

AIR EXCHANGE DEVICE FOR REFRIGERATED CHAMBER

Abstract:

A refrigeration unit is provided for conditioning air within a refrigerated chamber for housing perishable goods having an improved air exchange device for selectively admitting fresh air into the refrigerated chamber while simultaneously venting air from within the refrigerated chamber. The air exchange device includes 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, and the second chamber having an inlet in flow communication with the refrigerated chamber in a discharge side of evaporator fan and an outlet opening in flow communication with a space exterior of the refrigerated chamber.

FIG.1