

Series EC 80

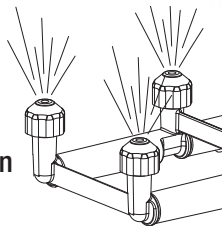


EC 80

Compact size. Produces up to 79 kgs. of standard size cubes; 94 kgs. of large size cubes of ice every 24 hours with a storage capacity of 44 kgs. Ideal for any small-volume ice need



- Spray style evaporator design for individual ice cube formation



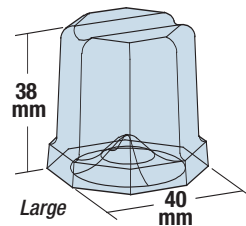
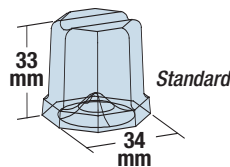
- Attractive Manitowoc stainless steel cabinet design with textured ABS accents
- Easy access door, slides up and out of the way
- Cleaning and sanitizing capability
- Front air intake and exhaust facilitates installation undercounter or as built-in
- 2-year parts warranty

Manitowoc Series EC 80

Model	Cube Size	Condenser	Potable Water Usage Liter/10 kgs.	Power kWh/10 kgs	Storage Bin Capacity
EC-S080A	Standard	Air	18	1.45	44 kgs
EC-G080A	Large	Air	12	1.45	44 kgs
EC-S080W	Standard	Water	15	0.92	44 kgs
EC-G080W	Large	Water	13	0.92	44 kgs

Number of individual cubes/cycle: 40 cubes.

2 Cube Sizes Available



Cube Type	Weight	Diameter	Height
Standard	19/20 g	34 mm	33 mm
Large	32/34 g	40 mm	38 mm

Ice Machine Electric

230/50/1 or 230/60/1.

Total Amps (50 and 60 cycle)

Air-cooled – 4.4 amps.

Water-cooled – 4.0 amps.

Maximum fuse size:

Air and Water-cooled – 10 amps.

24-HOUR PRODUCTION

AIR-COOLED UNITS

air temp	Standard Cube			Large Cube		
	water temp	water temp	water temp	water temp	water temp	water temp
°C	10°	20°	30°	10°	20°	30°
10°	78.1			93.3		
20°	67.3	59.1	50.2	78.4	73.0	66.9
30°	58.2	50.0	41.9	65.1	59.6	54.2

Specifications

BTU Per Hour:

4,290 (average) 7,400 (peak)

Compressor:

Nominal rating: 0.33 HP

Operating Limits:

- Ambient Temperature Range 10-43°C.

- Potable Water Temperature Range 10-40°C.

- Potable Water Pressure Ice Maker Water In:

- Min 1.4 bar

- Max 5.5 bar

- Condenser Inlet Water In:

- (water-cooled model)

- Min 1.4 bar

- Max 10.3 bar

Refrigerant:

R-404A

Ice Storage:

One piece bin liner (seamless) polyethylene.

Insulation:

Foamed-in-place with CFC-FREE foam.



24-HOUR PRODUCTION

WATER-COOLED UNITS

air temp	Standard Cube			Large Cube		
	water temp	water temp	water temp	water temp	water temp	water temp
°C	10°	20°	30°	10°	20°	30°
10°	74.0			81.0		
20°	72.0	62.0	51.0	77.0	70.0	61.0
30°	71.0	61.0	51.0	75.0	67.0	60.0

Levelers

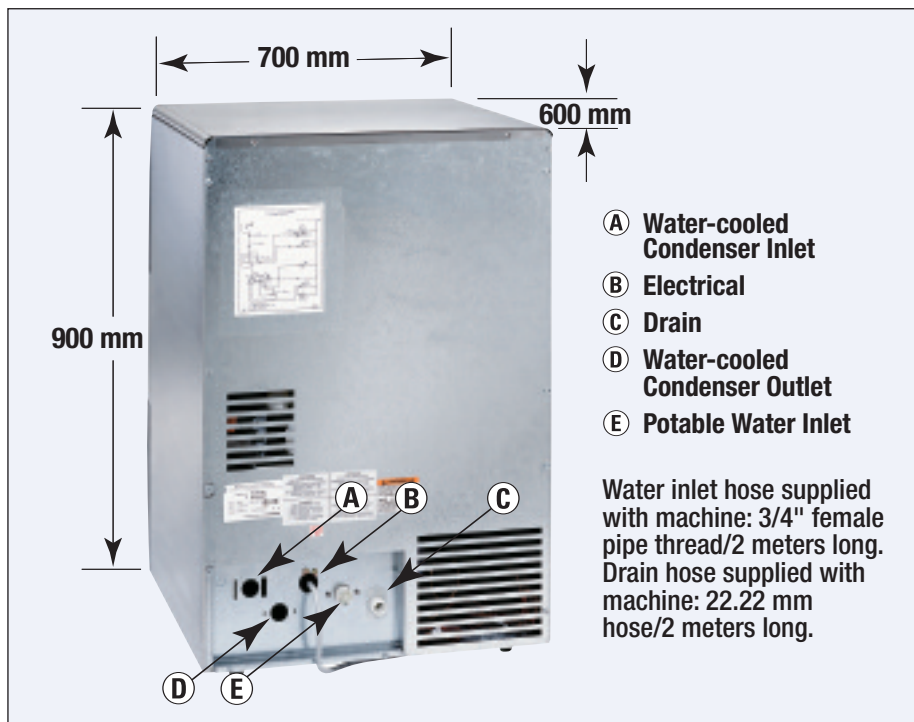


Levelers



Legs

Levelers standard. Adjustable legs from 101-152 mm optional.



- (A) Water-cooled Condenser Inlet
- (B) Electrical
- (C) Drain
- (D) Water-cooled Condenser Outlet
- (E) Potable Water Inlet

Water inlet hose supplied with machine: 3/4" female pipe thread/2 meters long. Drain hose supplied with machine: 22.22 mm hose/2 meters long.

Installation Clearance None required top and sides but allow space for water supply, drain, and electrical connection in back.

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MANITOWOC FOODSERVICE EUROPE sr.l.
 Viale Edison, 13 20090 Trezzano sul Naviglio (MI)
 Tel +39-02-48401756 • Fax +39-02-4450784
 Visit us online at www.manitowocice.com
www.icetronic.it • europe@manitowocice.com

