

Preliminary

## Series EC 30

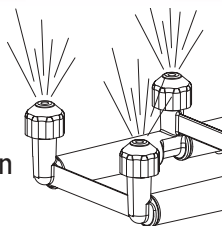


EC 30

Compact size. Produces up to 31 kgs. of standard size cubes; 39 kgs. of large size cubes of ice every 24 hours with a storage capacity of 10 kgs. Ideal for any small-volume ice need



- Spray style evaporator design for individual ice cube formation



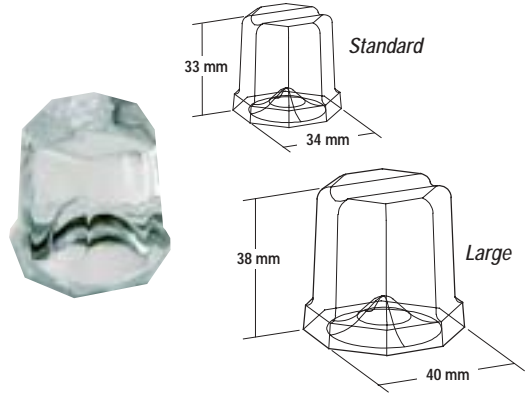
- Attractive Manitowoc stainless steel cabinet design with textured ABS accents
- Easy access door, slides up and out of the way
- Cleaning and sanitizing capability
- Front air intake and exhaust facilitates installation undercounter or as built-in
- 2 year parts warranty

# Manitowoc Series EC 30

Model	Cube Size	Condenser	Storage Bin Capacity
EC-S030A	Standard	Air	10 kgs
EC-G030A	Large	Air	10 kgs
EC-S030W	Standard	Water	10 kgs
EC-G030W	Large	Water	10 kgs

Water usage 10 kgs of ice • Potable water 22 liters

## 2 Cube Sizes Available



## Ice Machine Electric

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

Total Amps (50 cycle)

Maximum fuse size:

Air and Water-cooled – 15 amps.

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

## 24-HOUR PRODUCTION

### AIR & 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°	31			39		
20°	27	24	21	35	32	29
30°	22	20	19	30	28	27

## Specifications

### 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:

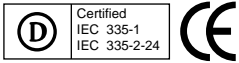
R-134A

### Ice Storage:

One piece bin liner (seamless) polyethylene.

### Insulation:

Foamed-in-place with CFC-FREE foam.



## Levelers

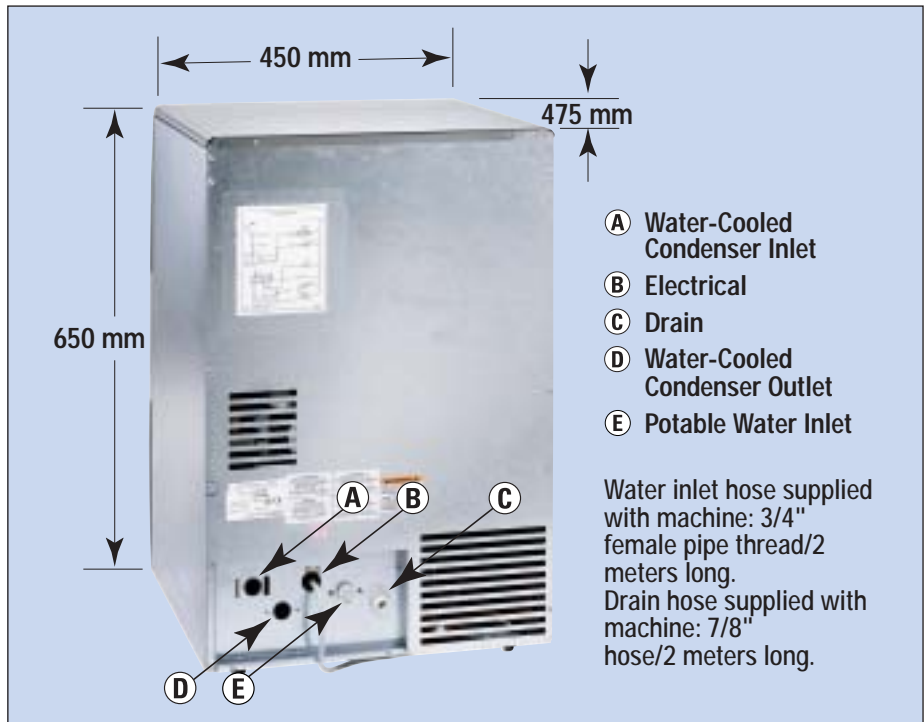


Levelers



Legs

Levelers standard. Adjustable legs from 114-159 mm optional.



