

## Fresh Water Control

The water level in the pulper is automatically controlled with the use of the following:

1. Air pump
2. Snubber
3. Pressure switch
4. Freshwater solenoid valve
5. Air line
6. Standpipe assembly

Air is pumped through the air line past the pressure switch and into the pulper via the standpipe. The pressure switch senses the head pressure of the water as resistance, thereby activating the freshwater solenoid valve as needed. The snubber is located between the tee fitting in the air line and the pressure switch. Its function is to buffer out the spikes in the air caused by the turbulence in the pulper.

For the system to operate properly:

1. The air pump must be working properly.
2. The air line must not leak.
3. The snubber cannot be contaminated (it must pass air).
4. The standpipe and air line cannot be clogged or blocked.
5. The solenoid valve must be operational (water must also be ON).
6. The pressure switch must be operational.

### The most common problems are:

No water

Water not shutting off

Water level not consistent.

### Most common causes:

Clogged standpipe  
Solenoid valve defective.

Air leak (at fitting or in air line)  
Air pump defective

Snubber contaminated