

NEO® 310 Undercounter Ice Machines

Models

- URF-0310A UDF-0310W UYF-0310W
- UDF-0310A UYF-0310A



U-310

- Up to 295 lbs (134 kg) 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
 - Cabinet volume 3.99 ft³ (0.113 m³)
 - 119 lb. (54 Kg) ice storage capacity*
- * Application capacity based on: 90% volume x 33lbs/ft3 average density of ice.

NEO undercounter ice machines are designed to provide ice right where you need it – within reach. Improvements in **Performance, Intelligence and Convenience** make your ice machine easy to own and less expensive to operate.

Performance – NEO produces more ice than ever before while using less water and energy. The storage bin provides industry leading capacity.

Intelligence – NEO provides feedback with full bin and service indicators. Delay function allows you to pause your machine for slow periods or days when you're closed.

Convenience – NEO offers a forward-sliding storage bin for easy access to refrigeration components without having to move the entire ice machine. Smooth, sealed food-zone with removable water trough, distribution tube, and damper door for faster cleaning. AlphaSan added to key internal components.

Available **LuminIce® Growth Inhibitor** extends cleaning intervals by reducing yeast and bacteria growth keeping your ice machine cleaner, longer.

Specifications

BTU Per Hour:
4,600 (average)
5,450 (peak)

Compressor:
Nominal rating: .75 HP

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

- Operating Limits:**
- Ambient Temperature Range: 40° to 110°F (4.4° to 43.3°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)



Ice Shape



Half Dice
3/8" x 1 1/8" x 7/8"
(.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)

Ice Machine Electric

115/60/1. (208-230/60/1 and 230/50/1 available.) 115/60/1 ice machines are factory pre-wired with a 6' (180 cm) power cord and NEMA 5-15P-plug configuration. 208-230/60/1 ice machines are factory pre-wired with a 6' (180 cm) power cord only, no plug is supplied.

Total Amps:
115/60/1 Air-cooled and Water-cooled: 10 amps
208-230/60/1 Air-cooled: 4.5 amps

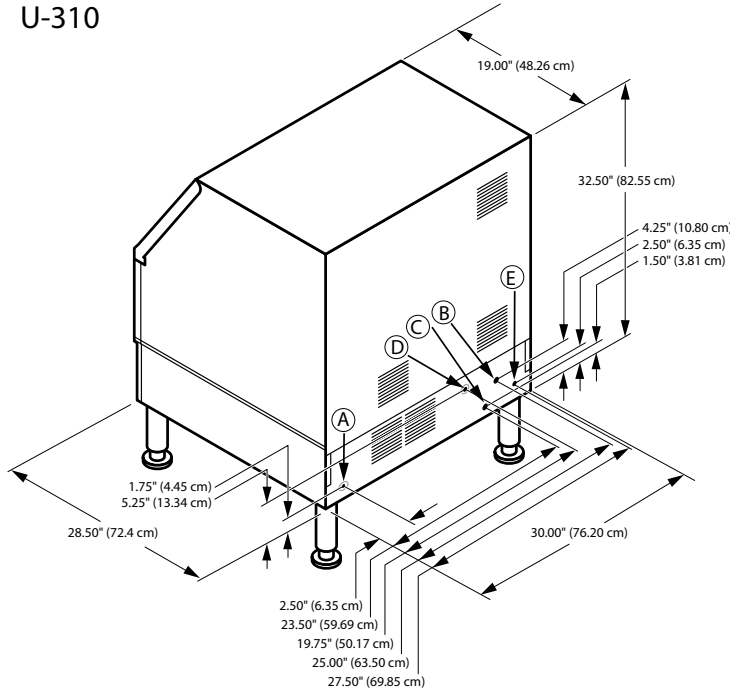
Maximum fuse size:
Air and Water-cooled: 15 amps
HACR-type circuit breakers can be used in place of fuses.



COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001:2008 =



U-310



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

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

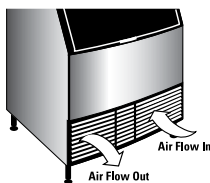
Specifications

| Model | Ice Shape | Ice Production 24 Hours | | | | Power kWh/ 100 lbs. @ 90°/70°F 32°/21°C | Potable water usage gal/100 lbs. ice @90/70°F |
|-----------|-----------|--|--------|--|--------|--|---|
| | | 70°Air/50°F Water 21°Air/10°C Water | | 90°Air/70°F Water 32°Air/21°C Water | | | |
| URF-0310A | regular | 278 lbs | 126 kg | 221 lbs | 100 kg | 7 | 15.5 |
| UDF-0310A | dice | 286 lbs | 130 kg | 233 lbs | 106 kg | 7 | 15.5 |
| UDF-0310W | dice | 295 lbs | 134 kg | 252 lbs | 114 kg | 5.6 | 15.5 |
| UYF-0310A | half-dice | 290 lbs | 132 kg | 235 lbs | 107 kg | 7.2 | 15.5 |
| UYF-0310W | half-dice | 293 lbs | 133 kg | 267 lbs | 121 kg | 5.5 | 15.5 |

Water-cooled condensers Water Usage / 100 lbs/45.4 kgs. of Ice: 183 gal./693 liters

Standard 6" / 15.24 cm adjustable flange foot - gray painted legs included.
Standard plastic NEO ice scoop included.

Air Flow



Air in right, air out left, no side vents. Great for installation under countertops and next to other equipment.

Removable Bin



Air Filter



Simple, tool-free removal for quick access during routine cleaning and maintenance.