



# Model 830 "X" Series

Modular Cuber



## Features:

- Great performance
- Maximum production capacity is up to 780 lb (354 kg) per day
- Environmentally safe Future Proof™ Refrigerant R-404a
- 100% front serviceability
- Programmable water control
- Compact design – only 30" (76 cm) wide
- All stainless steel panels & frame
- Self-Insulating ABS evaporator housing
- Split-compartment design
- Quick-change merchandising panel
- Microban® antimicrobial product protection inhibits bacteria, mold and mildew
- Extreme energy efficiency – low power consumption, low water usage and lowest total energy cost
- Most consistent harvest control in the market



Quick-change merchandising panel provides space for consumer-targeted promotional messages.



Key components have been reinforced to provide years of durable service. Front serviceability ensures easy access to components.



# Model 830 "X" Series

## Technical Specifications



**Cube size:** 5/8"W x 7/8"H x 7/8"D

**Ice harvest rate pounds per 24 hrs:** Air: 666 lb (302 kg)

**Water:** 700 lb (318 kg) **Remote:** 666 lb (302 kg)

Rated in accordance with ARI Standard 810-91

**Potable water use per 100 lb of ice mfg.:** Air: 16.3 gal (61.9 ltr)

**Water:** 17.4 gal (66.1 ltr) **Remote:** 16.3 gal (61.9 ltr)

**KWH consumption per 100 lb (45 kg):** Air: 6.9

**Water:** 5.6 **Remote:** 6.9

**Ambient temp.:** 50°F - 100°F (10°C - 38°C)

**Water temp.:** 45°F - 90°F (7°C - 32°C)

**Water pressure:** 20-120 psi

**Maximum fuse size:** 20

**Circuit amp:** 20

**Refrigerant type:** R-404a

**Condenser water use per 100 lb (45 kg):**

Water cooled: 116 gal (441 ltr)

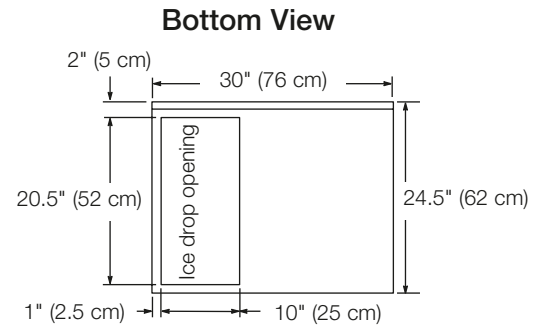
**Graphic dimensions:** 28.63" W x 22.57" H

**Agency listings:**

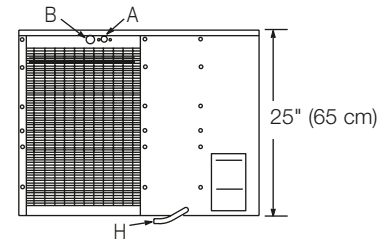


**Recommended storage bins:** B842 P/SS\* – 580 lb (263 kg) cap., B1048 P/SS\* –670 lb (304 kg) cap.

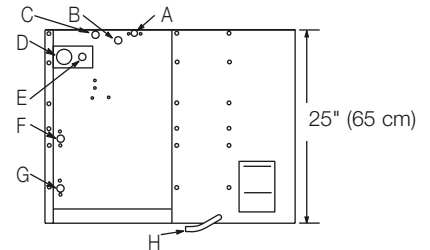
\*Adapter Required Rated in accordance with ARI Standard 820-88



**Rear View (Air Cooled)**



**Rear View (Water Cooled and Remote)**



- A Potable water inlet 3/8" (.95 cm) male flare
- B Electrical service opening 7/8" (2.2 cm) water and air cooled
- C Electrical service opening 7/8" (2.2 cm) remote
- D Aeroquip outlet fitting 1/2" (1.3 cm) remote
- E Aeroquip outlet fitting 3/8" (.95 cm) remote
- F Coolant water outlet 3/8" (.95 cm) male flare water cooled
- G Coolant water inlet 3/8" (.95 cm) male flare water cooled
- H Dump valve drain hose 9/16" (1.4 cm) I.D. by 3/4" (1.91 cm) O.D.

AIR-COOLED/REMOTE AIR-COOLED PRODUCTION CHART			
AIR TEMPERATURE	WATER TEMPERATURE		
	50°F (10°C)	70°F (21°C)	80°F (27°C)
50°F (10°C)	771 lb (350 kg)	752 lb (341 kg)	740 lb (336 kg)
70°F (21°C)	747 lb (339 kg)	730 lb (331 kg)	712 lb (323 kg)
90°F (32°C)	703 lb (319 kg)	666 lb (302 kg)	621 lb (282 kg)

WATER-COOLED PRODUCTION CHART			
AIR TEMPERATURE	WATER TEMPERATURE		
	50°F (10°C)	70°F (21°C)	80°F (27°C)
50°F (10°C)	780 lb (354 kg)	742 lb (337 kg)	715 lb (324 kg)
70°F (21°C)	761 lb (345 kg)	724 lb (328 kg)	693 lb (314 kg)
90°F (32°C)	736 lb (334 kg)	700 lb (318 kg)	676 lb (307 kg)

Model No	Standard Electrical	Condenser	Production 90° (70°) lb (kg)	Shipping Weight lb (kg)	Operating Weight lb (kg)	Voltage Range
XAC830	230V-60-1	Air	666 (302)	211 (95)	182 (82)	198-253V
XWC830	230V-60-1	Water	700 (318)	207 (93)	178 (80)	198-253V
XRC830	230V-60-1	Remote	666 (302)	223 (100)	194 (87)	198-253V



For more information or to place an order, contact your sales representative or authorized distributor.

www.cornelius.com

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