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

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# Preliminary



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# Series EC 50

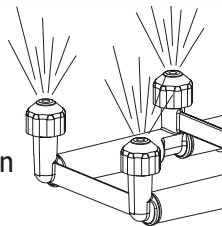


EC 50

Compact size. Produces up to 50 kgs. of standard size cubes; 63 kgs. of large size cubes of ice every 24 hours with a storage capacity of 25 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 50

Model	Cube Size	Condenser	Potable Water Usage Liter/10 kgs.	Power kWh/45.4 kgs	Storage Bin Capacity
EC-S050A	Standard	Air	24	12.9	25 kgs
EC-G050A	Large	Air	14	12.6	25 kgs
EC-S050W	Standard	Water	23	11.1	25 kgs
EC-G050W	Large	Water	14	11.0	25 kgs

Water usage 45.4 kgs of ice • Potable water 146 liters

Number of individual cubes/cycle: 40 cubes.

## Ice Machine Electric

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

**Total Amps** (50 cycle)

Air-cooled – 4.0 amps.

Water-cooled – 3.7 amps.

**Maximum fuse size:**

Air and Water-cooled – 15 amps.

## Specifications

**BTU Per Hour:**

2,600 (average) 5,000 (peak)

**Compressor:**

Nominal rating: 0.5 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:**

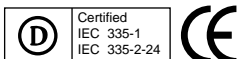
R-134A

**Ice Storage:**

One piece bin liner (seamless) polyethylene.

**Insulation:**

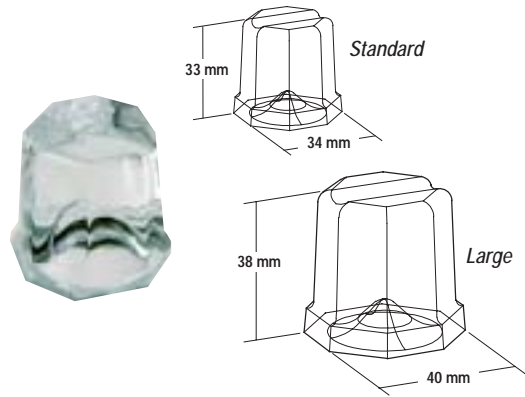
Foamed-in-place with CFC-FREE foam.



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

24-HOUR PRODUCTION		
AIR & WATER-COOLED UNITS		
air temp	Standard Cube	Large Cube
	water temp	water temp
°C	10' 20' 30'	10' 20' 30'
10'	50	63
20'	43 40 36	55 51 48
30'	39 35 31	47 44 40

