

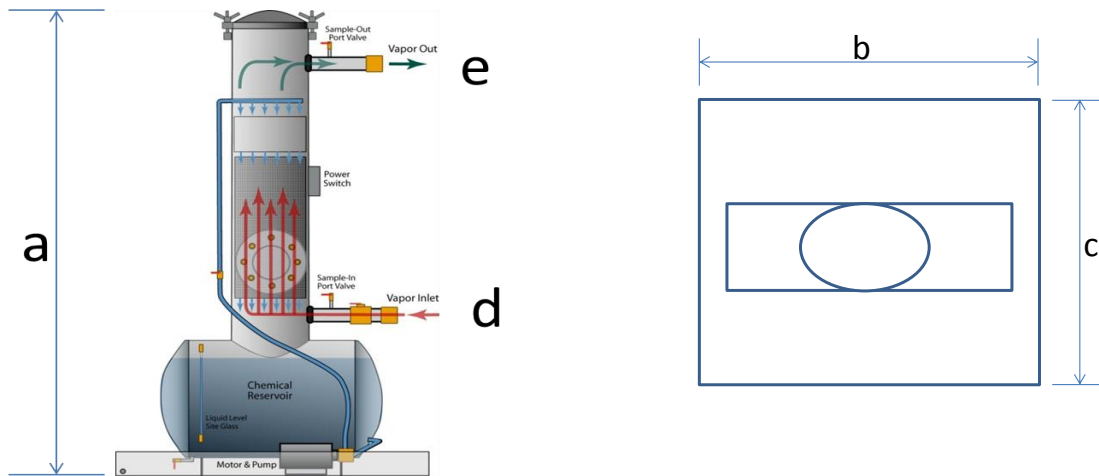
PRODUCT DATA SHEET

**VAPOR TIGHT SERIES
Patented Low Pressure Vapor Control Units**

Product Description: Low Pressure Vapor Control Units (VCUs) are designed for the removal of vapor phase contaminants. Miller's Patented Low Pressure VCUs are designed specifically for applications that require minimal pressure drop across the scrubbing media. Low Pressure Systems utilize a packed tower and a cross flow of the liquid scrubbing media to the vapor stream to adsorb the contaminants. These units are typically used as a pre-treatment for the reduction of contaminants prior to final polishing with activated carbon.

Depending on the liquid media utilized within the vessel, various contaminants may be targeted. Typical contaminants removed include H2S, total VOCs, Benzene and other volatile organic compounds. The contaminant removal efficiency of the unit depend on the liquid media, flow rates, contaminant concentrations and other variables. Please contact Miller Environmental Services, Inc. for assistance in determining the optimal liquid scrubbing media. Typical applications for the Patented Low Pressure VCUs include frac tanks, sumps, above ground storage tanks, oily water sewers, sour water strippers and centrifuges.

US Patent Number: US 7,147,689



MODEL	2012	2416	2420	3630	4836
Maximum Flow Rate	50 cfm	75 cfm	250 cfm	1200 cfm	2500 cfm
Weight of Unit (empty)	700 lbs	800 lbs	1100 lbs	3100 lbs	4200 lbs
Height (a)	6'-6"	7'-8"	8'-0"	13'-7"	14'-2"
Width (b)	3'-0"	4'-0"	4'-0"	5'-0"	5'-0"
Length (c)	5'-0"	6'-0"	6'-0"	8'-0"	8'-0"
Diameter of tower	12"	16"	20"	30"	36"
Vapor Inlet size (d)	2"	3"	3"	4" or 6"	6"
Vapor Outlet size (e)	2"	3"	3"	4" or 6"	6"
Maximum Operating Pressure	15 psi	15 psi	15 psi	15 psi	15 psi
Maximum Operating Temperature	150° F	150° F	150° F	150° F	150° F
ASME manway size	12"	16"	20"	20"	20"
Motor RPMs	1725	1725	1725	3200	3200
Motor HP	1/2 hp	1/2 hp	1/2 hp	1/2 hp	5.0 hp
Electrical Rating	Class 1, Division 1	Class 1, Division 1	Class 1, Division 1	Class 1, Division 1	Class 1, Division 1
Electrical requirements:	110 Volt	110 Volt	110 Volt	110 Volt	480 Volt
Pump Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Magnetic Drive
Chemical Reservoir Capacity (Working)	35 gallons	45 gallons	60 gallons	400 gallons	550 gallons

The technical information provided herein is true and accurate to the best of our knowledge as of the date of issuance and is subject to change without notice. No guarantee of accuracy is given or implied because variations can and do exist. No warranty or guarantee of any kind is made by Miller Environmental Services, Inc.