



Technical Data sheet

GUARDIAN SERIES



GUARDIAN is Air Sentry's industry leading breather series. Some models feature an isolation check valve that keeps exhaust air from depleting the desiccant and protects from volatile fumes and splashing fluids. The GUARDIAN's casing is constructed from Tritan®, a patented material highly resistant to impact and chemicals with a broad range of operating temperatures. These unique features equate to a longer life for your breather and your equipment.

GUARDIAN's modular construction and optional add-on features allow you to customize each Guardian model to your specific application requirements. From the isolation check valve, to its stackable design, from its wash-down cap, or its compound indicating gauge, to the high-capacity HEPA filter, the GUARDIAN will last longer and reduce downtime giving you the flexibility you need to protect your industrial assets.

Ideal for Most Applications - The only desiccant breather series that Air Sentry recommends for diesel fuel applications* (not recommended for other fuel applications) *Guardian breathers used on diesel fuel applications must be accompanied with an isolation check valve. See Guardian models ending in NC, NG, NGC. Not available in models ending in N.

SPECIFICATIONS

| Model | Height Inches (cm) | Diameter | Mounting Connector | Silica Gel lbs (kg) | Max Absorbion Capacity FL Ounces (ml) | Max Air Flow | Max Reservoir Fluid Flow | Type of Medium | Cartridge |
|----------|--------------------|----------|--------------------|---------------------|---------------------------------------|--------------|--------------------------|----------------|-----------|
| G5S2NC | 9 (22.3) | 5.125" | 2" NPT | 1.5 (0.68) | 9.2 (272) | 25 cfm | 187 gpm | Silica Gel | GRC5SC |
| G8S2NGC | 12 (30.5) | 5.125" | 2" NPT | 2.8 (1.27) | 17.2 (508.7) | 25 cfm | 187 gpm | Silica Gel | GRC8SC |
| G12S2NGC | 16 (40.6) | 5.125" | 2" NPT | 4.5 (2) | 27.6 (816) | 25 cfm | 187 gpm | Silica Gel | GRC12SC |
| GRC5SC | 5 | 5 | n/a | 1.5 (0.68) | 9.2 (272) | n/a | n/a | Silica Gel | n/a |
| GRC8SC | 8 | 5 | n/a | 2.8 (1.27) | 17.2 (508.7) | n/a | n/a | Silica Gel | n/a |
| GRC12SC | 12 | 5 | n/a | 4.5 (2) | 27.6 (816) | n/a | n/a | Silica Gel | n/a |