



General Damper Description

The GR1 series are low leak galvanized steel backdraft or barometric relief dampers for the commercial heating and air conditioning industry. The GR1 series dampers are typically used in a commercial economizer application, and may or may not be built into the economizer itself. The dampers meet energy codes including California's Title 24, IECC 2015, and ASHRAE 90.1 requirements.

The GR1 dampers are low leak, and have been AMCA tested. See accompanying leakage statement on this page for details.

GR1 damper information can be found at www.MicroMetl.com

Damper Features

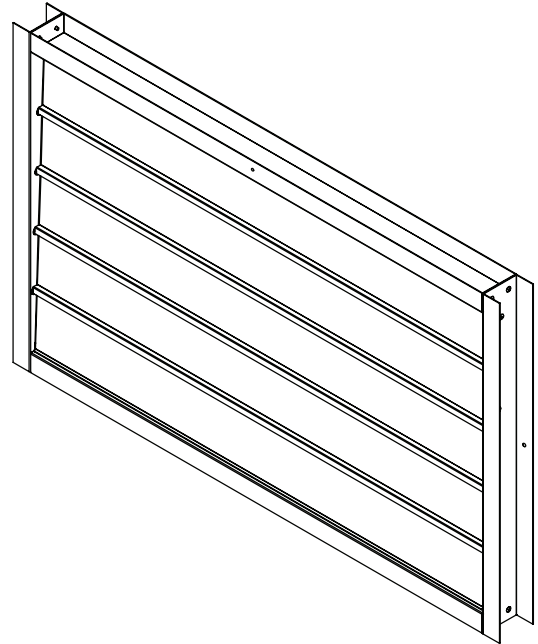
The GR1 backdraft dampers are parallel action type and integral blade axles ride in nylon bushing with snap-in fingers to ensure long lasting trouble free operation.

Blades and frame are constructed of galvanized steel, and damper frame includes gasket seal. Seam between blades also include a gasket seal for tight seal and quiet operation.

Damper Sizes:

Minimum damper width: 10.5" (267mm)
Minimum damper height: 7" (178mm)

Maximum damper width: 40" (1016mm)
Maximum damper height: 23" (584mm)



GR1 Series Backdraft Damper

GR1 Series Damper Leakage Data

Leakage testing conducted in accordance with AMCA Standard 500-D. Leakage for GR1 series is 17.1 cfm per square foot at 1" w.g. Tested to AMCA Figure 5.4A. Air leakage is based on operation between 0°C and 49°C (32°F and 120°F).

MicroMetl Corporation certifies that the model GR1 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with requirements of the AMCA Certified Ratings Programs. The AMCA Certified Ratings Seal applies to Air Leakage and Air Performance ratings.



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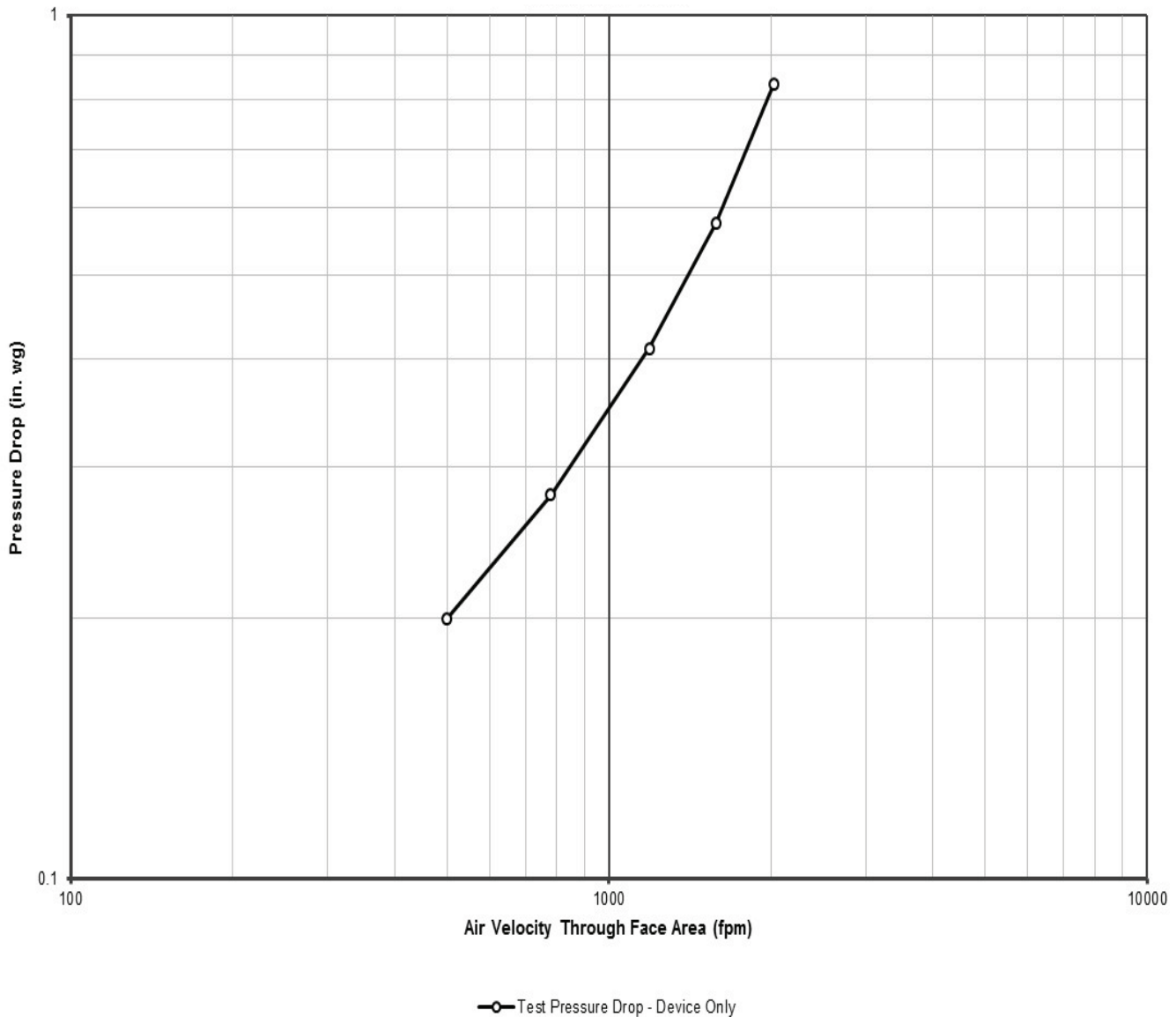


The following economizer prefixes use the GR1 Series Backdraft Damper.

4YCL, 50TM, AV-BARO, BAYBARO, BAYECON, CRPWREX, EC-, ECC-, ECD-, ECE-, ECH-, HD-, HDC-, HDD-, HDE-, JAYBARO, JAYECON, KIT-, MB-, MP-, PBE-, PCC-, PCD-, PCE-, PE-, PEBD-, PECD-, PECE-, PECH-, PEPD-, PEPE-, PPC-, PPD-, PPE-, PPH-, RDC-, RDE-, RD-, RH-.

DAMPER PRESSURE DROP DATA

Pressure drop tests were conducted in accordance with AMCA Standard 500-D using Figure 5.5. All data has been corrected to represent standard air at a density of .075 lb/ft² (1,201 kg/m³)



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PEBD-, PECD-, PECE-, PECH-, PEPD-, PEPE-, PPC-, PPD-, PPE-, PPH-, RDC-, RDE-, RD-,
RH-.

Contact MicroMetl for specific economizer damper sizes and models available or
visit us at www.micrometl.com

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