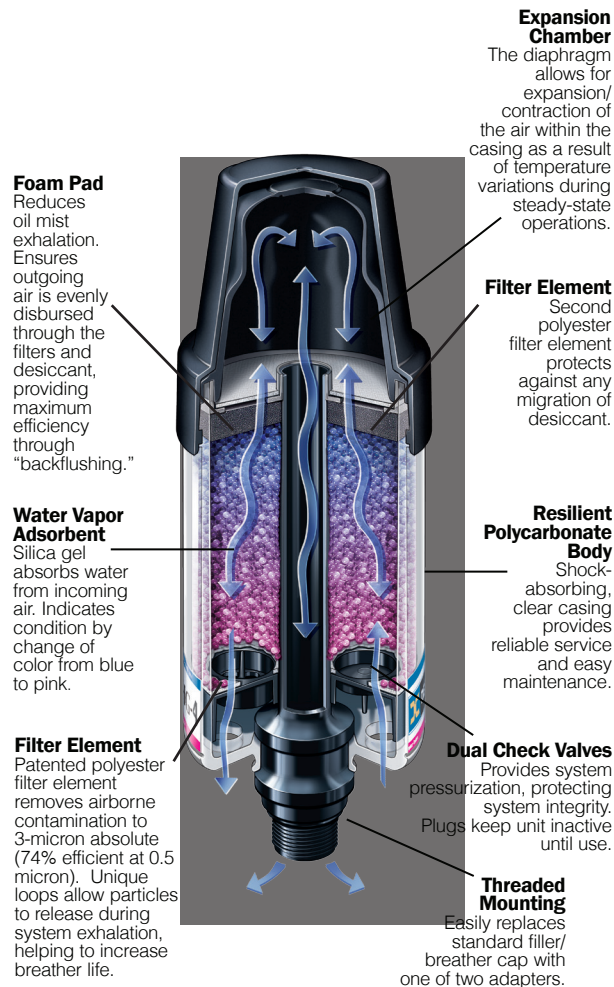


How it works:



As wet, dirty air is drawn through the unit, multiple 3-micron polyester filter elements remove solid particulate and the color-indicating silica gel extracts moisture. The diaphragm allows for expansion/contraction of the air within the casing as a result of temperature variations during steady-state operations (DC-HG-1 only). When air is expelled from the container, the top foam pad prevents oil mist from contacting silica gel or entering the atmosphere. The hygroscopic agent is partially reactivated by the dry air passing back through.

Model Number	DC-VG-1	DC-HG-1*
Unit Height	5.316" / 135 mm	7.2" / 183 mm
Unit Diameter	2.53" / 65 mm	2.53" / 65 mm
Amount of Silica gel (oz./g)	4.43 oz / 125.5 g	4.43 oz / 125.5 g
Adsorption Capacity (fl. oz./mL)	1.7 fl. oz. / 50.3 mL	1.7 fl. oz. / 50.3 mL
Max. Flow Rate	(cfm) 1.51 @ 1 PSID	1.51 @ 1 PSID
	(lpm) 42.76	42.76
Filtration (μ absolute)	3	3
Op. Temp. Range ($^{\circ}$ F/ $^{\circ}$ C)	-20/-28.9 to 200/93	-20/-28.9 to 200/93
Hydrophilic Agent	Silica Gel	Silica Gel
Filter Media	Polyester	Polyester
Connection Size	3/8" (NPT)	3/8" (NPT)

*Replaces DC-VG-4.