# Breather Sizing Chart

Please Note: This sizing guide is intended as a general guideline for sizing only. Other considerations, such as humidity level, frequency of air flow, ambient temperature, and chemical compatibility are very important in sizing a proper breather properly. Large applications and special circumstances typically require the use of thorough analysis.

<table>
<thead>
<tr>
<th>Product Line</th>
<th>Description</th>
<th>Tote Capacity</th>
<th>Air Volume</th>
<th>Hyd. Max.</th>
<th>Res. Max.</th>
<th>Wet Max.</th>
<th>Flow Rate</th>
<th>PSI</th>
<th>Part Size</th>
<th>Ideal For</th>
<th>Comments</th>
</tr>
</thead>
</table>
| Standard Mini Disposables Units DC-88 | 0.130 | 15 | 2 | 15 | 34.125 | 4.55 | A1 | 1 | 1 PSID | 3/8" | Intermittent Operations, Transforms, 
Small Totes, Pumps |
| Standard Mini Disposables Units DC-1 | 0.28 | 15 | 5 | 15 | 31.2 | 4.16 | A1 | 1 | 1 PSID | 3/8" | Intermittent Operations, 
Transformers, Small Totes, Pumps |
| Standard Disposables Units DC-2 | 0.66 | 300 | 60 | 200 | 128 | 16 | A1 | 1 | 1 PSID | 1" | Storage Tanks, Totes |
| Standard Disposables Units DC-3 | 1.220 | 350 | 100 | 350 | 128 | 16 | A1 | 1 | 1 PSID | 1" | Storage Tanks, Totes |
| Standard Disposables Units DC-4 | 1.98 | 400 | 200 | 500 | 128 | 16 | A1 | 1 | 1 PSID | 1" | Storage Tanks, Totes |
| New™ Venguard (First Shown 8/1/11) DC-VG-88 | 0.13 | 15 | 2 | 15 | 10.875 | 1.45 | A1 | 1 | 1 PSID | 3/8" | Degasers, Low-Flow Applications, Frequent Washdowns, Overflow Storage, 
Low-Flow Applications, Frequent Washdowns |
| Venguard DC-VG-1 | 0.38 | 35 | 5 | 35 | 10.875 | 1.45 | A1 | 1 | 1 PSID | 3/8" | Degasers, Low-Flow Applications, Frequent Washdowns, Overflow Storage, 
Low-Flow Applications, Frequent Washdowns |
| New™ Venguard (First Shown 8/1/11) DC-VG-2 | 0.66 | 300 | 60 | 200 | 18.75 | 2.5 | A1 | 1 | 1 PSID | 1" | Degasers, Low-Flow Applications, Frequent Washdowns, Overflow Storage, 
Low-Flow Applications, Frequent Washdowns |
| New™ Venguard (First Shown 8/1/11) DC-VG-1 | 1.22 | 350 | 100 | 350 | 17.1 | 2.75 | A1 | 1 | 1 PSID | 1" | Degasers, Low-Flow Applications, Frequent Washdowns, Overflow Storage, 
Low-Flow Applications, Frequent Washdowns |
| Hydguard DC-HG-1 | 0.28 | na | na | 50 | 10.575 | 1.41 | A1 | 1 | 1 PSID | 3/8" | Degasers, High-Humidity Applications, Frequent Washdowns |
| Hydguard DC-HG-2 | 0.620 | 40 | na | 40 | 18.75 | 2.5 | A1 | 1 | 1 PSID | 1" | Degasers, High-Humidity Applications, Frequent Washdowns |
| New™ Non-Desiccant Breather (Shipping Piece) DC-ND-2 | na | 5 to 15 | na | 5 to 15 | 5.025 | 6.87 | A1 | 1 | 1 PSID | 3/8" NPT | Low Humidity Applications, Continuous Operation, Frequent Washdowns, Air- 
High-Dust Environments, Oil 
Misting Applications |
| New™ Non-Desiccant Breather (First Shown 7/1/11) DC-ND-35 | na | See Comments | 5.025 | 6.87 | A1 | 1 | 1 PSID | 1" | Low Humidity Applications, Continuous Operation, Frequent Washdowns, Air- 
High-Dust Environments, Oil 
Misting Applications. Sizing should be made per flow rate,危货货 |

**Extreme Duty Breather**

<table>
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</table>
| Rebuildable Steel Breather DC-RS-1 | 2 | 800 | 400 | 800 | 637.5 | 85 | A1.5 | 5 | 1 PSID | 2" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-1 | 5 | 1,300 | 600 | 1,300 | 637.5 | 85 | A1.5 | 5 | 1 PSID | 2" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-9 | 9 | 2,400 | 1,200 | 2,400 | 600 | 80 | A1.5 | 5 | 1 PSID | 2" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-15 | 15 | 4,000 | 1,600 | 4,000 | 1,507.5 | 205 | A1.5 | 5 | 1 PSID | 3" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-25 | 25 | 7,000 | 2,800 | 7,000 | 1,000 | 140 | A1.5 | 5 | 1 PSID | 3" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-35 | 40 | 12,000 | 4,800 | 12,000 | 1,000 | 140 | A1.5 | 5 | 1 PSID | 3" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-75 | 75 | 21,000 | 8,400 | 21,000 | 600 | 80 | A1.5 | 5 | 1 PSID | 3" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-100 | 100 | 30,000 | 12,000 | 30,000 | 200 | 270 | A1.5 | 5 | 1 PSID | 4" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-150 | 150 | 50,000 | 20,000 | 50,000 | 1,875 | 250 | A1.5 | 5 | 1 PSID | 4" NPT | High Environment, Mobile Equipment, 
Nautical Applications |
| Rebuildable Steel Breather DC-RS-300 | 300 | 95,000 | 38,000 | 95,000 | 1,880 | 240 | A1.5 | 5 | 1 PSID | 4" NPT | High Environment, Mobile Equipment, 
Nautical Applications |

**Rebuildable Steel Breathers can be customized based on the customer's needs.**

DC Breathers are sold in a variety of the following Categories:

- **Steel Breathers**
  - Controlled Flow
  - 3/8" Stainless Steel
- **Gasket Material**
  - Butyl Seals
  - Viton
  - SBR Rubber
- **Filter Material**
  - Standard
  - Polyurethane

**Rebuildable Steel Breathers are offered in plastic units, ordered with plastic should not include the humpacks.**

*Note: All dimensions are approximate and subject to change.*