

KOOLAIRE

By  MANITOWOC

ES Series 90 Ice Cube Machine

ES Series 90 Ice Cube Machine

Model: ☐ ES90A-251Z



ES-90

- Up to 54 kgs. (118.94 lbs.) daily ice production
- 14 kgs. (30.90 lbs.) ice storage capacity
- Only 19.69" (50.00 cm) wide, 22.34" (56.74 cm) deep and 31.10" (79 cm) high
- R-134A CFC-free refrigerant
- Front air intake and exhaust
- Stainless steel exterior with the fit and finish of an appliance
- Easy access door, slides up and out of the way
- Easy access air filter designed for longer operation in greasy and dusty environments
- cleaning and sanitizing technology
- Storage bin liner is fabricated by rotational molding with polyethylene, no seamless and better insulation for ice storage
- CFC-free polyurethane foaming technology, better insulation for refrigeration efficiency
- Apply the system of control board plus float valve and ice thickness probe, improve the reliability and longevity of ice machine

Ice Machine Electric

220-240/50/1 standard
Power: 477W
Total ampacity: 4.0 amps.
Maximum fuse size: 15 amps.

Specifications

BTU Per Hour:
1,750 (average) 26,00 (peak)

Compressor:
Nominal rating: 1/3 HP

Operating Limits:

- Ambient Temperature Range:
10°C to 40°C
Water Temperature Range:
10°C to 32°C
- Water Pressure Ice Maker
Water In:
Min. 140 kPa
Max. 560 kPa

Cube Size Available



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



1. VOLTAGE: 220-240V/50/1 standard
2. POWER: 477W
3. TOTAL AMPACITY: 4.0 amps.
4. MAXIMUM FUSE SIZE: 15 amps.

5. AMBIENT TEMPERATURE RANGE:
10°C to 40°C
6. WATER TEMPERATURE RANGE:
10°C to 32°C

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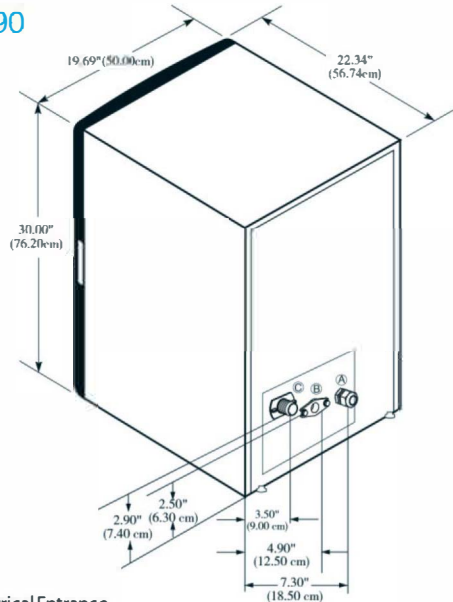
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- Ⓐ Electrical Entrance
- Ⓑ 1/2" (1.27cm) NPT Ice Making Water Inlet
- Ⓒ 7/8" (2.22cm) BARBED Ice Making Water Drain/Bin Drain

Installation Note - Minimum installation clearance:
Top/sides/back: 12.7cm

Space-Saving Designs ES-90



| | |
|-------------|-----------------------|
| Height | 31.10" 79.00 cm |
| Width | 19.70" 50.00 cm |
| Depth | 22.40" 57.00 cm |
| Bin Storage | 30.90 lbs. 14 kgs. |

24 - Hour Production (kgs.)

| Air-Cooled Units | | | |
|------------------|------------|-----|-----|
| Air Temp | Water Temp | | |
| °C | 10° | 21° | 32° |
| 10° | 54 | | |
| 21° | 50 | | |
| 32° | | 39 | |
| 40° | | | 26 |

| Model | Ice Shape | Ice Production 24 Hours | | Power Usage kWh/100 lbs. of ice | Water Usage /100 lbs. of ice |
|------------|-----------|-------------------------|------|---------------------------------------|---------------------------------|
| | | lbs. | kgs. | | |
| ES90A-251Z | dice | 86 | 39 | 12.2 | 139L |

Test condition: 32°C Air/21°C Water

Air Flow Front View



Air in left, air out right, no side vents.

Air Filter



Slides out from left side front without tools, easy to clean, reusable filter protects condenser from grease and dust.

Easy Access Door



Easy access door, slides up and out of the way.

©2017 Manitowoc 07/25 Continuing product improvement may necessitate change of specifications without notice.

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