

NEO™ 310 Undercounter Ice Machines

Models

☐ UR-0310A
☐ UD-0310A

☐ UD-0310W
☐ UY-0310A

☐ UY-0310W


U-310

- Up to 304 lbs (138 kg) of daily ice production
- 30" (76.20 cm) wide, 28.00" (67.31 cm) deep, and 38.50" (82.55 cm) high on 6" (15.24 cm) legs
- 100 lb. (45.35 kg) ice storage capacity

Power
Delay
Clean
Full Bin
Service

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 short 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
 $\frac{3}{8}$ " x $1\frac{1}{8}$ " x $\frac{7}{8}$ "
 (.95 x 2.86 x 2.22 cm)



Dice
 $\frac{7}{8}$ " x $\frac{7}{8}$ " x $\frac{7}{8}$ "
 (2.22 x 2.22 x 2.22 cm)



Regular
 $1\frac{1}{8}$ " x $1\frac{1}{8}$ " x $\frac{7}{8}$ "
 (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:

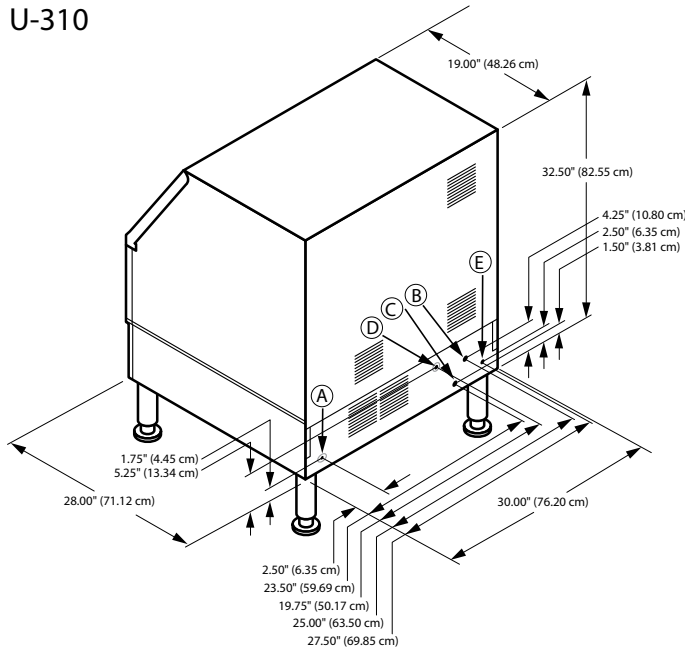
Air and Water-cooled: 15 amps

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.

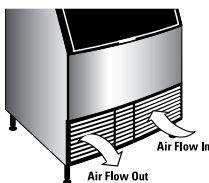
- (A) Electrical Entrance
- (B) 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
- (C) 1/2" (1.27 cm) F.P.T. Minimum Water Condenser Outlet (water-cooled units)
- (D) 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
- (E) 1/2" (1.27 cm) F.P.T. Ice Bin Drain

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	ENERGY STAR®
		70°Air/50°F Water 21°Air/10°C Water	90°Air/70°F Water 32°Air/21°C Water	70°Air/50°F Water 21°Air/10°C Water	90°Air/70°F Water 32°Air/21°C Water			
UR-0310A	regular	292 lbs	132 kg	226 lbs	103 kg	8.3	23.5	★
UD-0310A	dice	304 lbs	138 kg	235 lbs	107 kg	8.3	23.5	★
UD-0310W	dice	271 lbs	123 kg	250 lbs	114 kg	6.1	23.5	NA
UY-0310A	half-dice	304 lbs	138 kg	235 lbs	107 kg	8.3	23.5	★
UY-0310W	half-dice	271 lbs	123 kg	250 lbs	114 kg	6.1	23.5	NA

Water-cooled condensers Water Usage / 100 lbs/45.4 kgs. of Ice: 179 gal./677 liters

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.