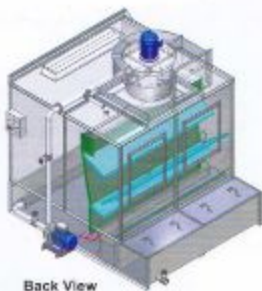


Front View



Back View

Picture on the right:

Standard VW series  
Model VW-20

### Summary of VW series Advantages

#### *Disposal Tank in the back*

Easy to clean out with the disposal tank in the back. The paint sludge can be taken out of the booth in the back. That means the users don't have to stop painting when the sludge is taken out. The result is less downtime and more productive.

#### *Completely knock-down structure*

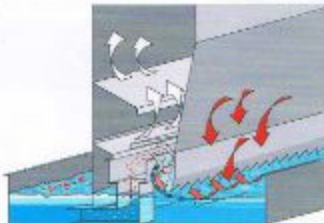
More convenience to move and re-install. Almost every part of the booth is knock-down from the factory. The panel is pre-punched and ready to do final assembly at customer's site. The booth is designed to easily disassembly whenever it's needed.

#### *Complete stainless steel structure and stainless pump*

Not like any other spray booth, VW series is made of stainless steel graded SUS-304 which is highly resistance to corrosion. The lifetime of the booth is more than a decade. This is truly worth for long-term investment.

#### 100% Stainless Steel INo Rust

**STAINLESS STEEL**



#### **How the VW series works**

The VW 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 the surface of water tank. This causes the surface to shear and liquid is entrained by the air.

Over-spray 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. Over-spray is returned to the back of the water tank via the return pipe. This series is equipped with water curtain to provide the greater clean on the booth screen.

### Main Structure

#### Stainless Steel Panel Construction

Washing chamber and booth made of first-grade stainless steel. Open end style panels with flanged side. Matching pre-punched holes bolt together easily.

#### Stainless Steel Tank

Reinforced 2 mm. thickness stainless steel welded construction. Center sloping bottom for complete draining and easy cleaning.

#### Exhaust Fan

Correct size and capacity to produce required air velocity for booths with or without conveyor openings. TEFC motor is standard; Explosion-proof is also available.

#### Stainless Steel Pump

Capacity to furnish all water required at most efficient operating pressure; with standard operating pressure; with standard TEFC motor.

#### Stainless Steel Mist Eliminator

Removes free water from exhaust air, removable for cleaning or chamber inspection.

#### Pipe and Water Systems

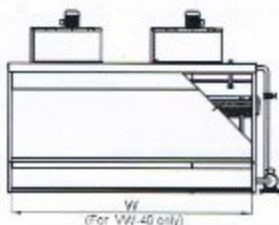
Galvanized steel pipe and Bronze valve (except water supply line to booth and drain line to sewer) are included as standard equipments.

**ThaiPollutech**  
**5-Year**  
**Warranty**

On Booth  
Structure

### Models and Specifications

Model	W	D	H	H1	No. of Lights	No. of Exhaust Fan	Fan Motor KW (HP)	C.M.M. @ 0.6 m/sec (120 fpm) 100 mm. WG Static Press.	Pump KW (HP)
VW-15	1500	2500	2000	3000	1	1	3.7 (5.5)	108 (3900 cfm)	0.75 (1)
VW-20	2000	2500	2000	3000	1	1	3.7 (5.5)	141 (5100 cfm)	1.1 (1.5)
VW-25	2500	2500	2000	3100	1	1	5.5 (7.5)	179 (6450 cfm)	1.1 (1.5)
VW-30	3000	2500	2000	3100	2	1	5.5 (7.5)	215 (7740 cfm)	1.5 (2)
VW-40	4000	2500	2000	3000	2	2	3.7 (5.5)	286 (10300 cfm)	2.2 (3)



### General Specifications

- Stainless Steel Structure
- Steel Blower with powder coating
- Booth face velocity = 120 FPM (Standard)
- Noise Level = 80-85 dB(A)
- Cleaning Door attached to panel: YES
- Blower Type: Direct-Driven Centrifugal Fan
- Operating Switch: DOL for 5.5 HP Fan Motor  
Star-delta Magnet Switch for 7.5 HP Fan Motor