

# True Ice Series

Modular Commercial Cube Ice Machine

Model: **TCIM-422**



TrueTouch®



## AIR-COOLED COMMERCIAL ICE MACHINE

(TCIM-422-HA1-A ice machine on TIB-422 bin. Sold separately.)

22" W x 24" D x 22" H  
(56 x 61 x 56 cm)



## CUBE SIZES

### HALF

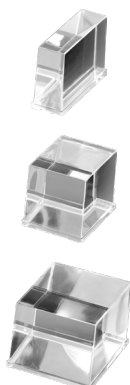
3/8" x 1-1/8" x 7/8"  
(11.1 x 28.6 x 22.2 mm)

### 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)



- Produces up to **450 lbs (204 kg)** of ice per 24 hours
- Exceeds ENERGY STAR® standards by **up to 37%**
- Eco-friendly **R290** refrigerant: **4.3 oz (122 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.

\*Coming soon to the marketplace.

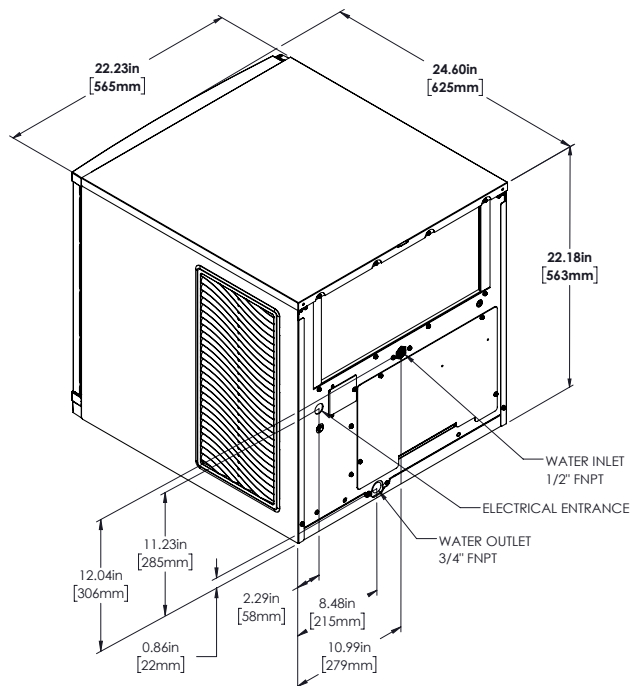
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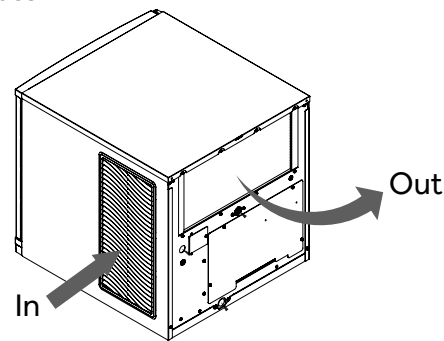


#### PLAN VIEW



#### 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<br>(21° Air / 10°C Water) | 90°F Air / 70°F Water*<br>(32° Air/21°C Water) |                                 |                              |                               |
|                       |           |                     | Ice Production (lbs)                            | Ice Production (lbs)                           | Potable Water Consumption/100lb | Electrical Consumption/100lb |                               |
| TCIM-422-HA1-A ●      | Half      | 164 (74 kg)         | 450 (204 kg)                                    | 348 (158 kg)                                   | 15.2 gal                        | 4.47 kWh                     | 5,700                         |
| TCIM-422-FA1-A ●      | Full      |                     | 440 (200 kg)                                    | 320 (145 kg)                                   | 15 gal                          | 4.55 kWh                     |                               |
| TCIM-422-LA1-A ●      | Large     |                     | 430 (195 kg)                                    | 310 (141 kg)                                   | 15 gal                          | 4.75 kWh                     |                               |

• Energy Star Model

| ELECTRICAL |                      | CONNECTIONS                        |                    |
|------------|----------------------|------------------------------------|--------------------|
| Voltage    | Min Circuit Ampacity | Potable Water In                   | 1/2" Female NPT    |
| 115/60/1   | 15                   | Water Out                          | 3/4" Female NPT    |
|            |                      | Electrical Connection Junction Box | 104-127 VAC/60Hz/1 |

| OPERATING REQUIREMENTS |                  |                   |
|------------------------|------------------|-------------------|
|                        | Minimum          | Maximum           |
| Ambient Air Temp       | 35°F (1.7°C)     | 110°F (43.3°C)    |
| 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

