



# **CAMERON GREAT LAKES, INC.**

## **MOLECULAR FILTRATION SPECIALISTS**

VT242412-C-SH vs VK-10-PH

### **FILTER SPECIFICATIONS**

	<b>CGL—C</b>	<b>Vari-Klean- carbon</b>
<b>RATED AIR FLOW</b>	<b>2000 CFM</b>	<b>2000 CFM</b>
<b>RATED AIR VELOCITY, MAX</b>	<b>500 FPM</b>	<b>500 FPM</b>
<b>Initial Resistance, IWG</b>	<b>0.45</b>	<b>0.40</b>
<b>FIRST PASS REMOVAL EFFICIENCY</b>	<b>&gt; 95 %</b>	<b>95%</b>
<b>MEDIA WEIGHT</b>	<b>36 pounds</b>	<b>6 pounds</b>
<b>CONTAMINANT REMOVAL GUIDE</b>	<b>General Purpose VOC's</b>	<b>General Purpose VOC's</b>
<b>OPERATING WEIGHT</b>	<b>49 pounds</b>	<b>-</b>

There are a few items to point out. The initial resistance of the Vapor Trap filter remains constant provided it is protected from particulate contamination. An optional downstream dusting filter is available.

The activity of the VariKlean carbon is 90 CTC, and the CGL carbon is 60 CTC. The 1.5 time increase in activity would be equivalent to 9 pounds of a 60 CTC carbon, still less than one third the weight of carbon in the Vapor Trap Filter. The higher activity carbon and finer particle size used in the VariKlean filter is necessary to offset the low media weight and lack of bed depth.

Life expectancy of the filter is proportional to the weight of media in the filter. If you compare media weights of the VTC to the VariKlean, life expectancy of the Vapor Trap will be 3 times longer than that of the Vari-Kelan filter..

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