

4.6.4 Filling A Vaporizer Which Incorporates A Keyed Filler



Caution: Always hold the bottle below the level of the end of the bottle adaptor and also below the level of the filler port until the adaptor is clamped into position.



Caution: If it is suspected that there is liquid in the adaptor air tube, remove the bottle adaptor from the bottle and carefully shake the adaptor two or three times to clear the tube.

The filling system consists of three elements, the bottle collar, the bottle adaptor and the filling and draining unit fitted to the vaporizer. The vaporizer must only be filled using the correct agent specific filling system, as follows:

1. Screw the agent specific bottle adaptor firmly on to the bottle.
2. Ensuring that the bottle (1) is held below the level of the end of the bottle adaptor and below the level of the filler port, insert the end of the bottle adaptor into the filler port (2) as illustrated on Fig. 8.
3. Tighten the locking clamp by pulling the locking clamp lever forward and downward (3) until the bottle adaptor is clamped.



Caution: When it is set correctly, the clamp secures the bottle adaptor without using the full travel of the locking lever. The lever must not be forced to its lowest limit of travel.

4. Raise the bottle above the level of the filler port (4) and then open the filler port valve by pulling the port valve lever forward (5) to its full extent.

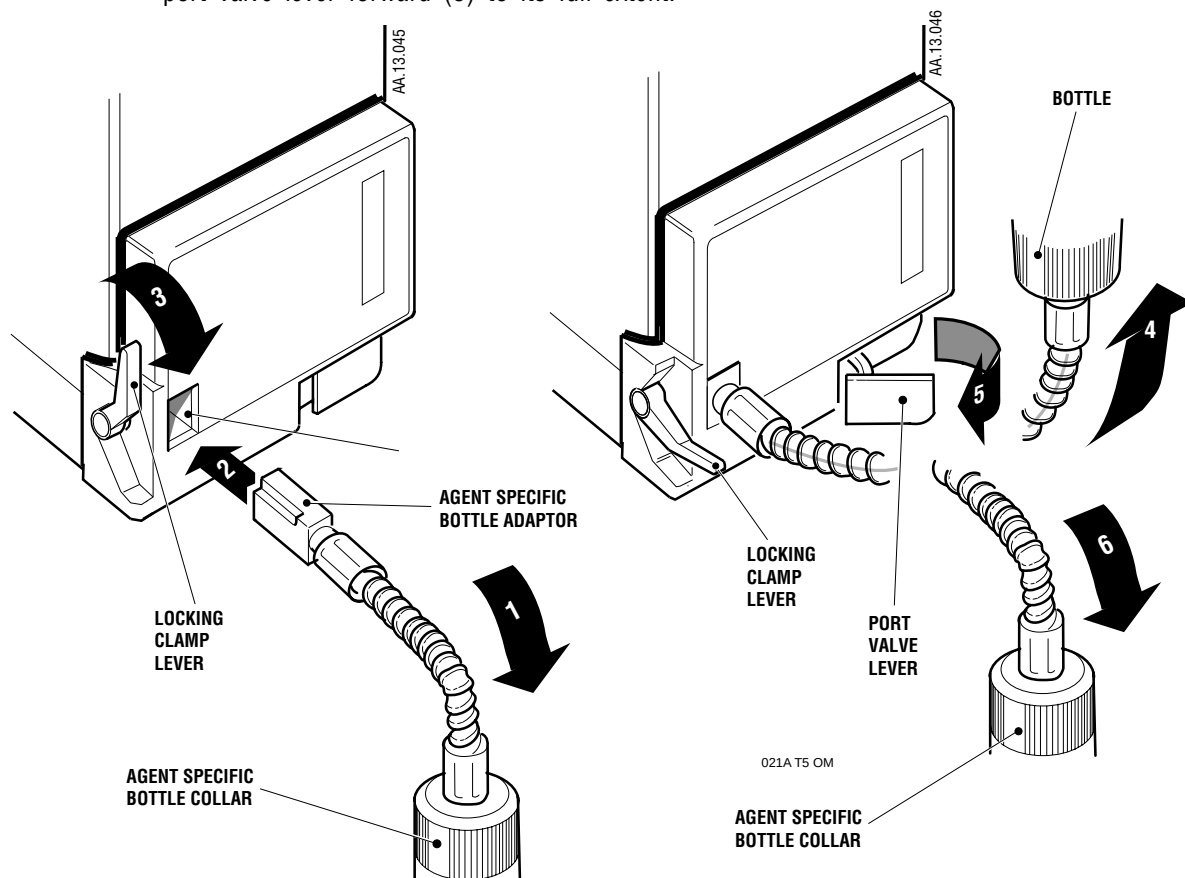


Fig. 8 Filling A Vaporizer Which Incorporates A Keyed Filler

Note: The vaporizer normally fills in less than one minute. If the vaporizer is dry the level decreases slightly as the wick absorbs the agent.

