

Technical Specifications

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| Minimum flow rates* | 50 cc/minute with G3000HR meter 75 cc/minute with G3000 meter 50 cc/minute with high resolution Helical flow meter 100 cc/minute with Helical flow meter (ambient/heated) |
| Maximum flow rates* | 1500 cc/minute with G3000HR meter 2000 cc/minute with G3000 meter 3750 cc/minute with high resolution Helical flow meter 7500 cc/minute with Helical flow meter (ambient/heated) |
| Maximum fluid working pressure | |
| feed pressure to fluid pane | 5000 psi (345 bar, 34.5 MPa) |
| at regulator outlet | 4500 psi (310 bar, 31 MPa) |
| at regulator outlet with electric heat components | 3500 psi (241 bar, 24 MPa) |
| Minimum fluid working pressure | |
| at regulator outlet | 500 psi (34.5 bar, 3.5 MPa) |
| Minimum back pressure | |
| between regulator outlet and dispense nozzle | 500 psi (34.5 bar, 3.5 MPa) |
| Air supply pressure range | 60-120 psi (4.1- 8.3 bar, 0.4 - 0.8 MPa) filtration required |
| Fluid filtration required | 30 mesh (500 micron) minimum |
| Viscosity range of fluids* | 50 to 50000 cps with G3000 meter 10000 to 1000000 cps with Helical meter |
| Minimum dispensed shot size* | 3 cc with G3000HR meter 6 cc with G3000 meter 7 cc with Helical meter 4 cc with High Resolution Helical meter |
| V/P output | 1 to 5 VDC provide 0 to 100 psi (68 MPa, 6.8 bar) |
| Wetted parts | |
| meters and fluid panels | 303, 304, 321, 17- 4 stainless steel; tungsten carbide, PTFE, steel, Viton® |
| Power requirements | Full Load Amps - 1, Fused Amps - 2 |
| Power supply voltage range | |
| 120 VAC nominal | 93 - 264 VAC, 50-60 Hz, single phase |
| Operating temperature range | |
| Controller | 40° - 122° F (4° - 50° C) |
| Fluid panel | 40° - 400° F (4° - 204° C) |
| Operating humidity range | 0 - 90% non-condensing |

*Flow rates and viscosities are general estimates. Flow rates drop as viscosity increases. Fluids are expected to shear under pressure. New applications or fluids should always be tested to determine proper line sizes and equipment selections.

See your Graco Authorized distributor for other capabilities

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