VT Series　VTシリーズ

V1.2

Spray Booth - High Efficiency Venturi System
塗装ブース　塗料ミスト　高捕集効率 ベンチュリー型

VT Series is a improved design of our previous model. This series is based on 40 years of booth manufacturing experience. Constant suction air flow with high collecting efficiency is the first priority in design of this series.

VTシリーズは塗装ブース製造40年の経験がある当社が旧型式を改善した設計です。
特長：安定したエア吸引と塗料ミストの高い捕集効率を実現

How VT Series works
VTシリーズの捕集原理

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.

VTシリーズは当社の特許技術であるベンチュリープレートを使用し、水槽全体の水を継続的に撹拌します。排気ファンが発生する高速度の気流による遠心力により塗料ミストは空気流から分離されます。
空気流から分離された塗料ミストは水槽に捕集され、水はエリミネーター(返し板)　より
排出されるのを防ぎ、空気のみ排気口より排出されます。

ThaiPollutech Machinery

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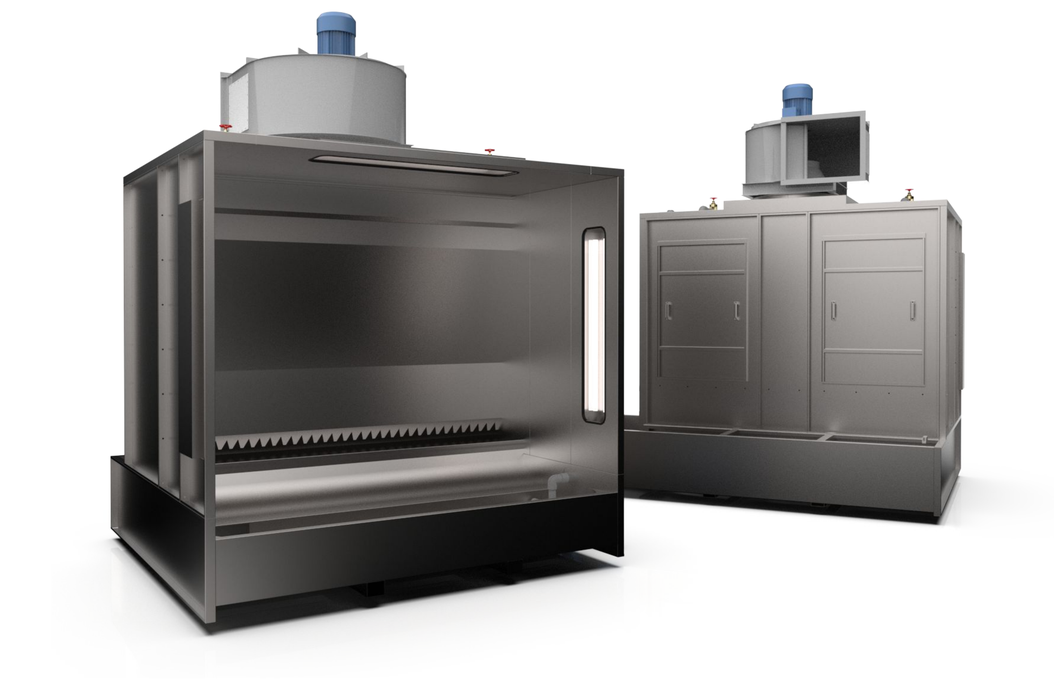
Collecting Efficiency
捕集効率

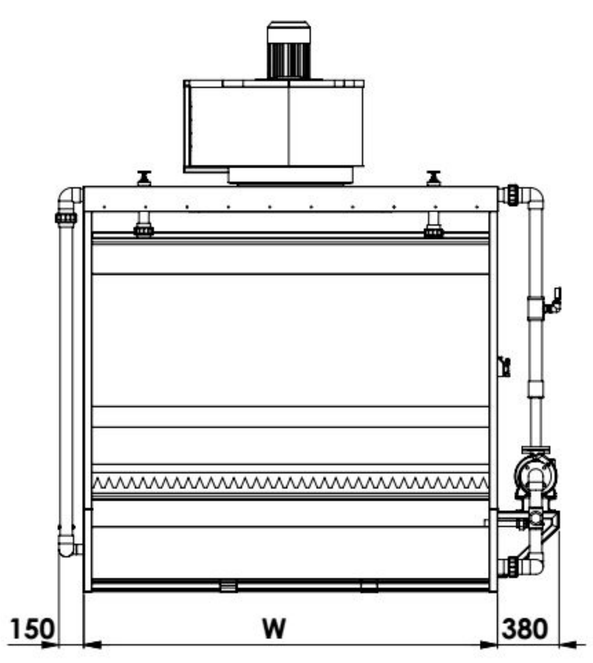
Air Flow Speed : 0.7 m/s
Filter used to capture overspray : EU-3
Spray Booth Model: VT-25
Method of Testing: Weight Measurement of Spray paint and Final Filter Capture

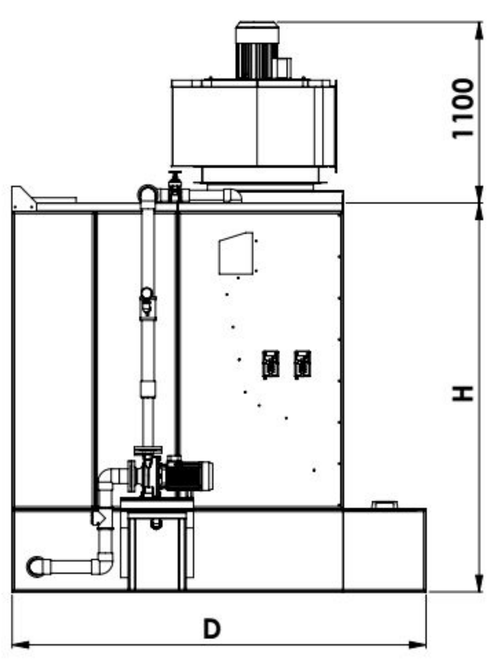
Testing Date	Color Weight	Thinner Weight	Solid Contain	Result Collecting Efficiency
22 / 05 / 2017	2 KG	4 KG	20%	98.2 %
29 / 05 / 2017	2 KG	4 KG	20%	98.0%
10 / 06 / 2017	3.5 KG	1.5 KG	50%	99.12%

Specification Sheet
仕様書

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)	Type	LPM	mH	(HP / kW)			(Set)
VT - 15	1.5 X 2.5 x2.3	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 x2.3	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 x2.3	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 x2.3	630 T-RD	248	4	10	/	7.5	1	3D 65 125/4.0	1350	10	5.5	/	4	1
VT - 40	4.0 X 2.5 x2.3	710 T-RD	331	4	15	/	11	1	3D 65 125/5.5	1800	10	7.5	/	5.5	1
VT - 50	5.0 X 2.5 x2.3	630 T-RD	414	4	7.5	/	5.5	2	3D 50 125/3.0	2250	10	4	/	3	2
VT - 60	6.0 X 2.5 x2.3	630 T-RD	497	4	10	/	7.5	2	3D 65 125/4.0	2700	10	5.5	/	4	2
VT - 80	8.0 X 2.5 x2.3	710 T-RD	662	4	15	/	11	2	3D 65 125/5.5	3600	10	7.5	/	5.5	2







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