

# QuietQube® Q-Dual Remote

Water-cooled Ice Cube Machine with Patented CVD Technology®



**Manitowoc**



*Q-Dual Ice Cube Machine - 115V*



*CVD Condensing Unit - 208V*



- Single ice machine has “dual ice making” capability. Q-Dual ice machine with CVD 1875 condensing unit produces up to 1,820\* lbs. (826 kgs.) of daily ice production; Q-Dual ice machine with CVD 2075 condensing unit produces up to 2,000\* lbs. (908 kgs.)  
\*Production rating outside the scope of ARI Standard 810.
- QuietQube® Series Remote System consists of a remote condensing unit, interconnecting refrigerant lines, ice machine head section and ice storage unit whether storage bin, countertop or floor-standing dispenser. All ordered separately. QuietQube ice machine with CVD condensing unit is designed as a Manitowoc system and not for use with any other ice machine or remote condenser brand
- Q-Dual ice machine cannot be stacked. However, two Q-Dual ice machines can be placed side by side on a 60 inch Manitowoc F-style bin. Requires ice deflector kit (ordered separately)
- Only 30" (76.2 cm) wide
- Quiet operation eliminates most noise from the refrigeration system. Promotes relaxing atmosphere
- Patented CVD technology® improves reliability and extends life of the compressor
- Ice machine is lighter in weight and 115 volt simplifies installation and reduces installation cost
- Utility connections out the back or top of the unit maximize floor space and provide additional installation options
- Stainless steel exterior with the fit and finish of an appliance, enhances display in any self-serve area
- Patented cleaning and sanitizing technology
- Standard installation criteria facilitates easy replacement of existing remote condenser unit
- Warranty  
5-year parts and 5-year labor coverage on ice machine evaporator  
5-year parts and 3-year labor coverage on ice machine compressor  
3 year parts-and-labor coverage on all other ice machine, dispenser, and storage bin components



ISO 9001:2000  
Quality System Certified

**America's #1 Selling Ice Machine**

Ice Cube & Flake Machines • Ice Storage Bins • Ice Dispensers

**Manitowoc**  
Foodservice Group


# Manitowoc QuietQube® Q-Dual Remote Series

## REMOTE AIR-COOLED ICE MACHINE WITH CVD 1875 OR CVD 2075 CONDENSING UNIT

| Model    | Cube size | Ice production 24 hours |      |          |      | Power kWh/100 lbs.* |      |          |      |
|----------|-----------|-------------------------|------|----------|------|---------------------|------|----------|------|
|          |           | CVD 1875                |      | CVD 2075 |      | CVD 1875            |      | CVD 2075 |      |
|          |           | lbs.                    | kgs. | lbs.     | kgs. | 1 ph                | 3 ph | 1 ph     | 3 ph |
| QDDUAL2C | dice      | 1,530                   | 695  | 1,750    | 795  | 6.1                 | 5.7  | 6.8      | 6.6  |
| QYDUAL4C | half-dice | 1,530                   | 695  | 1,750    | 795  | 6.1                 | 5.7  | 6.8      | 6.6  |

Water usage/100 lbs./45.4 kgs. of Ice  
Potable Water: CVD 1875: 18 gallons, 68.14 liters. CVD 2075: 22.8 gallons, 86.30 liters.

Ice machine for use with ice storage bin or ice dispenser and CVD condensing unit all ordered separately. \*kWh per 100 lbs. is total power of ice machine and condensing unit. Ice machine is 1 ph only. Condensing unit is 1 ph or 3 ph.

 Certified in Accordance with ARI Automatic Commercial Ice-Cube Machines (Batch-Type) Certification Program, which is based on ARI Standard 810

### Ice Machine Electric

115/60/1 standard. (230/50/1 also available, consult factory.)

Total Amps: 1.1

Max. fuse size: 15 amps

HACR-type circuit breakers can be used in place of fuses.

| air temp    | 24-HOUR PRODUCTION †   |       |       |            |       |       | lbs. kgs. |  |  |
|-------------|------------------------|-------|-------|------------|-------|-------|-----------|--|--|
|             | REMOTE AIR-COOLED UNIT |       |       |            |       |       |           |  |  |
|             | water temp             |       |       | water temp |       |       | CVD 2075  |  |  |
|             | CVD 1875               |       |       | CVD 2075   |       |       | CVD 2075  |  |  |
| °F          | 50°                    | 70°   | 90°   | 50°        | 70°   | 90°   |           |  |  |
| °C          | 10°                    | 21°   | 32°   | 10°        | 21°   | 32°   |           |  |  |
| -20° to 70° | 1,820                  | 1,670 | 1,560 | 2,000      | 1,800 | 1,700 |           |  |  |
| -29° to 21° | 826                    | 758   | 708   | 908        | 817   | 772   |           |  |  |
| 90°         | 1,650                  | 1,530 | 1,420 | 1,930      | 1,750 | 1,650 |           |  |  |
| 32°         | 749                    | 695   | 645   | 876        | 795   | 749   |           |  |  |
| 100°        | 1,530                  | 1,410 | 1,300 | 1,810      | 1,650 | 1,550 |           |  |  |
| 38°         | 695                    | 640   | 590   | 822        | 749   | 704   |           |  |  |

†Production for Dice and Half Dice cubes. Regular cube is 7% less than chart and kWh/100 lbs. increases 7%.

