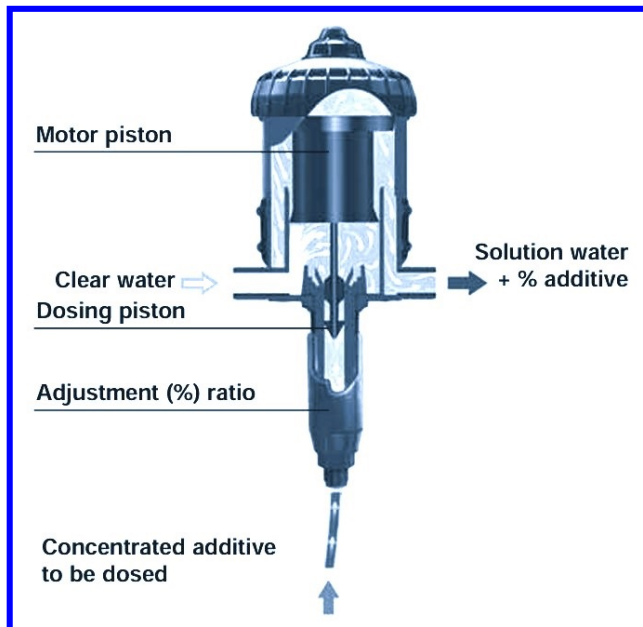


IMPORTANT USER GUIDANCE – DOSATRON IN-LINE METERING UNIT

READ THESE INSTRUCTIONS BEFORE USING THE APPLIANCE

GENERAL: when installed in the water supply line the Dosatron is powered by the water flowing through it. The Dosatron draws up concentrated dust / odour control agent and mixes this additive with water before forcing the diluted mixture downstream to the bowser / mist cannon. The dilution ratio is set using an adjustable scale at the bottom of the Dosatron.



The dose of concentrate is unaffected by any variations in flow or pressure which occur during use.

The Dosatron can handle water throughput rates from 10 litres / hr to 2500 litres / hr, and operates with water pressures from 0.3 to 6.0 bar.

It mixes concentrate additive and water in user-set ratios from 1:50 to 1:500, producing diluted solutions containing from 2% to 0.2% additive.

In operation the Dosatron produces distinctive clicking sounds. Every 2 clicks = 0.45 litres of water passing through the unit.



USING FOR THE FIRST TIME:

At first time of use you need to purge out air and prime the Dosatron with water and concentrate:

- To purge air & prime with water: connect a clean water supply to the inlet filter of the Dosatron, allow water to pass through slowly while pressing the air-bleed button on top of the Dosatron. When a constant flow of water is seen coming from around the bleed button (no more spitting of air) release the button. Now open the water supply fully - a distinctive clicking will be heard which confirms it is primed – turn the water off.
- To prime with concentrate: drop the concentrate suction line into the concentrate container and temporarily set the mixing ratio to 1:50 (see section below for how to adjust the concentrate mixing ratio). Run water through the Dosatron - watch the concentrate being drawn up the suction line - once it fills the line and reaches the Dosatron turn off the water.

ADJUSTING THE CONCENTRATE MIX-RATIO:

Adjustment must be made when there is NO PRESSURE in the Dosatron – turn off the water and allow the pressure to dissipate. Then:

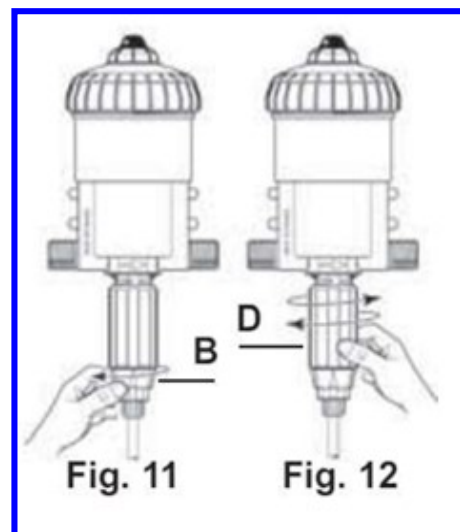
- Unscrew the locking ring “B” shown in Fig. 11
- Screw or Unscrew the mix-ratio adjustment sleeve “D” shown in Fig. 12 to bring the top of the sleeve into line with the desired mix-ratio.
- Retighten the locking ring “B”.

The Dosatron is now ready to operate. Connect the output from the Dosatron to the receiving bowser / mist cannon and turn on the water.

TROUBLESHOOTING:

Dosatron does not start: air in unit, purge air from Dosatron.

Not drawing up concentrate: suction-line air leak, check line + coupling.



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