Dampers

CORROSION PROTECTION OPTIONS

Corrosion Protection

A damper's application and the building's geographic location may require additional construction features or options to address specific concerns. In coastal applications, saltwater corrosion may be one of those concerns. Over time, saltwater will corrode standard galvanized steel dampers, resulting in a reduction in operating life. Greenheck control dampers can be specified with aluminum or stainless steel construction or with a variety of protective coatings. In addition, aluminum dampers can be ordered with an anodized finish to provide even greater corrosion and wear protection.

Model VCD-43

- "Best-in-class" low-leakage aluminum airfoil blade volume control damper
- AMCA certified for Air Performance and Leakage
- Blades and frames are fabricated from durable 6063T5 extruded aluminum, with a rugged 0.125 in. thickness frame
- Engineered to meet International Energy Conservation Code (IECC) requirements with a leakage rating of 3 cfm/ft^2 at 1 in. wg or less and is built to withstand 8 in. wg maximum pressure, an industry-leading benchmark for 60 in. blade spans.

Corrosion Protection Options

For applications that require saltwater and moisture resistance, model VCD-43 can be provided with the following options:

- Anodized finish (Clear 215 R1, 204 R1, with a variety of colors available)
- Type 316 stainless steel linkage, axles, and bearings. Type 316 SS offers far greater corrosion resistance than the type 304 SS used by other manufacturers
- TPE-type blade seals are standard. Optional silicone blade seals will maximize the damper's durability and extend the life of the damper in these applications

When configured in this manner, model VCD-43 offers superior resistance to moisture, saltwater, and other corrosive agents.

GREENHECK
Building Value in Air.

Dampers

CORROSION PROTECTION OPTIONS

Model ICD-45

- Premium low-leakage thermally broken frame and airfoil blade aluminum volume control damper
- AMCA certified for Efficiency, Air Performance, and Leakage
- Blades and frames are fabricated from 6063T5 extruded aluminum, with a 0.125 in. thickness frame, each thermally broken with durable polyurethane material
- Meets IECC requirements and is rated to an industry-leading 10 in. wg maximum pressure (at 60 in. blade width span)

Model ICD-45 has the highest AMCA-certified thermal efficiency ratio on the market today, an impressive 941%, making it the industry's first choice for air handling unit applications with high pressure requirements and other outside air applications where condensation formation/ freezing is a concern.

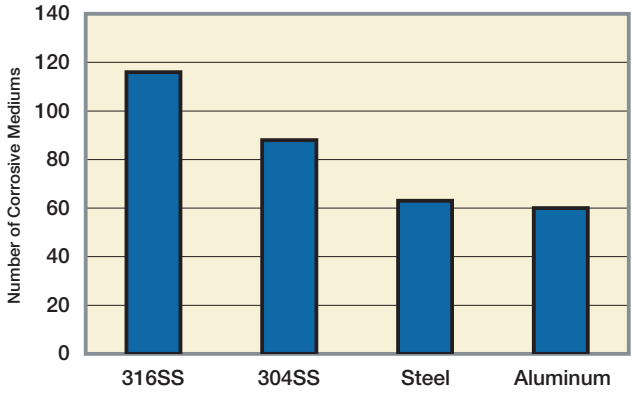
For applications that require additional protection from corrosion, Model ICD-45 can be provided with an optional anodized finish (Clear 215 R1) or specialty coatings and with type 316 SS linkage and axles. When configured in this manner, the ICD-45 offers best-in-class performance, durability, and can reduce the overall energy consumption of your system.

Stainless Steel Volume Control Dampers

Greenheck has a variety of volume control dampers for every application. Greenheck's Severe Environment line of volume control dampers (models SEVCD-23 and SEVCD-33) offer the ultimate in corrosion protection. They come standard with all components and hardware made from type 316 stainless steel, which offers greater corrosion resistance than competitive stainless steel dampers made from 304 stainless steel.

Materials with Excellent Corrosion Resistance

When tested against 140 different corrosive mediums, 316 stainless steel received an excellent rating for over 115 of those mediums.



For more information about how to design efficient systems using Greenheck dampers that save energy and reduce operating costs, contact your local Greenheck sales representative or contact dampers@greenheck.com.

Specify with Confidence. Specify Greenheck.
Connect with your local mechanical representative to learn more.

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