to read display provides at-a-glance operational status
- Semi-automatic cleaning and sanitizing system lowers maintenance cost
- Quiet operation, no noisy batch harvest cycles

### Superior sanitation

- Floatless, sealed design inhibits formation of biofilms
- Designed to address United States Public Health Service (USPHS) principles.

**Warranty** - 2 years parts only on marine series Horizon ice machines

### Certifications



1 Independent third party studies. Contact Follett for details.

2 Disclaimer: Antimicrobial protection is limited to the treated components and does not treat water or ice.

Horizon Elite self-contained 1010, 1410 series ice machine 220/60/1 Ph			
Use/application	Condenser	1010 series	1410 series
<b>Ice and beverage dispensers (IBD) manufactured by others</b>	water	<b>HCC1010WHM</b>	<b>HCC1410WHM</b>
<b>Vision™ ice and water dispensers manufactured by Follett</b>	water	<b>HCC1010WVM</b>	<b>HCC1410WVM</b>

## Accessories

- Water filter kit (item# 00978957)
- Wall mount bracket (item# 01085455)
- Ice machine stand (item# 01085463)
- Timer to control one or two 1010 and 1410 ice machines (item# 00967265)
- Longer ice transport tube (10'/3 m is standard) – Specify length: \_\_\_\_ ft/m in 5'/1.5 m increments (item# 00174896)
- SafeCLEAN Plus™, 6 x 7 oz packets (item# 01504691)
- SaniSponge™, pack of 24 (item# 01075431)

Job \_\_\_\_\_

Item \_\_\_\_\_

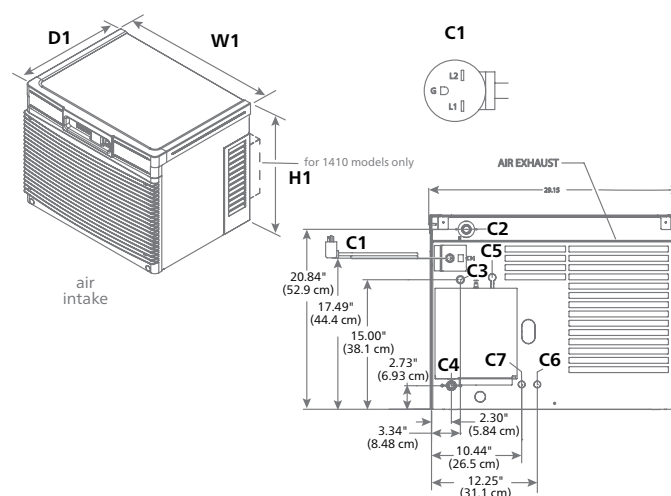
## Ice production – Horizon Elite 1010 series, water-cooled (lb/kg production in 24 hr)

Potable water temperature F (C)	Ambient air temperature F (C)					
		50 (16)	60 (21)	70 (27)	80 (32)	90 (38)
	50 F (10 C)	1099 (499)	1046 (475)	1004 (456)	950 (374)	895 (406)
	60 F (16 C)	1009 (458)	973 (442)	941 (431)	891 (405)	842 (382)
	70 F (21 C)	920 (418)	900 (409)	877 (398)	833 (378)	788 (358)
	80 F (27 C)	877 (398)	853 (387)	829 (376)	790 (359)	751 (341)
	90 F (32 C)	834 (379)	809 (367)	780 (354)	747 (339)	714 (324)

## Ice production – Horizon Elite 1410 series, water-cooled (lb/kg production in 24 hr)

Potable water temperature F (C)	Condenser water temperature F (C)					
		60 (16)	70 (21)	80 (27)	90 (32)	100 (38)
	50 F (10 C)	1593 (723)	1466 (665)	1339 (607)	1230 (558)	1121 (508)
	60 F (16 C)	1518 (689)	1396 (633)	1275 (579)	1163 (528)	1052 (478)
	70 F (21 C)	1442 (654)	1327 (602)	1211 (549)	1097 (498)	982 (466)
	80 F (27 C)	1394 (632)	1272 (577)	1150 (522)	1050 (477)	950 (431)
	90 F (32 C)	1345 (610)	1327 (602)	1089 (494)	1004 (456)	918 (417)

## Dimensional drawing



## Specification

	Horizon Elite 1010 series	Horizon Elite 1410 series
<b>W1</b> Width	29.15" (74.0 cm)	29.15" (74.0 cm)
<b>D1</b> Depth	23.25" (59.1 cm)	25.15" (63.9 cm)
<b>H1</b> Height	22.15" (56.3 cm)	22.15" (56.3 cm)
clearance	top, left and right – 1.00" (2.54 cm), rear 2.00" (5.08 cm)	top, left and right – 1.00" (2.54 cm)
Electrical 220V/60/1	<b>C1</b> 11 amps, requires dedicated 15 amp circuit, 6' (1.8 m) cord, NEMA 6-15 plug	<b>C1</b> 14 amps, requires dedicated 20 amp circuit, 6' (1.8 m) cord, NEMA 6-20 plug
<b>C2</b> Ice transport tube		
<b>C3</b> Potable Water inlet	3/8" OD push-in water inlet – internal connection	3/8" OD push-in water inlet – internal connection
<b>C4</b> Drain	3/4" MPT	3/4" MPT
<b>C5</b> Ice bin signal cord	for Vision applications only	for Vision applications only
Water-cooled condenser connections	<b>C6</b> – 1/4" FPT condenser inlet, <b>C7</b> – 1/4" FPT condenser outlet	<b>C6</b> – 1/4" FPT condenser inlet, <b>C7</b> – 1/4" FPT condenser outlet
Air temperature	50 - 100 F (10 - 38 C)	50 - 100 F (10 - 38 C)
Water temperature	45 - 90 F (7 - 32 C)	45 - 90 F (7 - 32 C)
Potable water pressure	10 - 70 psi (69 - 483 kPa)	10 - 70 psi (69 - 483 kPa)
Condenser water pressure	30 - 150 psi (207-1034 kPa)	30 - 150 psi (207-1034 kPa)
Energy consumption 90 F (32 C) condenser water 70 F (21 C) potable water	4.20 kWh per 100 lb (45.4 kg) ice	3.80 kWh per 100 lb (45.4 kg) ice
Heat rejection – HCE models	12,800 BTU/hr	16,400 BTU/hr
Water consumption	12.0 gal (45 L) of potable water per 100 lb (45.4 kg) of ice (per AHRI test standards) 12.4 gal (46.9 L) at low TDS setting	12.0 gal (45 L) of potable water per 100 lb (45.4 kg) of ice (per AHRI test standards) 12.3 gal (46.6 L) at low TDS setting
Water flow requirement for water-cooled models	1 gallon per minute	1 gallon per minute
Approximate ship weight	275 lb (124 kg)	300 lb (136 kg)
NOTE: For indoor use only		

ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency

Agion is a registered trademark of Sciescent LLC.

Harmony, Horizon Elite, Micro Chewblet, SafeCLEAN Plus, SaniSponge and Vision are trademarks of Follett Corporation.

Chewblet, Follett and RIDE are registered trademarks of Follett Corporation, registered in the US.

Follett reserves the right to change specifications at any time without obligation. Certifications may vary depending on country of origin.