

VT SERIES

Spray Booth - High Efficiency Venturi System

The VT series spray booth

uses the unique, patented venturi plate to provide continual mixing throughout the tank. A fan create a high velocity air stream across venturi throat. This causes the surface to shear and liquid is entrained by the air.

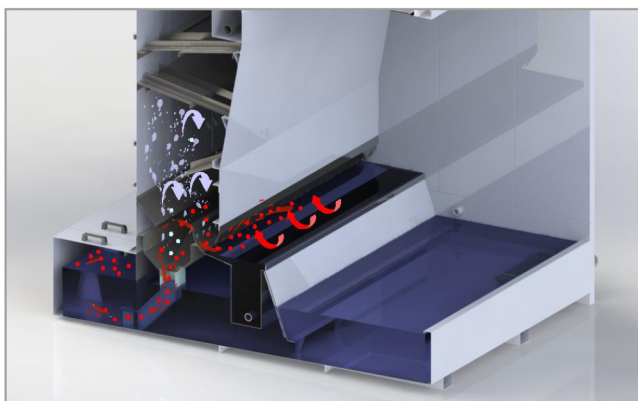
VT Series is a improved design of our previous model.

Constant suction air flow with high collecting efficiency is the first priority in design of this series.



How VT Series works?

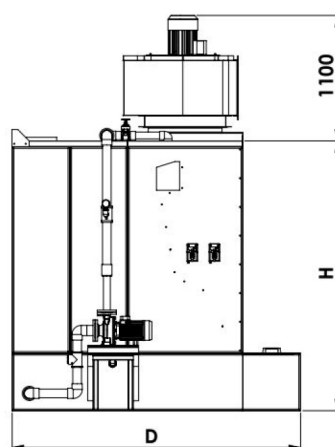
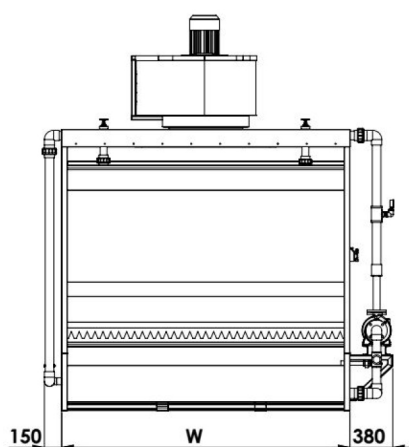
The VT series spray booth uses the unique, patented venturi plate to provide continual mixing throughout the tank. A fan create a high velocity air stream across venturi throat. This causes the surface to shear and liquid is entrained by the air. Overspray is drawn into air/liquid mixture and violently scrubbed in area of extreme turbulence caused by sharp changes in the direction of the air/liquid stream. Before the clear air is exhausted to atmosphere, a series of eliminator plates separate the air from the liquid mixture.



Collecting Efficiency

- Air Flow Speed : 0.7 m/s
- Filter used to capture overspray : EU-3
- Spray Booth Model : VT-25
- Method of Testing : Weight Measurement of Spray paint and Final Filter Capture

Testing Date	Color Weight	Thinner Weight	Solid Contain	Result Collecting Efficiency
22/05/2017	2 kg.	4 kg.	20%	98.2%
29/05/2017	2 kg.	4 kg.	20%	98.0%
10/06/2017	3.5 kg.	1.5 kg.	50%	99.12%



Specification Sheet

Model	Size (m.)	Exhaust Fan							Circulation Pump						
		Model	Volume	Static	Motor		Q'ty	Model	Volume	Static	Motor		Q'ty		
	W x D x H	Size	CMM	in. Wq	(HP / kW)		(Set)	Tpye	LPM	mH	(HP / kW)		(Set)		
VT - 15	1.5 x 2.5 x 2.3	500 T-RD	124	4	4	/	3	1	3D 50 125/2.2	675	10	3	/	2.2	1
VT - 20	2.0 x 2.5 x 2.3	630 T-RD	166	4	5.5	/	4	1	3D 50 125/2.2	900	10	3	/	2.2	1
VT - 25	2.5 x 2.5 x 2.3	630 T-RD	207	4	7.5	/	5.5	1	3D 50 125/3.0	1125	10	4	/	3	1
VT - 30	3.0 x 2.5 x 2.3	630 T-RD	248	4	10	/	7.5	1	3D 65 125/4.0	1350	10	5.5	/	4	1