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(Model VCD-OB / Model VCD – PB) Motorised / Manual
volume control damper.

GENERAL

Hart VCD-OB or VCD-PB provides highly efficient air flow control in conventional air handling system. Both damper types are available with parallel blade configuration for Variable air volume application and opposed Blade for air mixing application. The damper Blades and frames are constructed of galvanized sheet with brass or nylon bushes. Multiple sections are inter-connected with a solid drive shaft and provide, together With individually adjustable internal blades linkages, positive connection for optimum close-off sealing.

Total damper design and close manufacturing tolerances of Hart dampers result in LONG CONTROL and ENERGY SAVINGS.

This range of Motorized VCD finds it's application in building construction and mining industry where ventilation, heating, cooling air-conditioning systems are employed.

The design concept is based on an interlinked set of blades connected with a solid drive shaft using a standard pneumatic actuator or electric-electronic fail-safe spring return actuator with a fusible link incorporated into closing mechanism and spring clip holding the blades in the closed position after closure. VCD is a precision designed damper with specific purpose, to control volumes of air passing through air-conditioning or ventilation systems either manually or via an actuator.

