



## Guardian™ Series

**\*\*All Guardian™ models contain a 2-micron filter\*\***

Model	Check Valve PSI In/Out	Height inches (cm)	Diameter inches (cm)	Mounting Connection –FEMALE–	Silica Gel lbs (kg)	Maximum Adsorption Capacity fl. ounces (mL)	Maximum Air Flow (cfm)	Maximum Reservoir Fluid Flow (gpm)	Type of Medium	Isolation Check Valve	Compound Indicating Gauge	Uses Replacement Cartridge
G5S1N	0.1/0.1	9" (22.3)	5.125"	1" NPT	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	No	No	GRC5S
G5S1NC	0.1/0.1	9" (22.3)	5.125"	1" NPT	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	Yes	No	GRC5SC
G5S1NG	0.1/0.1	9" (22.3)	5.125"	1" NPT	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	No	Yes	GRC5S
G5S1NGC	0.1/0.1	9" (22.3)	5.125"	1" NPT	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	Yes	Yes	GRC5SC
G5S2N	0.1/0.1	9" (22.3)	5.125"	2" NPT	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	No	No	GRC5S
G5S2NC	0.1/0.1	9" (22.3)	5.125"	2" NPT	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	Yes	No	GRC5SC
G5S2NG	0.1/0.1	9" (22.3)	5.125"	2" NPT	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	No	Yes	GRC5S
G5S2NGC	0.1/0.1	9" (22.3)	5.125"	2" NPT	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	Yes	Yes	GRC5SC
G5S1B	0.1/0.1	9" (22.3)	5.125"	1" BSP	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	No	No	GRC5S
G5S1BC	0.1/0.1	9" (22.3)	5.125"	1" BSP	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	Yes	No	GRC5SC
G5S1BG	0.1/0.1	9" (22.3)	5.125"	1" BSP	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	No	Yes	GRC5S
G5S1BGC	0.1/0.1	9" (22.3)	5.125"	1" BSP	1.5 (0.68)	9.2 (272)	25	187	Silica Gel	Yes	Yes	GRC5SC
G8S1N	0.1/0.1	12" (30.5)	5.125"	1" NPT	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	No	No	GRC8S

**Note: Guardian™ Cartridges should only be used with Guardian™ top and bottom caps. When using cartridges with the Isolation Check Valve, always ensure the valve is at the bottom of the cartridge. When using the Modular Stack Ring™, do not stack multiple cartridges with Isolation Check Valves. Use the Isolation Check Valve on the bottom cartridge only.**

Model	Check Valve PSI In/Out	Height inches (cm)	Diameter inches (cm)	Mounting Connection –FEMALE–	Silica Gel lbs (kg)	Maximum Adsorption Capacity fl. ounces (mL)	Maximum Air Flow (cfm)	Maximum Reservoir Fluid Flow (gpm)	Type of Medium	Isolation Check Valve	Compound Indicating Gauge	Uses Replacement Cartridge
G8S1NC	0.1/0.1	12" (30.5)	5.125"	1" NPT	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	Yes	No	GRC8SC
G8S1NG	0.1/0.1	12" (30.5)	5.125"	1" NPT	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	No	Yes	GRC8S
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G8S2NC	0.1/0.1	12" (30.5)	5.125"	2" NPT	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	Yes	No	GRC8SC
G8S2NG	0.1/0.1	12" (30.5)	5.125"	2" NPT	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	No	Yes	GRC8S
G8S2NGC	0.1/0.1	12" (30.5)	5.125"	2" NPT	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	Yes	Yes	GRC8SC
G8S1B	0.1/0.1	12" (30.5)	5.125"	1" BSP	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	No	No	GRC8S
G8S1BC	0.1/0.1	12" (30.5)	5.125"	1" BSP	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	Yes	No	GRC8SC
G8S1BG	0.1/0.1	12" (30.5)	5.125"	1" BSP	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	No	Yes	GRC8S
G8S1BGC	0.1/0.1	12" (30.5)	5.125"	1" BSP	2.8 (1.27)	17.2 (508.7)	25	187	Silica Gel	Yes	Yes	GRC8SC
G12S1N	0.1/0.1	16" (40.6)	5.125"	1" NPT	4.5 (2)	27.6 (816)	25	187	Silica Gel	No	No	GRC12S
G12S1NC	0.1/0.1	16" (40.6)	5.125"	1" NPT	4.5 (2)	27.6 (816)	25	187	Silica Gel	Yes	No	GRC12SC
G12S1NG	0.1/0.1	16" (40.6)	5.125"	1" NPT	4.5 (2)	27.6 (816)	25	187	Silica Gel	No	Yes	GRC12S
G12S1NGC	0.1/0.1	16" (40.6)	5.125"	1" NPT	4.5 (2)	27.6 (816)	25	187	Silica Gel	Yes	Yes	GRC12SC
G12S2N	0.1/0.1	16" (40.6)	5.125"	2" NPT	4.5 (2)	27.6 (816)	25	187	Silica Gel	No	No	GRC12S
G12S2NC	0.1/0.1	16" (40.6)	5.125"	2" NPT	4.5 (2)	27.6 (816)	25	187	Silica Gel	Yes	No	GRC12SC
G12S2NG	0.1/0.1	16" (40.6)	5.125"	2" NPT	4.5 (2)	27.6 (816)	25	187	Silica Gel	No	Yes	GRC12S

