

CLAIMS:-

1. An aseptic processing workstation comprising:-
a processing chamber;

5 an airflow circuit passing through the chamber, said circuit comprising an air supply fan, an air return fan and a restriction element, the chamber being located in the circuit between the air supply fan and the air return fan, and the restriction element being located in the circuit on
10 the other side of the air supply fan and the air return fan to the chamber;

an air inlet fluidly connected at a first connection point to the circuit via inlet valve means, the first connection point being located between the restriction
15 element and the air supply fan;

an air outlet fluidly connected at a second connection point to the circuit via outlet valve means; and

control means for independently controlling the speed of the air supply fan and the air return fan.

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2. An aseptic processing workstation as claimed in claim 1 further comprising at least one filter means located between the air inlet and the first connection point and at least one filter means located between the air outlet and the
25 second connection point.

3. An aseptic processing workstation as claimed in any one of the preceding claims wherein the valve means are operable to run the aseptic processing workstation in a recirculatory
30 mode with substantially all of the air remaining in, and being recirculated through, the circuit.

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4. An aseptic processing workstation as claimed in any one of the preceding claims wherein the valve means are operable to run the aseptic processing workstation in a normal mode in which a proportion of the air being circulated is fresh air drawn in via the air inlet.

5. An aseptic processing workstation as claimed in any one of the preceding claims wherein the airflow of the supply fan and the return fan are independently adjustable to vary the pressure in the chamber and vary the air flow through the chamber.

6. An aseptic processing workstation as claimed in claim 5 in which the airflow of the supply fan and the return fan are independently adjustable to provide either a positive or a negative pressure in the chamber.

7. An aseptic processing workstation as claimed in any one of the preceding claims wherein the restriction element is a filter.

8. An aseptic processing workstation as claimed in any one of claims 1 to 6 wherein the restriction element is an orifice.

9. An aseptic processing workstation as claimed in claim 7 wherein the filter is operable to remove a sterilant from air circulating in the aseptic processing workstation.

CLAIMS:-

1. An aseptic processing workstation comprising:-
a processing chamber;

5 an airflow circuit passing through the chamber, said circuit comprising an air supply fan, an air return fan and a restriction element, the chamber being located in the circuit between the air supply fan and the air return fan, and the restriction element being located in the circuit on
10 the other side of the air supply fan and the air return fan to the chamber;

an air inlet fluidly connected at a first connection point to the circuit via inlet valve means, the first connection point being located between the restriction
15 element and the air supply fan;

an air outlet fluidly connected at a second connection point to the circuit via outlet valve means; and

control means for independently controlling the speed of the air supply fan and the air return fan;

20 wherein the restriction element enables the creation of a pressure drop across the restriction element.

2. An aseptic processing workstation as claimed in claim 1 further comprising at least one filter means located between
25 the air inlet and the first connection point and at least one filter means located between the air outlet and the second connection point.

3. An aseptic processing workstation as claimed in any one
30 of the preceding claims wherein the valve means are operable to run the aseptic processing workstation in a recirculatory

mode with substantially all of the air remaining in, and being recirculated through, the circuit.

4. An aseptic processing workstation as claimed in any one of the preceding claims wherein the valve means are operable to run the aseptic processing workstation in a normal mode in which a proportion of the air being circulated is fresh air drawn in via the air inlet.

5. An aseptic processing workstation as claimed in any one of the preceding claims wherein the airflow of the supply fan and the return fan are independently adjustable to vary the pressure in the chamber and vary the air flow through the chamber.

6. An aseptic processing workstation as claimed in claim 5 in which the airflow of the supply fan and the return fan are independently adjustable to provide either a positive or a negative pressure in the chamber.

7. An aseptic processing workstation as claimed in any one of the preceding claims wherein the restriction element is a filter.

8. An aseptic processing workstation as claimed in any one of claims 1 to 6 wherein the restriction element is an orifice.

9. An aseptic processing workstation as claimed in claim 7 wherein the filter is operable to remove a sterilant from air circulating in the aseptic processing workstation.