

FrostSafe™ Two-Way Damper Val-Matic Specification

1 Scope

1.1 The vent pipe shall be equipped with a wafer-style, two-way hingeless damper to prevent cold air from entering the vault but allow the vent to perform its function of admitting and expelling air under normal operating conditions.

2 Standards, Approvals and Verification

2.1 Manufacturer shall have a quality management system that is certified to ISO 9001:2000 by an accredited, certifying body.

3 Design

3.1 The damper shall consist of a two-part bolted body with a field replaceable flexible disc that opens fully in either direction to provide 100% flow area. The disc shall close without requiring annular clearance with the body.

3.2 The device shall contain no hinges or seats subject to freezing.

4 Materials

4.1 The body and disc shall be constructed of corrosion resistant materials capable of operating in a temperature range of -40° F to 150° F.

5 Options

5.1 An optional VentSafe™ Security Cage shall be provided when specified to help prevent unauthorized access and foreign objects from entering the vault or reservoir vent, but still allow the vent to perform its function of admitting and expelling air under normal operating conditions.

6 Manufacture

6.1 The damper shall be a series 1500 as manufactured by Val-Matic Valve & Mfg. Corporation, Elmhurst, IL. USA. or approved equal.

Revised 10-17-06

FROSTSAFE™ TWO-WAY DAMPER SPECIFICATIONS

DATE 10-31-05

VAL-MATIC®

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-1500-S