



# 310 SERIES

## Undercounter Ice Machines

URP0310A | UDP0310A | UDP0310W | UYP0310A | 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
- ▶ 3.99 ft<sup>3</sup> (0.113 m<sup>3</sup>) cabinet volume
- ▶ 119 lb (54 kg) ice storage capacity\*

\*Application capacity based on 90% volume x 33 lbs./ft<sup>3</sup> average density of ice



### SPECIFICATIONS

Refrigerant R290

BTU Per Hour

- ▶ 5,500 (average)
- ▶ 6,500 (peak)

Compressor: Nominal rating 0.5 HP

Cupra-Nickel Condenser: (Water-cooled models)  
Adds protection from corrosive water elements

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

Total Amps

- ▶ 115/60/1 Air-cooled 8 amps, Water-cooled: 7 amps
- ▶ 208-230/60/1 Air-cooled: 5 amps

Maximum Fuse Size

- ▶ Air and water-cooled: 15 amps
- ▶ HACR-type circuit breakers can be used in place of fuses



Power  
Delay  
Clean  
Filter  
Full Bin  
Service

#### Touchpad

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



#### Onboard Water Filtration

Integrated water filtration improves machine efficiency and performance while ensuring cleaner, clearer, and great-tasting ice



#### Air Flow

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



#### Removable Bin

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

# NEO<sup>®</sup> 310 SERIES

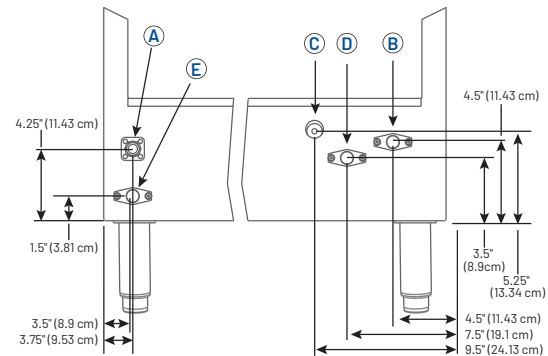
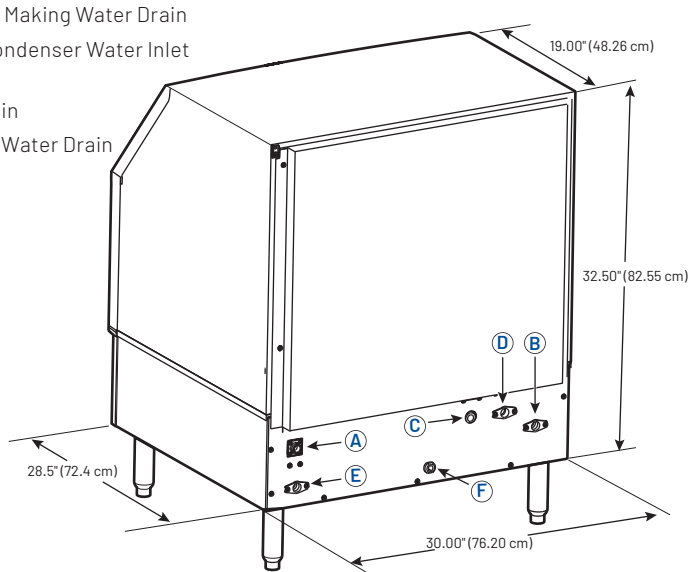
## Undercounter Ice Machines

URP0310A | UDP0310A | UDP0310W | UYP0310A | UYP0310W

### INSTALLATION

Recommended clearance for top, sides and back is 5" (12.7 cm) however, there is no minimum clearance 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



### 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

### SPECIFICATIONS

		Ice Production 24 Hours				Power Usage kWh per 100 lbs. of ice 90° Air/70°F Water (32° Air/21°C Water)	Potable water usage gal/100 lbs. ice @ 90° Air/70°F Water (32° Air/21°C Water)
Model	Ice Shape	70°Air/50°F Water 21°Air/10°C Water		90°Air/70°F Water 32°Air/21°C Water			
URP0310A	Regular	300 lbs	136 kg	245 lbs	111 kg	5.85	15.5 gal (58.67 L)
UDP0310A	Dice	315 lbs	142 kg	263 lbs	119 kg	5.85	15.5 gal (58.67 L)
UDP0310W	Dice	300 lbs	136 kg	280 lbs	127 kg	4.66	15.5 gal (58.67 L)
UYP0310A	Half-Dice	330 lbs	150 kg	270 lbs	122 kg	5.85	15.5 gal (58.67 L)
UYP0310W	Half-Dice	310 lbs	140 kg	290 lbs	132 kg	4.66	15.5 gal (58.67 L)

Water-cooled condensers: Water Usage / 100 lbs (45.4 kg) of Ice: 160 gal (605 liters)  
Standard 6" (15.24 cm) adjustable leg. Standard plastic NEO ice scoop included.



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