

Cow/Goat Milker with Mobile Base Connection: Initial Setup Instructions

1: Find the black/silver plastic muffler in the pump package and thread it on the exhaust port of the pump.

2: Find the brass barb adapter and put it on the intake port of the pump. Find the 4 rubber feet+bolts and fasten them to the motor base.

3: Find the brass cross adapter w/gauge and regulator, & put it on the threaded connector of the mobile base (MB). Connect a short vacuum hose between the pump and cross adapter.

4: Find the big black seal in the bucket package and slide it on the bucket lid so it sits on the bucket tightly.

5: Find and connect one end of the 5 ft vacuum hose to the MB and the other to the sloped connector on the bucket lid.

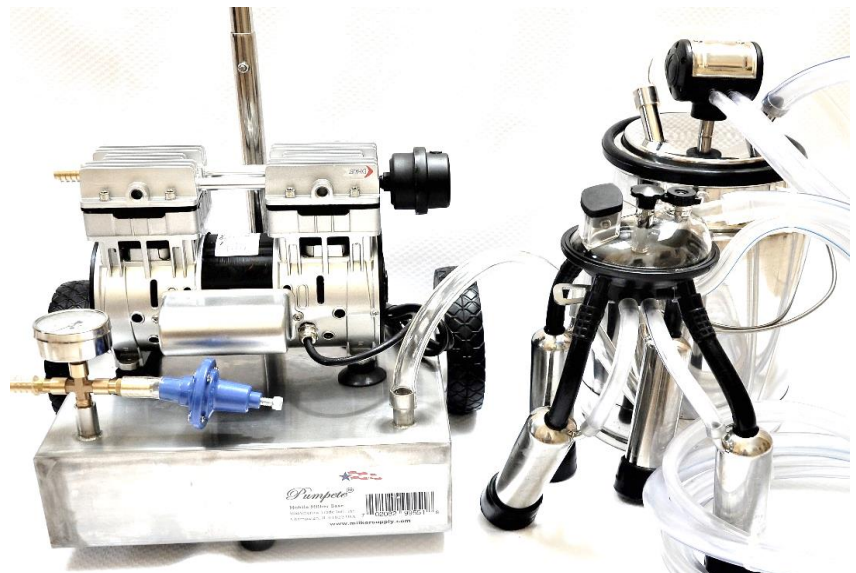
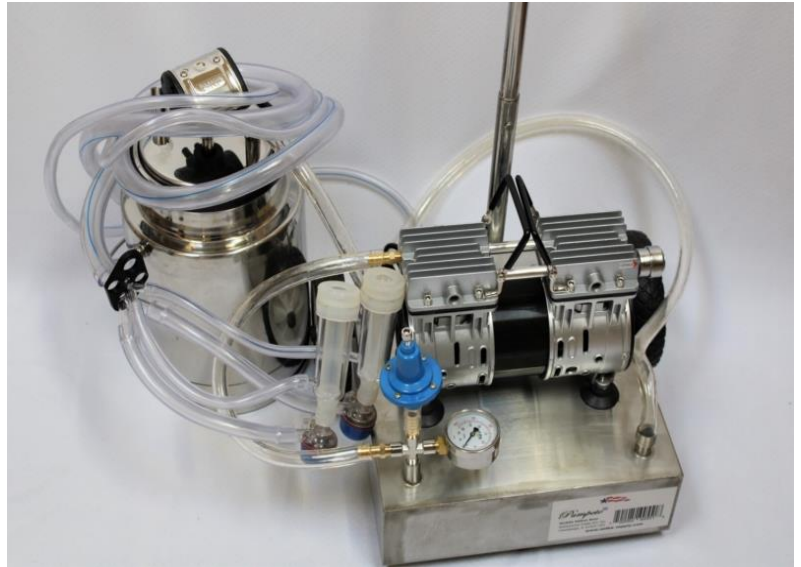
6: Find and place the pulsator on the center (smaller) connector on the bucket lid.

7a: COW MILKER: Find and connect the double pulsation hose (tied together with big milk hose) and connect it to the double outlet of the pulsator.

7b: GOAT MILKER: Find and connect the single pulsation hose (tied together with big milk hose) and connect it to the one of the 2 outlets of the pulsator. The other outlet should come plugged/blocked.

8: Connect the big milk hose to the remaining sloped connector on the bucket lid; the milk hose and pulsation hose should come connected to the claw cluster.

You are DONE with the connection! To test the milker, plug in the pump to a household electric outlet (115 VAC), the pump should run. Block all the ends of the teat-cups, let the vacuum in the system



build up, the pulsator should click in a few seconds, going faster to the factory preset rate when the vacuum level increases. If not, there is a leak somewhere, check all the connections. Pulsation rate is set to 60 pulses/min for cow milker, 100 pulses/min for goat milker. DO NOT ADJUST the pulsation rate unless you are sure it's offset at the right vacuum level (-10 to -12 inch Hg). You may adjust the vacuum pressure with the regulator (blue or silver piece with a gauge attached) with the bolt on the end if needed at the right vacuum (10 to 12 inch Hg), turn clockwise to increase the vacuum level.



Attaching Handle & Connecting hardware to the Mobile Base:

The SS handle comes in 2 sections: The thicker piece is straight, this connects to the base. Slide this thicker piece into the square bracket and align the holes to insert 2 SS bolts and secure it with 2 nuts.



Push to insert the top portion of the handle to the thicker portion and line up the hose to lock with another bolt/nut as pictured. The mobile base is complete and ready to use.

If you get the base with a regulator/gauge kit or a milker with the base, thread connect the cross adapter to the top of the base, connect the barbed connector to a piece of short vacuum hose to the vacuum pump. Connect a vacuum hose between the smooth connector on the base to the milker bucket. Make sure to drain any liquid in the base if present through the drainage plug between the 2 wheels in the back. If you purchased MB with vacuum pump, connect the 4 rubber sucker feet to the pump motor, muffler on the exhaust port, and a 1/2 barb adapter on the intake port. Let the pump sit on the flat top surface of the base as seen on the picture.

