NEO®

310 SERIES

Undercounter Ice Cube Machine

URP0310A | UDP0310A | UYP0310A | UDP0310W | UYP0310W



ICE SHAPES



- **Half-Dice:** 3/8" x 1 1/8" x 7/8" (0.95 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)



- **Regular:** 1 1/8" x 1 1/8" x 7/8" (2.86 x 2.86 x 2.22 cm)

SIZE

- Up to 330 lbs (150 kgs) of daily ice production
- 30" (76.20 cm) wide, 28.50" (72.4 cm) deep, and 38.50" (97.8 cm) high on 6" (15.24 cm) legs
- 4.1 ft^3 (0.116 m^3) cabinet volume
- 100 lb (45.4 kg) ice storage capacity*

*Application capacity based on 90% volume x 33 lbs./ft^3 average density of ice

SPECIFICATIONS

Refrigerant: R290

- Air-cooled: 5.22 oz (148 g)

BTU Per Hour:

- Air-cooled:
  - 5,500 (average)
  - 6,500 (peak)

Compressor: Nominal rating 0.5 Hp

Operating Limits:

- Ambient temperature range: 50˚ to 100˚F (10˚ to 37.7˚C)
- Water temperature range: 45˚ to 90˚F (4.4˚ to 32.2˚C)
- Water pressure ice maker
  - Water in
    - Min. 20 psi (137.9 kPA)
    - Max. 80 psi (551.1 kPA)
- Condenser inlet water in
  - Water-cooled only
    - Min. 20 psi (137.9 kPA)
    - Max. 150 psi (1,034.2 kPA)

Power:

115/60/1 (208-230/60/1 and 230/50/1 available) 115/60/1 ice machines are factory pre-wired with an 8 ft (243 cm) power cord and NEMA 5-15P-plug configuration. 208-230/60/1 ice machines are factory pre-wired with an 8 ft (243 cm) power cord only, no plug is supplied.

- Minimum circuit ampacity
  - Air-cooled 115V: 8 amps
  - Air-cooled 280V: 5 amps
  - Water-cooled 115V: 7 amps
- Maximum fuse size (air- and water-cooled)
  - 115V: 15 amps
  - 208V: 15 amps
  - HACR-type circuit breakers can be used in place of fuses

FEATURES



Touchpad

Easy to read and use touchpad - on/off, delay/repeat, clean, filter change, full bin, service indicator



Onboard Water Filtration

Integrated water filtration enhances performance and ice quality; replacement filters available in 5-micron (K00530) and 0.5-micron (K00531)



Air Flow / Installation

Front ventilation is ideal for installation under countertops or next to other equipment

Optional floor-sealing configuration with legs not installed, remains front-serviceable



Removable Bin

Removable, forward-sliding storage bin allows for easy access to refrigeration components for cleaning and maintenance

Manitowoc
FROM PENTAIR WATER SOLUTIONS

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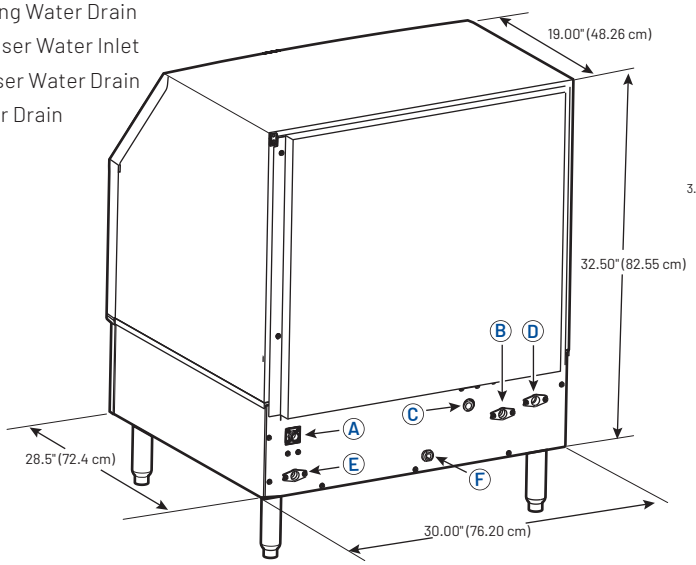
URP0310A | UDP0310A | UYP0310A | UDP0310W | UYP0310W

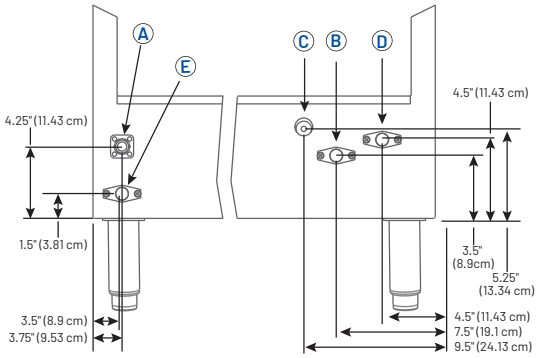
INSTALLATION

Ice machine must be installed indoors.

Recommended clearance for the top, side,and back is 5" (12.7 cm). No minimum clearance is required.

A 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
B 1/2" (1.27 cm) F.P.T. Ice Making Water Drain
C 3/8" (0.95 cm) F.P.T. Condenser Water Inlet
D 1/2" (1.27 cm) F.P.T. Condenser Water Drain
E 1/2" (1.27 cm) F.P.T. Bin Water Drain
F Electrical Entrance





SPECIFICATIONS

	Model	Ice Shape	Shipping Weight	Ice Production 24 Hours: 70°Air/50°F Water 21°Air/10°C Water	Ice Production 24 Hours: 90°Air/70°F Water 32°Air/21°C Water	@ 90° Air/70°F Water (32° Air/21°C Water): Power Usage kWh per 100 lbs of Ice 1 ph	3 ph	Ice Machine Potable water usage per 100 lbs Ice	Condenser Water Usage per 100 lbs Ice
Air Cooled	URP0310A	Regular	208 lbs (94 kgs)	300 lbs (136 kgs)	245 lbs (111 kgs)	5.85 ★	n/a	15.5 gal (58.67 L)	n/a
Air Cooled	UDP0310A	Dice	208 lbs (94 kgs)	315 lbs (142 kgs)	263 lbs (119 kgs)	5.85 ★	n/a	15.5 gal (58.67 L)	n/a
Air Cooled	UYP0310A	Half-Dice	208 lbs (94 kgs)	330 lbs (150 kgs)	270 lbs (122 kgs)	5.85 ★	n/a	15.5 gal (58.67 L)	n/a
Water Cooled	UDP0310W	Dice	211 lbs (96 kgs)	300 lbs (136 kgs)	280 lbs (127 kgs)	4.66	n/a	15.5 gal (58.67 L)	160 gal (605 L)
Water Cooled	UYP0310W	Half-Dice	211 lbs (96 kgs)	310 lbs (140 kgs)	290 lbs (132 kgs)	4.66	n/a	15.5 gal (58.67 L)	160 gal (605 L)

Standard 6" (15.24 cm) adjustable leg and standard plastic NEO ice scoop are included.
Optional LuminIce II kit available, part number K00519.

★ Energy Star Model

Limited Commercial Warranty

Ice Maker Three (3) years parts and labor

Evaporator Five (5) years parts and labor

Compressor Five (5) years parts, three (3) years labor

Manitowoc
FROM PENTAIR WATER SOLUTIONS

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