



**Clean-In-Place (CIP)
Bucket Washers**
for
NuPulse
Cow & Goat Milker Units



**Operation and Maintenance
Instructions**

Pre-Assembled Clean-in-Place Bucket Washer Units

These instructions are for the pre-assembled Clean-In-Place (CIP) Bucket Unit Washers for cleaning both the NuPulse Standard Cow Milker and Goat Milker.



10125NP

*NuPulse Bucket Unit Washer
for Cow Milker*



10126NP

*NuPulse Bucket Unit Washer
for Goat Milker*

When using a Standard Cow Milker or two Goat Milkers, the CIP Unit will allow you to wash your milker unit(s) at an approximate rate of 2 gallons of wash water every 2-1/2 minutes.

IMPORTANT: Use LESS wash water than your bucket or pail can hold to prevent overflowing bucket and flooding the pump which WILL damage the pump itself and is NOT covered under warranty.

Installation Instructions



Choose your location where washing will take place. Hot water and a vacuum source are needed (i.e. portable pump). Mount CIP Unit on the wall or structure above the sink, making sure to position the CIP Unit at a height that will allow the milker(s) to reach it while on the floor (or any platform it will be sitting on, such as a wagon or cart).

Place the stainless steel plate over the short side of blue 'L' hanger. Screw through the plate to the wall or structure. (Note mounting hardware is not included.)

Place weighted end of 5/8" clear plastic tubing in the lowest point of wash sink or container.



Note the steel weight (4.5 oz) is used to keep the pickup hose weighted down in water at the bottom of your bucket or sink.



Your CIP Bucket Washer comes with 9 ft. of tubing, but you may need to shorten the length for your installation. Remove the red restrictor plug and weight, then cut tubing to desired length. Slide the weight back over the end of tubing and push the plug snugly back into place in the end of tubing.

The Goat CIP Units can wash two goat units at one time and we supply two support hoses to keep them level while washing. A Jetter Jet Cover is also supplied to block off two jets if you're washing only one Goat milker. This will prevent a vacuum leak on those two unused jets.



800-729-4118

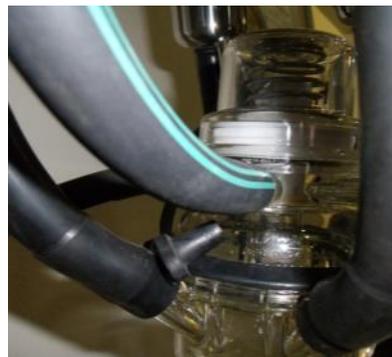
Getting Started

To start using the CIP Unit, you must first set up the vacuum pump and assemble the milker(s) and bucket unit.



Put the NuPulse milker onto the four white jetter jets by pushing an inflation/liner onto each jet with a twisting back-and-forth motion. Next remove the black wash plug on the side of the milker and insert the adapter end of black jetter hose to that entry.

Because the NuPulse Cow milker is weighted evenly, it should hang level from the CIP Unit for an even washing.





The weight of the NuPulse Goat milker, however, is not as evenly distributed. The weight of the milk hose makes the Goat milker tip down to one side and cannot wash the milker properly.

We have included a small clear support hose with grommet on the CIP Goat Unit which must be used to support the Goat milker and keep it level for proper and even cleaning.



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Washing Operation

**** CAUTION ****

DO NOT FLOOD THE PUMP

Use only the amount of water that will not over flow your milker bucket AND damage your pump.

Example 1: 65 lbs. Bucket holds 7.56 gallons.
Fill sink or container with 7 gallons OR LESS of wash water.

Example 2: 35 lbs. Bucket holds 4.07 gallons.
Fill sink or container with 3.5 gallons OR LESS of wash water.

Using Examples above, fill sink or container with the proper amount of wash solution. Then turn on vacuum pump and open shutoff valve to milker. The wash water solution will be drawn up the clear pickup hose. During wash, the NuPulse milker should be pulsating and you should see a good surging cleaning action in the bowl and middle of the milker.



Once all wash water solution is sucked out of sink or container, you can shut off the vacuum pump and empty the bucket.

When washing your milker(s), it's very important to have enough washing action to clean the milker(s) thoroughly and properly. This is achieved by allowing water to be drawn through the milker at a certain rate which will ensure the necessary amount of washing time.

The red restrictor plug comes drilled with a 3/16" hole, which is the size hole tested that will restrict flow and allow the proper amount of water to pass through the pickup line.



IMPORTANT

If using a **FulFlo Claw**, the hole size of the red restrictor plug must be drilled larger to **1/4"**. This will be less restrictive and will allow more water into the units to properly clean the higher-capacity FulFlo Claws. This will shorten the cleaning action time of the milker(s).



**See the pamphlet titled
"Cleaning & Care
of Your Milker"
for other care & cleaning tips.**

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Replacement Parts



10035NP - Jetter Base only with Jets
MZ10094NP - Jetter Base less Jets



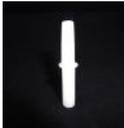
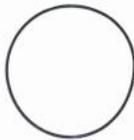
MZ10095NP - Jetter Cover



10084NP - Jet Washer Replacement Kit (4 of each component). If a jet becomes loose, you'll experience vacuum leakage and milker units will not clean properly. You may want to change all four jets at same time to save time later.

MZ10085NP - Jetter Base O Ring

Goes between the cover and base. Should be changed whenever jetter is taken apart.



10003NP - Jetter Tube with Adapter
MZ10024NP - Adapter Only
MZ13170NP - 14" Jetter Tube Only
MZ10109NP - Tee for Goat Jetter



M10089NP - Jetter Jet Cover
 Designed to close the Jet Washer while not in use.
 Includes stainless steel chain to prevent loss of cover.

Replacement Parts



- 10116NP - Parlor Jetter Mounting Kit**
- 61310 - Rubber Coated 'L' Bracket Only
- M00120NP - SS Mounting Washer Plate Only
- MZ10113NP - Jetter Manifold Adapter
- M00120NP - Parlor Jetter Washer Plate
- 72446NP - 10/24 x 1.5" PPHMS SS Screws

MZ10002NP - Wash Plug

Fits into the middle of the claw while in the milking cycle.



25235 - 5/8" ID Plastic Tubing

Sold per foot. Claw washer comes with 9' length.



P02513NP - 3/16" x 5/16" Plastic Tubing

Sold per inch. Claw washer comes with 16" length.



M10950NP - 1/4" ID Rubber Grommet



MZ10525NP

Modified Inflation Plug

Referred to as 'Restrictor Plug'.

64529

Stainless Weight

4.5 oz



43229 - Dust Cap

Fits over middle jetter nipple when washer is used with a NuPulse MLX or other non-NuPulse milkers.



4904 Triangle Street, Suite A
McFarland, WI 53558
800-729-4118
info@ezmilking.com
www.ezmilking.com

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