## 2 Cube Sizes Available



## Levelers

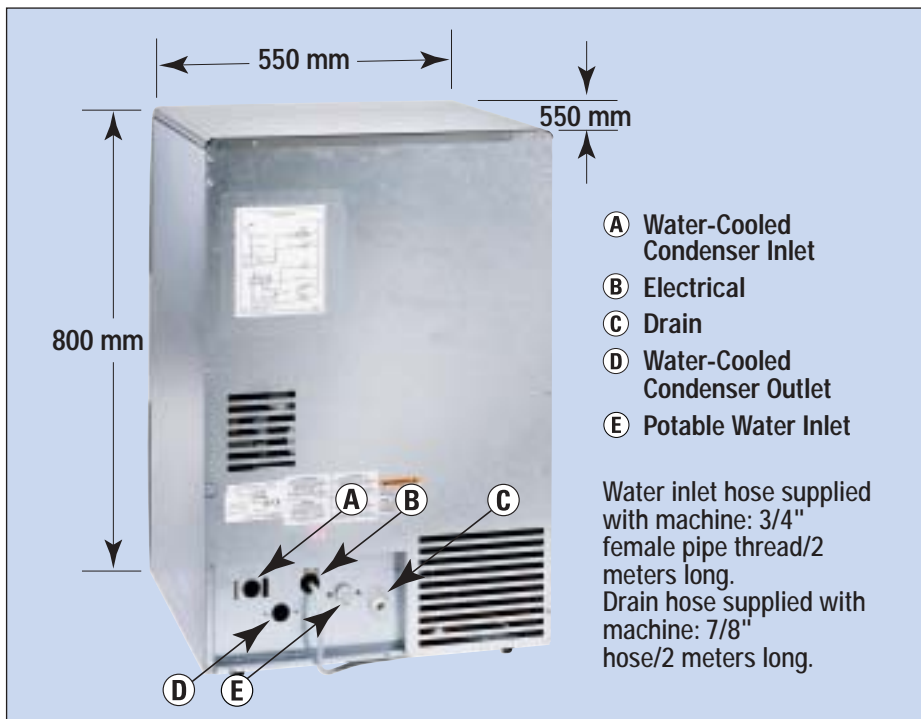


Levelers



Legs

Levelers standard. Adjustable legs from 114-159 mm optional.



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

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# Series EC 80

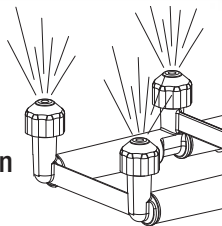


EC 80

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



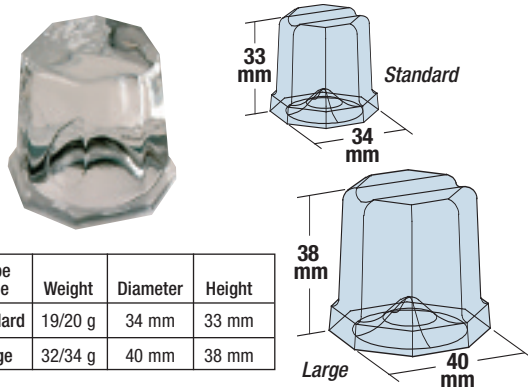
- Attractive Manitowoc stainless steel cabinet design with textured ABS accents
- Easy access door, slides up and out of the way
- Cleaning and sanitizing capability
- Front air intake and exhaust facilitates installation undercounter or as built-in
- 2-year parts warranty

# 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

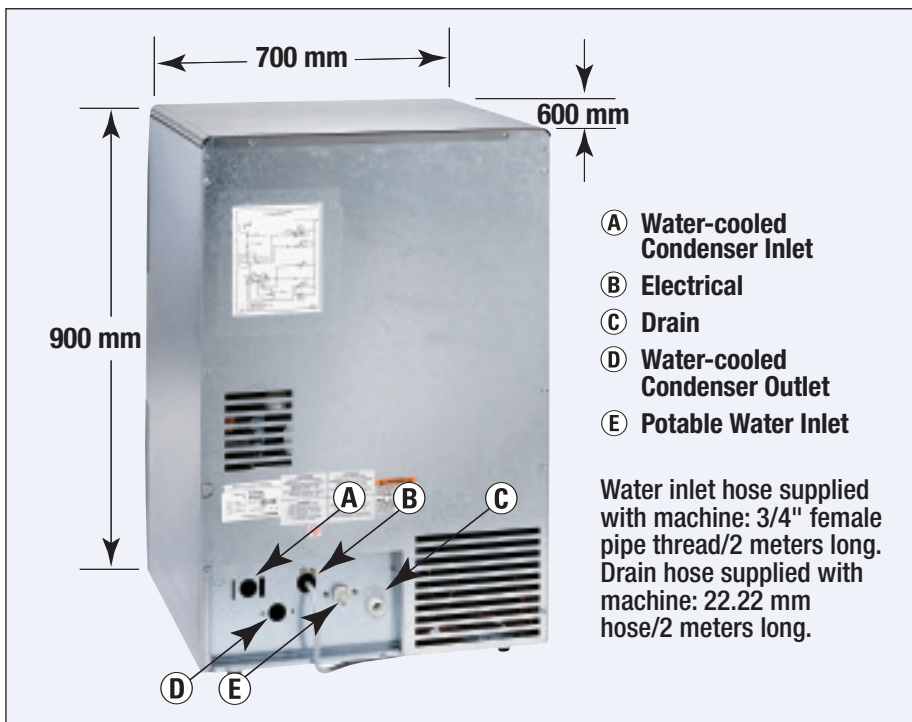


Levelers



Legs

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



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