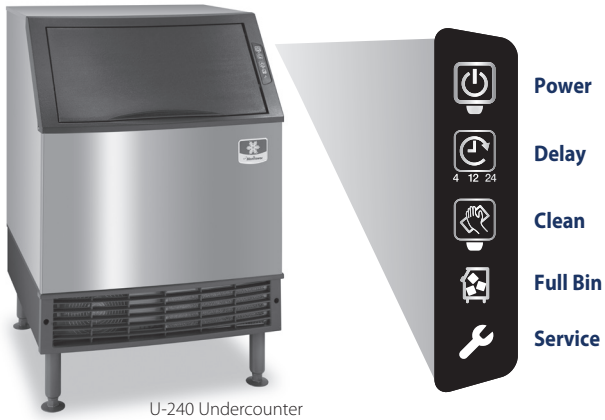
50Hz
NEO® 310 Undercounter Ice Machines

MODELS – 50HZ

☐ UDP-0310A ☐ UYP-0310A



U-240 Undercounter Ice Machine

- Ranging from 106 kgs (234 lbs) to 135 kgs (299 lbs) daily ice production
- Only 76.2 cm (30") wide, 72.4 cm (28.5") deep, and 97.8 cm (38.5") high on 15.24 cm (6") legs
- Cabinet volume 0.11 m³ (3.99 ft³)
- 54 kgs (119 lbs) 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 foodzone with removable water trough, distribution tube, and damper door for faster cleaning. AlphaSan added to key internal components.

Available **LuminIce®** Virus and Bacteria Inhibitor controls viruses, bacteria, mold and yeast within the food zone to keep the machine clean longer.



Specifications

BTU Per Hour:
U-310: 3,985 (average)
4,780 (peak)

Compressor:
Nominal rating: 0.75 HP

Refrigerant:
R290

Operating Limits:
- Ambient Temperature Range: 4.4˚ to 43.3˚C (40˚ to 110˚F)
- Water Temperature Range: 4.4˚ to 32.2˚C (45˚ to 90˚F)
- Water Pressure Ice Maker Water In: Min. 20 psi (137.9 kPA) Max. 80 psi (551.1 kPA)

Ice Shape



Dice
2.22 x 2.22 x 2.22 cm
(⅞" x ⅞" x ⅞")



Half Dice
.95 x 2.86 x 2.22 cm
(⅜" x 1⅛" x ⅞")

Ice Machine Electric

230/50/1 ice machines are factory pre-wired with a 180 CM (6') power cord only, no plug is supplied.

Total Amps:
U-310A - 4.5 AMPS

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

Manitowoc Ice reserves the right to make changes to the design or specifications without prior notice.

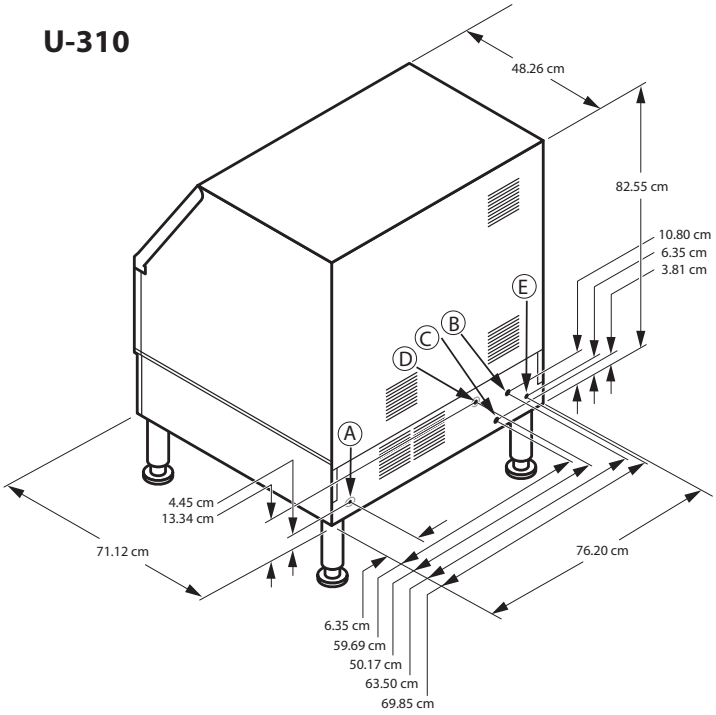
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U-310



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

Bin capacity = 40kg/90 lbs

Specifications

Model	Ice Shape	Ice Production 24 Hours				Power Usage kWh / 45.5 kgs of ice @ 32°/21°C	Potable Water Usage Liters/45.5 kgs. ice @ 32/21C
		70°Air/50°F Water 21°Air/10°C Water		90°Air/70°F Water 32°Air/21°C Water			
UYP0240A	half-dice	299 lbs	135 kg	234 lbs	106 kg	7.17	89
UDP0240A	dice	290 lbs	132 kg	227 lbs	103 kg	7.36	89

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

Accessories / Features

LuminIce® II Virus and Bacteria Inhibitor
controls viruses and bacteria inside the ice machine.



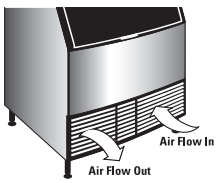
Arctic Pure® Plus Water Filters
reduce sediments and chlorine contaminants down to .5 microns. *Use with a Pre-filter is recommended.*



Removable Bin
allows for easier service.



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



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