### Specifications

#### BTU Per Hour:

CVD 1875: 28,000 (average) 42,000 (peak)  
CVD 2075: 39,000 (average) 53,000 (peak)

#### Compressor:

CVD 1875: Nominal rating: 3.5 HP  
CVD 2075: Nominal rating: 5.0 HP

#### Operating Limits:

- Ambient Temperature Range: 35° to 110°F (1.6° to 43.4°C)
- Water Temperature Range: 33° to 90°F (0.6° to 32.2°C)
- Water Pressure Ice Maker Water In: Min. 20 psi (137.9 kPa)  
Max. 80 psi (551.1 kPa)

### 2 Cube Sizes Available



Half Dice  
3/8" x 1 1/8" x 7/8"  
(.95 x 2.86 x 2.22 cm)



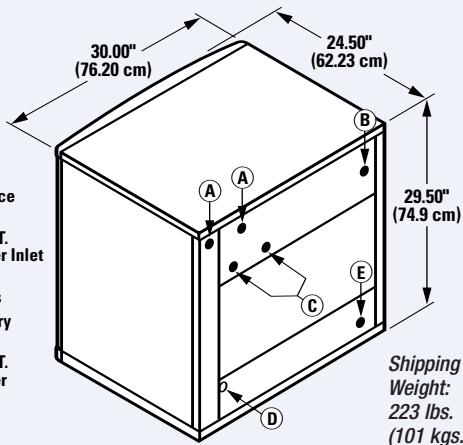
Dice  
7/8" x 7/8" x 7/8"  
(2.22 x 2.22 x 2.22 cm)



ISO 9001:2000  
Quality System Certified

### Q-Dual Ice Machine

- (A) Electrical Entrance (2) Options
- (B) 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
- (C) Suction & Liquid Line Connections
- (D) AuCS® Accessory Knockout
- (E) 1/2" (1.27 cm) F.P.T. Ice Making Water Drain



## CVD REMOTE CONDENSING UNIT EITHER CVD 1875 OR CVD 2075

### Installation Information and Dimensions:

Maximum Line Length—100' (30.5 m).\*

Maximum Vertical Rise—35' (10.7 m) above ice machine.

Maximum Vertical Drop—15' (4.5 m) below ice machine.

\*A rise over 20' (6 m) requires S-Trap Kit K-00164 - ordered separately.



### Condensing Unit Electric

#### 208-230/60/1 standard.

208-230/60/3 and 230/50/1 also available. 50 Hz version of this model meets the international standard, IEC335-1, requirements for "tropical rating," the most severe duty rating an ice machine can obtain, (consult factory). HACR-type circuit breakers can be used in place of fuses. **Note:** QuietQube ice machine is 115/60/1 and wired independent of CVD condensing unit.

#### Min. circuit ampacity:

| CVD 1875 | CVD 2075 |
|----------|----------|
| 24.3 1ph | 27.1 1ph |
| 16.1 3ph | 19.9 3ph |

#### Max. fuse size:

| CVD 1875    | CVD 2075    |
|-------------|-------------|
| 40 amps 1ph | 50 amps 1ph |
| 30 amps 3ph | 40 amps 3ph |

HACR-type circuit breakers can be used in place of fuses.

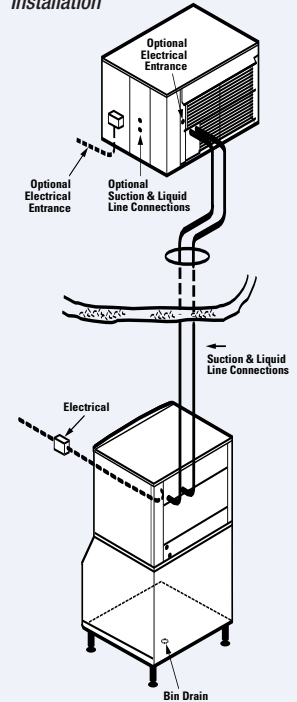
#### Operating Limits:

- Ambient Temperature Range: -20° to 130°F (-29° to 54°C)

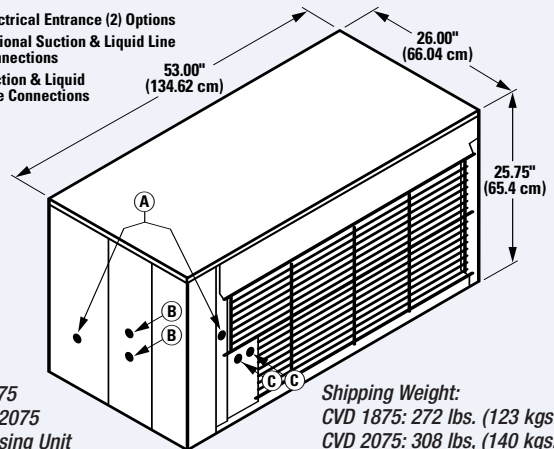
#### Standard Interconnecting Tubing

| Model | Line Length |      | Weight |      |
|-------|-------------|------|--------|------|
|       | ft.         | m.   | lbs.   | kgs. |
| RC-22 | 20          | 6.2  | 19     | 9    |
| RC-32 | 30          | 9.2  | 27     | 12   |
| RC-52 | 50          | 15.2 | 38     | 17   |

### Typical Installation



- (A) Electrical Entrance (2) Options
- (B) Optional Suction & Liquid Line Connections
- (C) Suction & Liquid Line Connections



Either  
CVD 1875  
or CVD 2075  
Condensing Unit

Shipping Weight:  
CVD 1875: 272 lbs. (123 kgs.)  
CVD 2075: 308 lbs. (140 kgs.)

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