

WORKING AND ADJUSTMENT MISTING SYSTEM

The inlet of the misting system is permanent connected to the water connection from the R.O. water filter. The water inlet pressure is between 1 and 4 Bar. Once the misting system is switched on, the inlet water goes to the inlet low flow pump and this pumps up the water to the tank low flow pump. From this tank the water is pumped to the accumulator black tank where it is stored.

The misting system is set on the following values:

Misting time 1,5 seconds

Misting interval 6 minutes

Purge (depressurizing) 4 seconds.

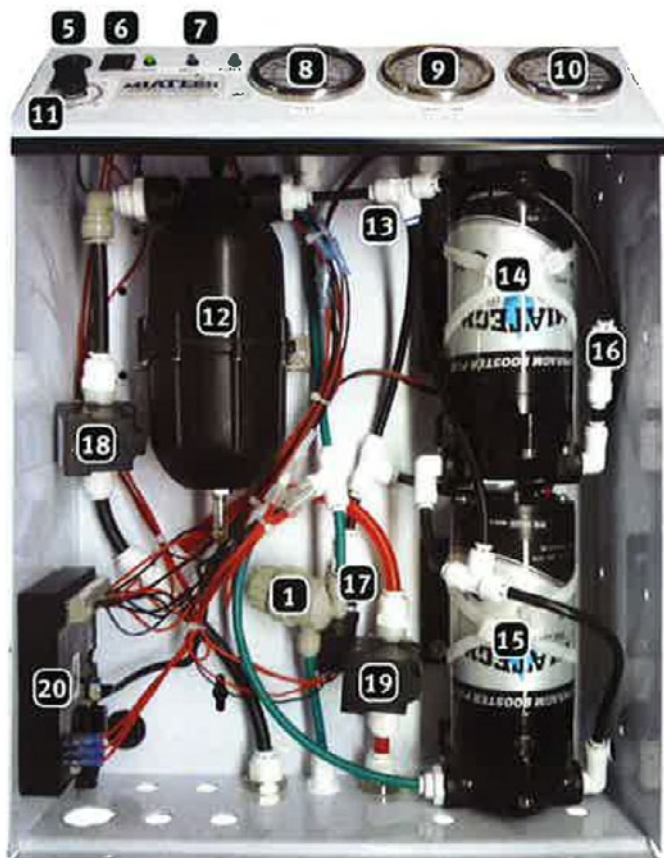
after 6 minutes the mist valve will open for 1,5 seconds and the water will be lead to the misting nozzles and this mist will cover the products with a small layer. After this 1,5 seconds the mist valve will close and the purge valve will open for 4 seconds to depressurize the system and to avoid leakage through the nozzles. A very small amount of water will go to the drain.



Inlet pressure 1-4 Bar

Inlet pump 3-9 Bar

Tank pump 6-9 Bar

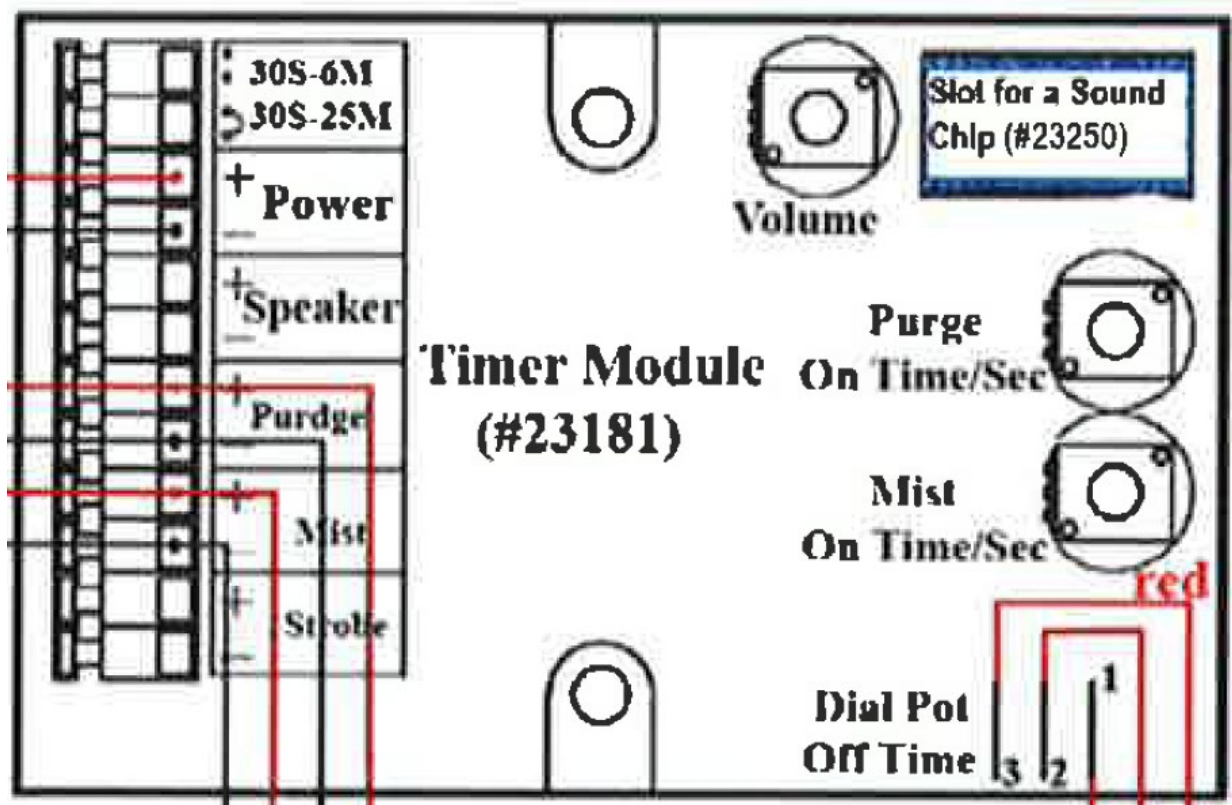


1. Inlet strainer
5. Power switch
6. 5A breaker
7. Green LED 's
8. Inlet gauge
9. Inlet pump gauge
10. Tank pump gauge
11. Dial pot 20K
12. Accumulator black tank
13. Black flow restrictor
14. Tank low flow pump
15. Inlet low flow pump
16. One way check valve
17. Pressure switch
18. Mist valve
19. Purge valve
20. Timer module (see next page)

TIMER MODULE

On the timer module you can adjust 2 settings:

1. Purge time in minutes
2. Misting time in seconds



With each misting system you will find a technical instructions and user guide.

30001507 Aviga misting system.