

# True Ice Series:

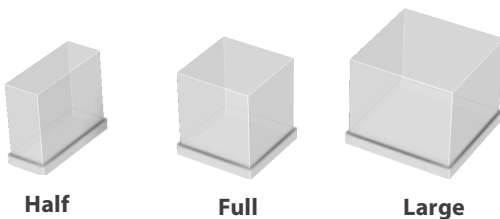
## Modular Cubed Ice Maker

TCIM-522



TCIM-522-HA1-A  
TIB-422

### CUBE SIZES



| Ice Cube Dimensions |                                                   |
|---------------------|---------------------------------------------------|
| Half                | 7/16" x 1-1/8" x 7/8"<br>(11.1 x 28.6 x 22.2 mm)  |
| Full                | 7/8" x 7/8" x 7/8"<br>(22.2 x 22.2 x 22.2 mm)     |
| Large               | 1-1/8" x 1-1/8" x 7/8"<br>(28.6 x 28.6 x 22.2 mm) |

Check availability of full & large cube models.

### FEATURES & BENEFITS

#### Produces up to 560 lbs. of ice per 24 hours

- Environmentally friendly R290 refrigeration system for optimum ice production and energy efficiency
- Up to 37% below Energy Star standards

#### Superior Sanitation

- TrueZone\* protection to purify surrounding air in bin and food zone
- TrueGuard Antimicrobial embedded in every plastic piece including bin liners
- Food zone pieces easily removed without tools
- Simple 1-touch cleaning
- Easily removable air filter with RCU technology

#### Advanced Control with Touch Screen

- 4.3" front display – largest in the industry
- Simple touch operation
- Advanced diagnostics which allows for predictive and proactive measures
- Built-in alarms & push notifications
- Programmable ice production
- Time-of-Flight™ ice sensor eliminates the need for bin thermostats

#### Remote Monitoring Capabilities

- Remote monitoring with easy back end data access
- Location based performance enhancement
- Remote shut off

| Commercial Ice Maker Warranty |                         |
|-------------------------------|-------------------------|
| Ice Maker                     | 3 YEARS parts and labor |
| Compressor                    | 5 YEARS parts           |
| Evaporator                    | 5 YEARS parts and labor |

\*TrueZone device sold as optional accessory

## ADDITIONAL FEATURES

### Evaporator Plate:

- High performance copper
- No harvest assist necessary
- **TrueNcap<sub>SL</sub> L8** Sanitary evaporator fully insulated & sealed for efficiency and cleanliness

### Construction:

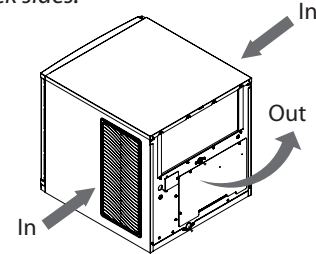
- TrueTech aluminum front and sides, all plastic interior and single piece case for both 22" & 30" units

### Refrigeration System:

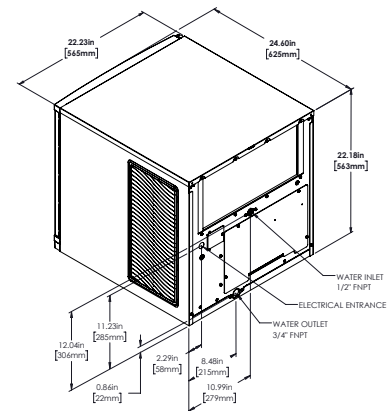
- Environmentally friendly R290 Refrigerant
- High & low pressure transducers for gauge-free servicing
- Micro channel condenser for superior efficiency
- Wide operating range: 35°F to 110°F ambient
- Ultra quiet fan operation

## AIR COOLED

Please note: air-cooled units require 6" (15.24mm) clearance for air intake and exhaust on the left, right, and back sides.



## PLAN VIEW



## SPECIFICATIONS

| Model          | Condenser Type | Refrigerant | Cube Size | Crated Weight (lbs) | @ 70°F air/50°F water   | @ 90°F air/70°F water   |                           |                        | Peak Heat of Rejection | Voltage  | Min Circuit Ampacity |
|----------------|----------------|-------------|-----------|---------------------|-------------------------|-------------------------|---------------------------|------------------------|------------------------|----------|----------------------|
|                |                |             |           |                     | Ice Production per 24hr | Ice Production per 24hr | Potable Water Consumption | Electrical Consumption |                        |          |                      |
| TCIM-522-HA1-A | Air            | R290        | Half      | 164                 | 560 lbs (254 kg)        | 500 lbs (227 kg)        | 14.0 gal/100lb            | 3.9 kWh/100lb          | 7600 BTU/hr            | 115/60/1 | 15                   |
| TCIM-522-FA1-A | Air            | R290        | Full      | 164                 | 560 lbs (254 kg)        | *                       | *                         | *                      | 7600 BTU/hr            | 115/60/1 | 15                   |
| TCIM-522-LA1-A | Air            | R290        | Large     | 164                 | 560 lbs (254 kg)        | *                       | *                         | *                      | 7600 BTU/hr            | 115/60/1 | 15                   |

### OPTIONS & ACCESSORIES

| Water Filter       |                       | Minimum           |                  | Maximum           |  |
|--------------------|-----------------------|-------------------|------------------|-------------------|--|
| Filter System      | Replacement Cartridge | Ambient Air Temp: | 35°F (1.7°C)     | 110°F (43.3°C)    |  |
| P/N 855953         | P/N 855884            | Water Temp:       | 35°F (1.7°C)     | 100°F (37.7°C)    |  |
| <b>CONNECTIONS</b> |                       | Water Pressure:   | 20 psi (138 kPa) | 100 psi (689 kPa) |  |

| Potable water in:                | 1/2" Female NPT | <b>DIMENSIONS</b> |                 |
|----------------------------------|-----------------|-------------------|-----------------|
| Water out:                       | 3/4" Female NPT | W x D x H (in.)   | 22 x 24 x 22    |
| Hole for electrical connections: | 7/8"            | W x D x H (mm)    | 559 x 609 x 559 |

\* Waiting on Energy Star Listing.

