

LINEAR DRIVE FOR INTEGRATED DAMPER

ABSTRACT

A housing assembly having an integrated damper with a linear drive mechanism is provided. In one embodiment, the housing assembly includes a housing having an inlet and an outlet. A damper is disposed in the housing and is positionable to regulate flow entering the housing through the inlet. A linear drive mechanism is operably coupled to the damper and is adapted to linearly move the damper between positions that are spaced-apart from the housing and a position that closes the inlet. The linear drive mechanism is configured to move the damper linearly without rotating the damper.

FIG. 1