



HIGH PURITY GAS FILTRATION APPLICATION DATA SHEET

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CUSTOMER** |  | | | **DATE** |  |
| **ADDRESS** |  | | | | |
|  | | | | |
| **CONTACT:** |  | | | | |
| **PHONE:** |  | **Email** |  | | |

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| **APPLICATION: Please check appropriate box for your filtration application.** | | | | | |
|  | Process Gas (Point of Use) |  | Bulk Specialty Gas |  | High Pressure (>3,000 PSIG) |
|  | Bulk Inert Gas |  | Surface Mount Gas System |  | Pre Filters (> 0.1 um) |

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| --- | --- |
| Gas Name: (e.g. Nitrogen) |  |
| Flow Rate in standard liters per min (SLPM): |  |
| Inlet Pressure in PSIG |  |
| Maximum Operating Pressure in PSIG |  |
| Maximum Allowable Pressure Drop in PSID |  |
| Particle size retention: (0.003 µm standard) |  |
| Filtration Efficiency:(9 LRV is standard) |  |
| Dimesions: Length, Outside Diameter | OAL (Inches) : Max OD (Inches): |

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| --- | --- | --- | --- | --- |
| **Materials of Construction:** | | | | |
| Housing: |  | 316LSS |  | Hastelloy C22 |
|  |  | Other (Please Specify): | | |
| Filter Medium |  | 316LSS |  | Hastelloy C22 |
|  |  | Nickel |  | Other:  (Please Specify) |

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| **Fitting Types:** | Inlet | | | | | | Outlet | | | | | |
| Check appropriate box for inlet and outlet |  | Male VCR | | | | |  | Male VCR | | | | |
|  |  | Female VCR | | | | |  | Female VCR | | | | |
|  |  | Compression | | | | |  | Compression | | | | |
|  |  | Other: | | | | |  | Other: | | | | |
| Surface Mount Style |  | 1 1/8 in C-Seal | | | | |  | 1 ½ in C-Seal | | | | |
|  |  | 1/1/8 in W-Seal | | | | |  | 1 ½ in W-Seal | | | | |
| **Fitting Sizes:** (Inlet/Outlet) Check appropriate box for inlet and outlet | VCR, Compression and Welded tube sizes (Inches) | | | | | | Welded Tube Stub size Only (Inches) | | | | | |
| Inlet Size | 1/4 | | 3/8 | 1/2 | 3/4 | 1 | 1 ½ | | 2 | 3 | 4 | 6 |
| Outlet size | 1/4 | | 3/8 | 1/2 | 3/4 | 1 | 1 ½ | | 2 | 3 | 4 | 6 |