

# 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](http://LibertyPumps.com/patents)



Rated for acidic condensate from up to 500,000 BTUs of appliance input from condensing boilers/furnaces as well as non-acidic condensate from A/C equipment, ice machines, dehumidifiers and other applications requiring condensate removal. The unit is designed to accept acidic and non-acidic condensate. Separate inlets are provided for standard (non-acidic) inputs that will help extend the life of the neutralizing media when not required.



# innovate. evolve.

# 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 IN LBS	CAPACITY	MAX HEAD	SAFETY SWITCH	20' TUBING
LCU-N20ST	1/30	115	60	1.5	6.5"	19"	5"	11	2 US Qt	20'	Yes	Yes
LCU-N220ST	1/30	230	60	0.7	6.5"	19"	5"	11	2 US Qt	20'	Yes	Yes

## Condensate Applications

### Acidic

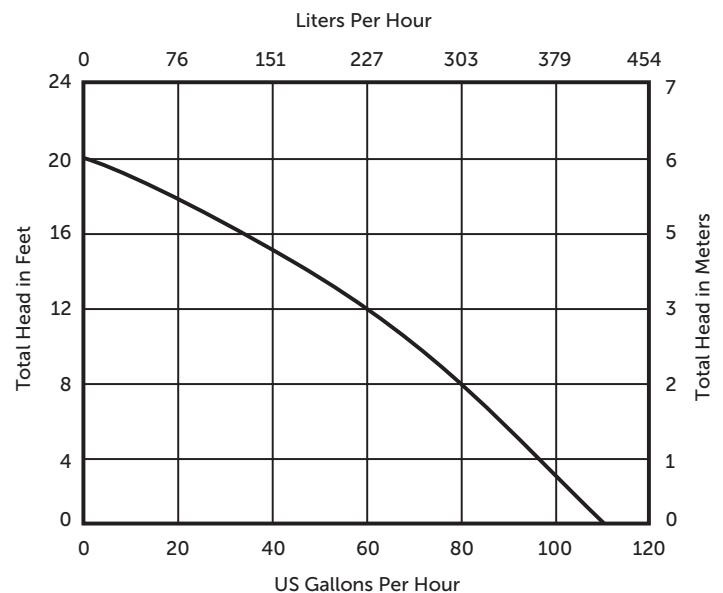
- High efficiency furnaces
- High efficiency boilers
- High efficiency hot water heaters
- Other acidic condensate generating applications

### Standard

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

## Performance Curve

60 Hz



K001898