**Note: Guardian™ Cartridges should only be used with Guardian™ top and bottom caps. When using cartridges with the Isolation Check Valve, always ensure the valve is at the bottom of the cartridge. When using the Modular Stack Ring™, do not stack multiple cartridges with Isolation Check Valves. Use the Isolation Check Valve on the bottom cartridge only.**

Model	Check Valve PSI In/Out	Height inches (cm)	Diameter inches (cm)	Mounting Connection –FEMALE–	Silica Gel lbs (kg)	Maximum Adsorption Capacity fl. ounces (mL)	Maximum Air Flow (cfm)	Maximum Reservoir Fluid Flow (gpm)	Type of Medium	Isolation Check Valve	Compound Indicating Gauge	Uses Replacement Cartridge
G12S2NGC	0.1/0.1	16" (40.6)	5.125"	2" NPT	4.5 (2)	27.6 (816)	25	187	Silica Gel	Yes	Yes	GRC12SC
G12S1B	0.1/0.1	16" (40.6)	5.125"	1" BSP	4.5 (2)	27.6 (816)	25	187	Silica Gel	No	No	GRC12S
G12S1BC	0.1/0.1	16" (40.6)	5.125"	1" BSP	4.5 (2)	27.6 (816)	25	187	Silica Gel	Yes	No	GRC12SC
G12S1BG	0.1/0.1	16" (40.6)	5.125"	1" BSP	4.5 (2)	27.6 (816)	25	187	Silica Gel	No	Yes	GRC12S
G12S1BGC	0.1/0.1	16" (40.6)	5.125"	1" BSP	4.5 (2)	27.6 (816)	25	187	Silica Gel	Yes	Yes	GRC12SC

Replacement Cartridges												
Model	Check Valve PSI In/Out	Height inches (cm)	Diameter inches (cm)	Mounting Connection –FEMALE–	Adsorbant lbs (kg)	Maximum Adsorption Capacity fl. ounces (mL)	Maximum Air Flow (cfm)	Maximum Reservoir Fluid Flow (gpm)	Type of Medium	Isolation Check Valve	Compound Indicating Gauge	Uses Replacement Cartridge
GRC5AC	n/a	5"	5"	n/a	0.67 (0.3)	n/a	n/a	n/a	Activated Carbon for fume and odor removal	No	n/a	
GRC5ACC	n/a	5"	5"	n/a	0.67 (0.3)	n/a	n/a	n/a	Activated Carbon for fume and odor removal	Yes	n/a	
GRC5M	n/a	5"	5"	n/a	1.5 (0.68)	4.6 (136)	n/a	n/a	Molecular Sieve for low humidity	No	n/a	
GRC5MC	n/a	5"	5"	n/a	1.5 (0.68)	4.6 (136)	n/a	n/a	Molecular Sieve for low humidity	Yes	n/a	
GRC5S	n/a	5"	5"	n/a	1.5 (0.68)	9.2 (272)	n/a	n/a	Silica Gel	No	n/a	
GRC5SC	n/a	5"	5"	n/a	1.5 (0.68)	9.2 (272)	n/a	n/a	Silica Gel	Yes	n/a	

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Model	Check Valve PSI In/Out	Height inches (cm)	Diameter inches (cm)	Mounting Connection –FEMALE–	Silica Gel lbs (kg)	Maximum Adsorption Capacity fl. ounces (mL)	Maximum Air Flow (cfm)	Maximum Reservoir Fluid Flow (gpm)	Type of Medium	Isolation Check Valve	Compound Indicating Gauge	Uses Replacement Cartridge
GRC8S	n/a	8"	5"	n/a	2.8 (1.27)	17.2 (508.7)	n/a	n/a	Silica Gel	No	n/a	
GRC8SC	n/a	8"	5"	n/a	2.8 (1.27)	17.2 (508.7)	n/a	n/a	Silica Gel	Yes	n/a	
GRC12S	n/a	12"	5"	n/a	4.5 (2)	27.6 (816)	n/a	n/a	Silica Gel	No	n/a	
GRC12SC	n/a	12"	5"	n/a	4.5 (2)	27.6 (816)	n/a	n/a	Silica Gel	Yes	n/a	

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