

LCU-N Series

Neutralizing Condensate Pumps

Liberty Pumps®

A Family and Employee Owned Company

For neutralization and removal of acidic condensate produced by high-efficiency combustion equipment. When not neutralized, acidic condensate has the potential to harm the environment and any plumbing it comes in contact with due to its acidic nature.



Patent: See
LibertyPumps.com/patents



This unit features inlet connections for standard condensate removal from furnaces, A/C equipment, ice machines, drinking fountains, beverage machines, dehumidifiers, and other applications requiring condensate removal. These inlets are separated from the neutralizer media to extend the life of the media as long as possible.

LCU-N Models

LCU-N20ST (115V) with safety switch and tubing

LCU-N220ST (230V) with safety switch and tubing



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LCU-N Series

Features

- High impact ABS tank
- Wall mounts
- Three 1" standard condensate inlet holes
- 3/8" O.D. barbed and threaded discharge connection for neutralized condensate
- One 1" hole and a 3/4" NPT inlet for acidic condensate
- Removable check valve
- Stainless-steel shaft
- 6' Power cord with ground
- Thermally protected
- Fully automatic
- Quiet operation
- Noise/vibration isolation pads pre-installed on tank
- Built-in overflow safety switch
- Includes 20' of tubing
- Pellet media is a granular form of magnesium oxide 5/16" - 3/8" (8-10 mm)

Benefits

- Prevents expensive repairs due to corroding drains and sewer systems
- Neutralized condensate is environmentally safer compared to acidic condensate
- Neutralizer media is contained within a cartridge to make replacing used media hassle-free
- Smaller magnesium oxide pellets offer faster neutralization of high PH water over larger size media

Maximum Fluid Temperature

150°F (65.5°C)

Replacement Kit

Part Number	Description
K001898	Replacement neutralizer cartridge

Models

MODEL	HP	VOLTS	HZ	AMPS	HEIGHT	LENGTH	WIDTH	WEIGHT	CAPACITY	MAX HEAD	SAFETY SWITCH	20' TUBING
LCU-N20ST	1/30	115	60	1.5	6.5"	11-1/8"	5"	11.0 lbs	2 US Qt	20'	Yes	Yes
LCU-N220ST	1/30	230	60	0.7	6.5"	11-1/8"	5"	11.0 lbs	2 US Qt	20'	Yes	Yes

Condensate Applications

Acidic

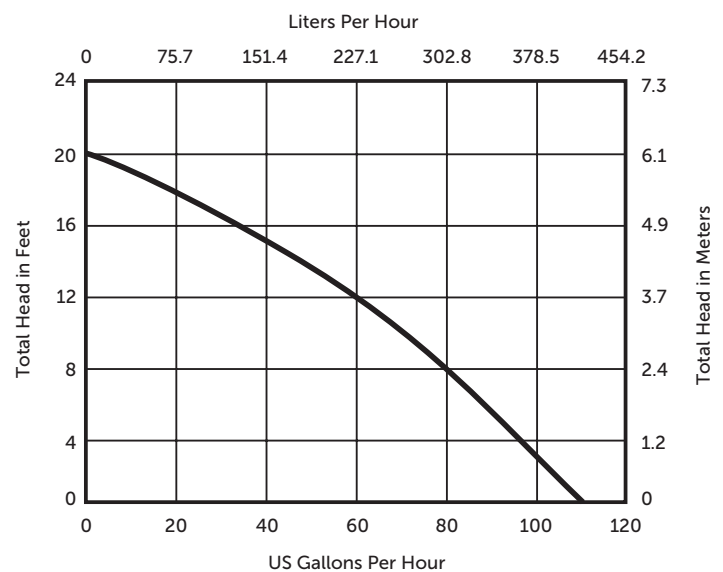
- High efficiency furnaces
- High efficiency boilers
- High efficiency hot water heaters
- Other acidic condensate generating applications

Standard

- AC equipment
- Ice machines
- Drinking fountains
- Dehumidifiers
- Other applications requiring condensate removal

Performance Curve

60 Hz



K001898