

NORLAKE®

ULTRASONIC HUMIDIFIER



Ultrasonic Humidifier



Optional
Ultraviolet Disinfection System

The Norlake Scientific ultrasonic humidifier has been designed to meet the demanding requirements for scientific and laboratory research in humidifying environments that require up to 8 pounds of water per hour. The humidifier may be mounted in or next to the humidified area. If mounted in the conditioned area, the humidifier is designed to condition air from +33°F to +75°F up to 95% RH non-condensing. If mounted outside of the conditioned area in +75°F ambient, the humidifier can condition air from +33°F to +140°F up to 95% RH non-condensing. The humidifier is a UL listed accessory for Norlake walk-in coolers.

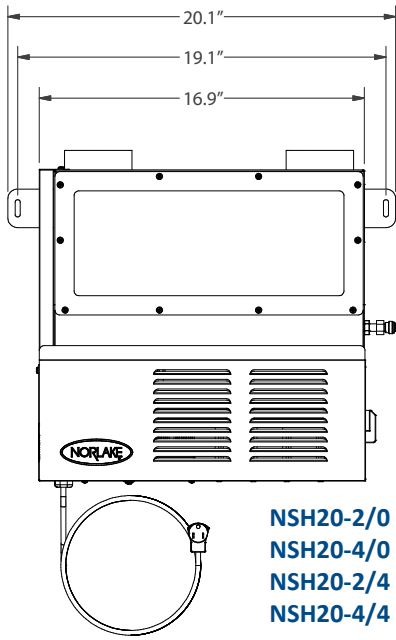
- Energy savings: Ultrasonics generate similar size droplets as steam without added heat
- Instant on and off: Unlike steam, Ultrasonics do not need a heat-up period and are able to instantly turn on and off, allowing for better uniformity.
- Droplet size: 1-5 micron droplets allow for quick vaporization into the room.

The optional ultraviolet disinfection system is a specially designed Ultraviolet radiation lamp which produces a rated wavelength of 254nm. Ultraviolet radiation in the 200-300 nm range is very effective in killing microorganisms such as bacteria, virus, mold and yeast.

The ultraviolet disinfection system features a polished 304 stainless steel reactor chamber making it suitable laboratory or medical use. The unit has an audible alarm to alert if the lamp has failed. Installation is quick and easy, requiring only two water connections and one electrical connection.

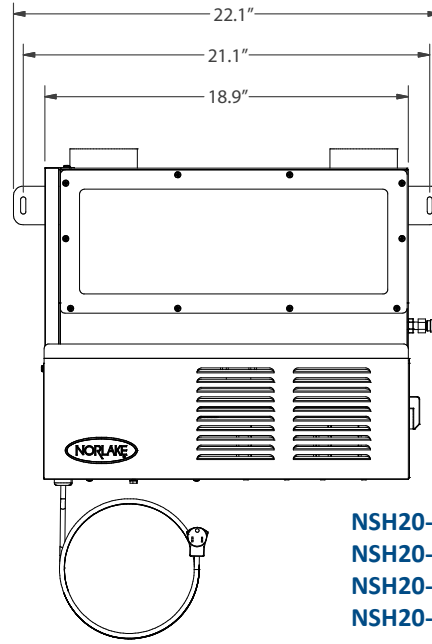
- Polished 304 stainless steel UV chamber
- No toxic chemicals or by-products
- Audible and Visual lamp failure alarm on ballast
- Inlet/Outlet: 1/4" MNPT
- Flow Rate: 1 gpm

SCIENTIFIC



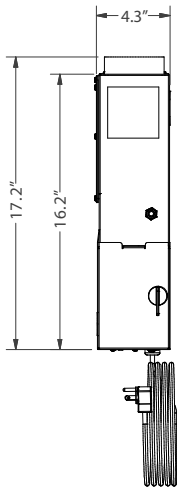
NSH20-2/0
NSH20-4/0
NSH20-2/4
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FRONT VIEW



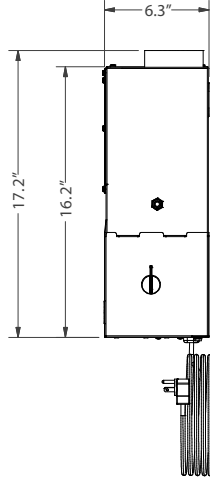
NSH20-6/0
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NSH20-6/4
NSH20-8/4

FRONT VIEW



NSH20-2/0
NSH20-4/0
NSH20-2/4
NSH20-4/4

SIDE VIEW



NSH20-6/0
NSH20-8/0
NSH20-6/4
NSH20-8/4

SIDE VIEW

SPECIFICATIONS

Models	NSH20-2/0	NSH20-4/0	NSH20-6/0	NSH20-8/0
	NSH20-2/4	NSH20-4/4	NSH20-6/4	NSH20-8/4
Crated Weight (lbs) (kg)	35 (15.8)	40 (18.1)	35 (15.8)	40 (18.1)
Crated Height (in) (cm)	7 (18)	7 (18)	7 (18)	7 (18)
Crated Width (in) (cm)	24 (61)	24 (61)	24 (61)	24 (61)
Crated Depth (in) (cm)	24 (61)	24 (61)	24 (61)	24 (61)
Overall Height* (in) (cm)	17.25 (44)	17.25 (44)	17.25 (44)	17.25 (44)
Overall Width (in) (cm)	20.1 (51)	22.1 (56)	20.1 (51)	22.1 (56)
Overall Depth (in) (cm)	4.3 (11)	6.3 (16)	4.3 (11)	6.3 (16)
Electrical Characteristics	115/60/1	115/60/1	208-230/60/1	208-230/60/1
Maximum Fuse Size	15	15	15	15
NEMA Plug Configuration	5-15P	5-15P	6-15P	6-15P
Total Amp Draw	2.5	2.5	2.5	2.5
Inlet Pipe Size	1/4" od	1/4" od	1/4" od	1/4" od
Drain Pipe Size	3/8" od	3/8" od	3/8" od	3/8" od
Output (lbs/hour)	2	4	6	7.5

Specifications subject to change without notice. Installation required.

* Overall height measures to top of mounting rings



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Revision Date: 7/22
 Part Number: 157975