We Claim:

1. A refrigeration unit for conditioning air within a refrigerated chamber for housing perishable goods, the refrigeration unit comprising:

an evaporator heat exchanger disposed in operative association with the refrigerated chamber;

an evaporator fan for circulating a flow of air drawn from the refrigerated chamber through the evaporator heat exchanger and back into the refrigerated chamber, the evaporator fan having a suction side and a discharge side; and

an air exchange device including a tubular member having a first chamber and a second chamber isolated from first chamber, the first chamber having an inlet in flow communication with a fresh air source and an outlet opening in flow communication with the refrigerated chamber on a suction side of the evaporator fan, and the second chamber having an inlet in flow communication with the refrigerated chamber in a discharge side of the evaporator fan and an outlet opening in flow communication with a space exterior of the refrigerated chamber.

2. The refrigeration unit as set forth in claim 1 wherein the outlet of the first chamber has a flow area that may be selectively adjusted from fully open to fully closed.

3. The refrigeration unit as set forth in claim 1 wherein the outlet of the second chamber has a flow area that may be selectively adjusted from fully open to fully closed.

4. The refrigeration unit as set forth in claim 1 wherein:

the outlet of the first chamber has a flow area that may be selectively adjusted from fully open to fully closed;

the outlet of the second chamber has a flow area that may be selectively adjusted from fully open to fully closed; and

the adjustment of the flow area of the outlet of the first chamber and the adjustment of the flow area of the outlet of the second chamber are coordinated whereby the flow area of the outlet of the first chamber and the flow area of the outlet of the second chamber are simultaneously open and simultaneously closed.

5. The refrigeration unit as set forth in claim 1 wherein the air exchange device further includes a housing disposed about the tubular member, the housing having a first outlet communicating with the suction side of the refrigerated chamber and a second outlet communicating to the space exterior of the refrigerated chamber.

6. The refrigeration unit as set forth in claim 5 wherein the tubular member comprises a tubular member disposed for rotation within and relative to the housing.

7. The refrigeration unit as set forth in claim 6 wherein the tubular member is selectively rotatable within the housing between a first position relative to the housing whereat the outlet of the first chamber of the tubular member is juxtaposed in full registration with the first opening of the housing and the outlet of the second chamber of the tubular member is juxtaposed in full registration with the second opening of the housing, and a second position relative to the housing whereat the outlet of the first chamber of the tubular member is juxtaposed out of registration with the first opening of the housing and the outlet of the second chamber of the tubular member is juxtaposed out of registration with the second opening of the housing.

8. The refrigeration unit as set forth in claim 7 wherein the tubular member is selectively rotatable within the housing to be positioned at at least one position between the first position and the second position whereat the outlet of the first chamber of the tubular member is juxtaposed in partial registration with the first opening of the housing and the outlet of the second chamber of the tubular member is juxtaposed in partial registration with the second opening of the housing.

9. The refrigeration unit as set forth in claim 5 further comprising a seal member disposed intermediate the tubular member and the housing.

10. The refrigeration unit as set forth in claim 9 wherein the sealing member also comprises a bearing member.

11. The refrigeration unit as set forth in claim 5 further comprising a drive motor operatively associated with the tubular member for rotating the tubular member relative to the housing.

12. The refrigeration unit as set forth in claim 1 wherein the outlet of the second chamber of the tubular member id disposed generally orthogonally to the inlet of the first chamber of the tubular member.

13. An air exchange device for use in delivering fresh air to a refrigerated chamber and venting air from within the refrigerated chamber to an exterior space, the air exchange device comprising:

a housing having a fresh air outlet communicating with the refrigerated chamber and a vent air outlet communicating to the space exterior of the refrigerated chamber; and

a tubular member having a first chamber and a second chamber isolated from first chamber, the first chamber having an inlet in flow communication with a fresh air source and an outlet registrable in flow communication with the fresh air outlet of the housing, and the second chamber having an inlet in flow communication with the refrigerated chamber and an outlet registrable in flow communication with the vent air outlet.

14. An air exchange device as recited in claim 13 wherein the tubular member is selectively rotatable within the housing between a first position relative to the housing whereat the outlet of the first chamber of the tubular member is juxtaposed in full registration with the first opening of the housing and the outlet of the second chamber of the tubular member is juxtaposed in full registration with the second opening of the housing, and a second position relative to the housing whereat the outlet of the first chamber of the tubular member is juxtaposed out of registration with the first opening of the housing and the outlet of the second chamber of the tubular member is juxtaposed out of registration with the second opening of the housing.

15. An apparatus for admitting a first gaseous fluid into a closed volume while simultaneously venting a second gaseous fluid from the closed volume, comprising:

a tubular member having a first chamber and a second chamber isolated from first chamber, the first chamber having an inlet in flow communication with a source of the first

gaseous fluid and an outlet registrable in flow communication with the enclosed volume, and the second chamber having an inlet in flow communication with the enclosed volume and an outlet registrable in flow communication with a space exterior of the enclosed volume.

16. An apparatus as recited in claim 15 wherein the tubular member is selectively rotatable within a housing between a first position relative to the housing whereat the outlet of the first chamber of the tubular member is juxtaposed in full registration with a first opening of the housing and the outlet of the second chamber of the tubular member is juxtaposed in full registration with a second opening of the housing, and a second position relative to the housing whereat the outlet of the first chamber of the tubular member is juxtaposed out of registration with the first opening of the housing and the outlet of the second chamber of the tubular member is juxtaposed out of registration with the second opening of the housing.

We Claim:

1. A refrigeration unit for conditioning air within a refrigerated chamber for housing perishable goods, the refrigeration unit comprising:

an evaporator heat exchanger disposed in operative association with the refrigerated chamber;

an evaporator fan for circulating a flow of air drawn from the refrigerated chamber through the evaporator heat exchanger and back into the refrigerated chamber, the evaporator fan having a suction side and a discharge side; and

an air exchange device including a tubular member having a first chamber and a second chamber isolated from first chamber, the first chamber having an inlet in flow communication with a fresh air source and an outlet opening in flow communication with the refrigerated chamber on a suction side of the evaporator fan, and the second chamber having an inlet in flow communication with the refrigerated chamber in a discharge side of the evaporator fan and an outlet opening in flow communication with a space exterior of the refrigerated chamber; wherein

the air exchange device further includes a housing disposed about the tubular member, the housing having a first outlet communicating with the suction side of the refrigerated chamber and a second outlet communicating to the space exterior of the refrigerated chamber;

wherein the refrigeration unit further comprises a seal member disposed intermediate the tubular member and the housing; and

wherein the sealing member also comprises a bearing member.