

True Ice Series

Modular Commercial Cube Ice Machine

Model: **TCIM-830**



- Produces up to **830 lbs (376 kg)** of ice per 24 hours
- Eco-friendly **R290** refrigerant: **7.5 oz (213 g)**
- **One-touch** cleaning

FEATURES & BENEFITS

► Maximum Efficiency & Superior Sanitation

- **Patented TrueNcapsuL8® Evaporator:** Fully insulated and sealed for maximum efficiency while inhibiting the growth of mold, bacteria, and biofilm on the backside of the evaporator plate.
- **Industry-leading cycle times:** fast ice production with no harvest assist required.
- **Wide Operating Range:** **35 °F to 110 °F (1.6 °C to 43.3 °C).**
- **TrueGuard™ Antimicrobial Protection:** Integrated into molded components, storage bin liner, and bin door.
- **TrueZone®:** Continuous air purification in the food zone and storage bin with growth-inhibiting technology.
(Optional accessory, sold separately).
- **One-touch cleaning** and tool-free removable components for simplified cleaning and maintenance.

► Monitoring, Programming & Predictive Diagnostics

- **TrueTouch® Smart Touchscreen:** 4.3 in (11 cm) display featuring real-time ice level monitoring, live system status, and diagnostics without complex error codes.
- **Time-of-Flight (ToF) Technology:** Real-time ice level and usage monitoring to **right-size equipment and maximize efficiency**, eliminating the need for thermostat kits.
- **Ice production scheduling.**
- **Gauge-Free Diagnostics:** Integrated high- and low-pressure transducers allow **service without external gauges.**
- **Real-Time Alerts:** Visual, audible, and push notifications.

► Remote Monitoring*

- **TrueConnect®:** Remote access to system data enables **predictive diagnostics and proactive maintenance**, identifying potential issues before they impact operations.
- **Location-based performance optimization.**
- Remote **shutdown** capability.

AIR-COOLED COMMERCIAL ICE MACHINE

(TCIM-830-HA2-A ice machine on TIB-530 bin. Sold separately.)

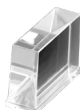
30" W x 24" D x 25" H
(76.2 x 61 x 64 cm)



CUBE SIZES

HALF

3/8" x 1-1/8" x 7/8"
(9.5 x 28.6 x 22.2 mm)



FULL

7/8" x 7/8" x 7/8"
(22.2 x 22.2 x 22.2 mm)



LARGE

1-1/8" x 1-1/8" x 7/8"
(28.6 x 28.6 x 22.2 mm)



*Coming soon to the marketplace.

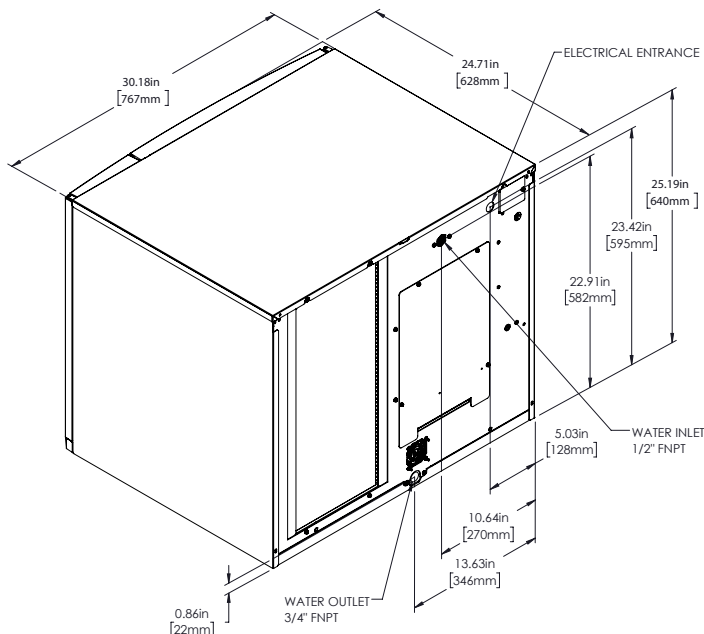
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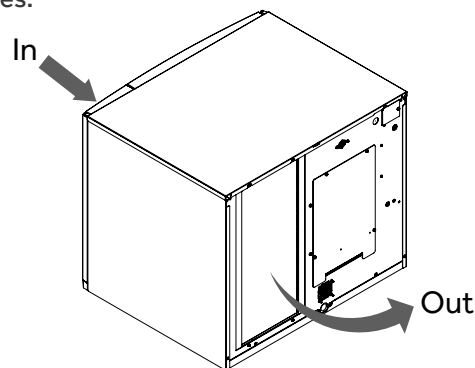


PLAN VIEW



CLEARANCE

PLEASE NOTE: air-cooled units **require 6" (152.4mm) clearance** for air intake and exhaust on the left, right, and back sides.



ADDITIONAL FEATURES

- TrueTech® clear-coated exterior: Corrosion and fingerprint resistant
- Removable air filter and RCU technology
- Micro-channel condenser for superior efficiency
- Ultra-quiet fan operation

SPECIFICATIONS

AIR COOLED			ICE PRODUCTION / 24 HOURS				Peak Heat of Rejection BTU/hr
True Ice Series Model	Cube Size	Crated Weight (lbs)	70°F Air / 50°F Water (21° Air / 10°C Water)	90°F Air / 70°F Water* (32° Air/21°C Water)			
			Ice Production (lbs)	Ice Production (lbs)	Potable Water Consumption/100lb	Electrical Consumption/100lb	
TCIM-830-HA2-A ●	Half	210 (95 kg)	830 (376 kg)	680 (308 kg)	14.5 gal	4.65 kWh	10,200
TCIM-830-FA2-A ●	Full		800 (363 kg)	650 (295 kg)	14 gal	4.55 kWh	
TCIM-830-LA2-A ●	Large		780 (354 kg)	640 (290 kg)	14.5	4.60 kWh	

• Energy Star Model

ELECTRICAL		CONNECTIONS		OPERATING REQUIREMENTS		
Voltage	Min Circuit Ampacity	Potable Water In	1/2" Female NPT		Minimum	Maximum
208-230/60/1	15	Water Out	3/4" Female NPT	Ambient Air Temp	35°F (1.7°C)	110°F (43.3°C)
		Electrical Connection Junction Box	190-254 VAC/60Hz/1	Water Temp	35°F (1.7°C)	100°F (37.7°C)
				Water Pressure	20 psi (138 kPa)	100 psi (689 kPa)



ACCESSORIES

- TrueZone® ozone air purification device
- True Platinum / Standard water filter kits & replacement cartridges

