- Check to confirm the educator is creating suction by placing the palm of your hand over the end of the wand.
    - If no suction is found consult the common educator problem checklist on the following page.
- When you are ready to apply foam, insert the pick-up wand into the foam container until it. contacts the bottom. It will take up to 15 seconds or so before the foam reaches the nozzle.

To flow water only (model 240)

- Place the bypass valve handle in the WATER position (see Figure 5).
- Open the discharge valve and charge the line slowly.
- Open the nozzle and raise the discharge pressure slowly to the pressure required.
    - Truck discharge pressure = hose loss + nozzle pressure + the loss through the eductor.
    - Eductor losses when by-pass valve is in WATER position:

      60 gpm = 2 psig ----- 95 gpm = 6 psig ----- 125 gpm = 11 psig.

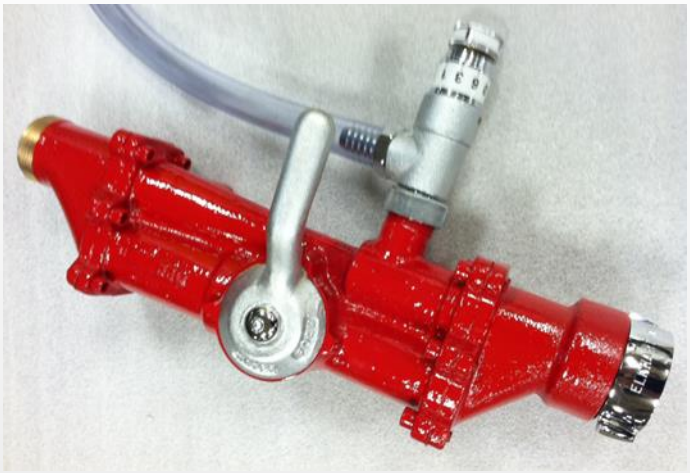


Figure 4 (Foam)



Figure 5 (Water)

MAINTENANCE

After every use flush the eductors metering valve with fresh clean water.

- When you are done educting foam place the metering valve in the 6% position and replace the foam concentrate with fresh clean water. Educt at least 10-15 gallons of fresh clean water to flush out all of the foam concentrate from the metering valve.
- Visually inspect the educator, metering valve, pick-up hose, and pick-up wand for damage. Repair or replace as needed.

COMMON EDUCTOR PROBLEM CHECK LIST

Anything that causes excessive back pressure on the downstream side of the eductor can cause the foam pick-up rate of the eductor to slow or stop altogether. Below are some of the common problems.

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