5. When the vaporizer is full, return the port valve lever (5) to the closed condition to close the valve.
6. Lower the bottle to below the level of the filler port (6) and allow any agent in the tube to drain back into the bottle.
7. Release the locking clamp lever, return it to the up position and then remove the bottle adaptor from the filler port.

4.6.5 Draining Vaporizer Which Incorporates A Keyed Filler



Caution: Do not allow a bottle to become completely full during draining procedures.

The vaporizer must only be drained into a properly marked container, as follows:

1. Position the bottle below the level of the filler port and insert the end of the bottle adaptor into the filler port (1) as illustrated on Fig. 9.
2. Tighten the locking clamp by pulling the lever forward and downward (2) until the adaptor is clamped.
3. Open the filler port valve by pulling the lever forward to its full extent (3).
4. Hold the bottle below the level of the filler port to allow the vaporizer contents to flow into the bottle (4).
5. When the vaporizer is drained, close the port valve.
6. Release the locking clamp and return it to the up position.
7. Remove the bottle adaptor from the port.

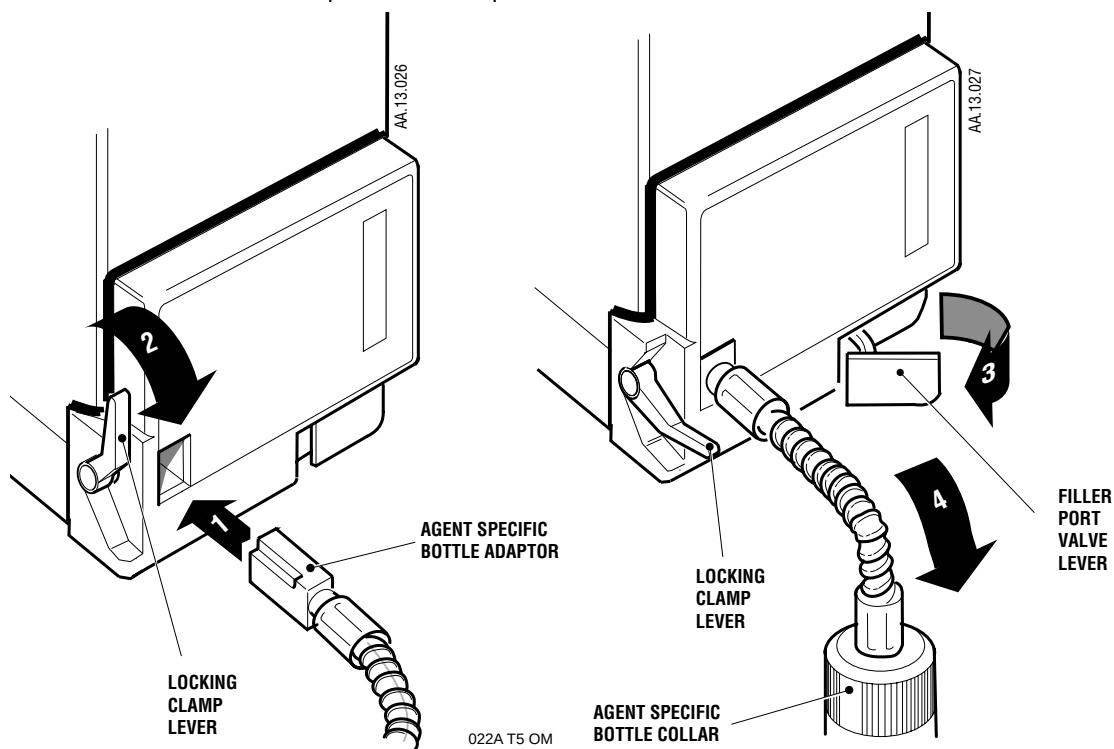


Fig. 9 Draining A Vaporizer Which Incorporates A Keyed Filler