What is Claimed:

1. A cartridge assembly for a filling machine, the assembly comprising:

a plurality of containers, each container including a volume and a stem connected to the volume;

a connection line grid in fluid communication with each stem of the plurality of containers, the connection line grid including a first row connected to one or more containers of the plurality of containers and a second row connected to one or more containers of the plurality of containers; and

a filter assembly coupled to the connection line grid.

2. The assembly of claim 1 , further comprising a reservoir coupled to the connection line grid and disposed upstream from the plurality of containers and downstream from the filter assembly, the reservoir including a volume, a first port, and a second port.

3. The assembly of claim 2, wherein the reservoir is disposed above, with respect to gravity, the connection line grid.

4. The assembly of claim 2 or 3, wherein the connection line grid includes a network of interconnected tubing defining a supply manifold, a return manifold, the first row, and the second row, the first row and the second row extending between the supply manifold and the return manifold.

5. The assembly of claim 4, wherein the supply manifold of the connection line grid is coupled to the outlet port of the reservoir and the return manifold is coupled to the inlet port of the reservoir.

6. The assembly of claim 4 or 5, wherein the network of interconnected tubing includes at least one rigid portion connected to at least one flexible portion.

7. The assembly of any one of claims 4 to 6, wherein each of the first and second rows includes a first end, a second end, and a fill manifold connecting the first and second ends, the first and second ends being flexible and the fill manifold being rigid.

8. The assembly of claim 7, wherein the supply manifold is coupled to the first end of each of the first and second rows and the return manifold is coupled to the second end of each of the first and second rows.

9. The assembly of claim 7 or 8, wherein the fill manifold of each of the first and second rows includes one or more ports corresponding to the one or more containers of each of the first and second rows, each port of the one or more ports in fluid communication with one stem of the one or more containers.

10. The assembly of claim 1, wherein the filter assembly includes a first filter and a second filter arranged in series.

11. The assembly of any one of claims 1 through 10, wherein each row of the first and second rows of the connection line grid is coupled to at least two of the plurality of containers.

12. The assembly of any one of claims 1 through 11, wherein the plurality of containers includes a plurality of product bags, and wherein the volume is a bladder.

13. The assembly of any one of claims 1 through 11, wherein the plurality of containers includes a plurality of vials.

14. The assembly of any one of claims 1 through 11, wherein the plurality of containers includes a plurality of syringes.