



iDAIRY[®]FARM

SWH Teatsprayer Anti Dribble Upgrade Kit

INSTRUCTIONS



Freephone NZ 0800 80 90 98 E: sales@technipharm.co.nz W: www.technipharm.co.nz
Freephone AU 1- 800 124 034 E: sales@technipharm.com.au W: www.technipharm.com.au

SWH TEATSPRAYER ANTI DRIBBLE UPGRADE KIT

SWH Teatsprayer Anti Dribble Upgrade Kit

| | |
|-----------------------|------------------------------|
| Pack contents: | 1 strainer |
| | 1 anti dribble valve |
| | 1 modified spray nozzle body |
| | 1 installation guide |

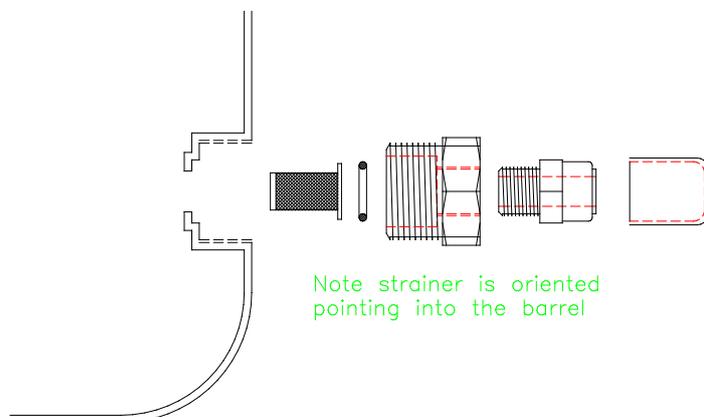
Note: the strainer is hollow where as the anti dribble valve looks the same but has a stainless steel inside.

In all SWH teat sprayers produced prior to October 2004 a combined strainer / anti dribble valve was fitted at the tank outlet. This, both protected the pump from particles in the teat spray and prevented teat spray dribbling through the unit due to gravity. A negative of this configuration is that the pump is forced to suck the teat spray through the anti dribble valve and this can lead to air being sucked into the tube and then an air lock as the pump cannot self prime.

To address the above problem we have machined the body of the spray nozzle so that the anti dribble valve can be fitted just beneath the spray nozzle. A strainer without any anti dribble mechanism is then fitted in the tank ensuring that there is always a slight positive pressure supply to the pump and that air locks will not form.

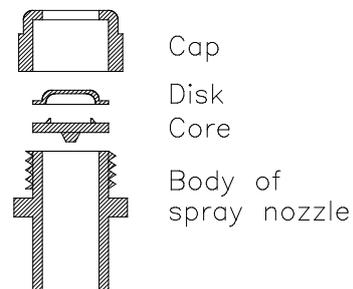
To install the new system follow the procedure below:

1. Replace the existing strainer/anti dribble valve with the strainer supplied. To do this remove the pipe from the fitting in the teat spray tank and remove the fitting as shown below. (Note to remove the pipe it is necessary to push the outside ring in as shown at the end of this document). Push the strainer anti dribble valve out and replace it with the strainer – they look similar except that the strainer is hollow.



2. Remove the cap of the spray nozzle assembly from the spreader bar and replace the body of the spray nozzle with the new body supplied. Insert the strainer/anti dribble valve taken from step one into the new body as shown the sketch below applicable to the nozzle you are using. Please do not over tighten the cap when replacing – required torque is 1.2 kg/m – just “nip it up”.

Spray Nozzle Assembly



Sketch of Strainer/anti dribble valve installation for cone nozzle (left) and fan nozzle (right).

Removal of the tube from the drum connector and spray nozzle body is done by pushing the collar into the body while pulling the tube out as shown below – easy with three hands!

