

# Zincovelo ZPGA - Zincovelo ZPGB



## ZINCOVELO ZPGA

With extended tank and part holding grid.

ZINCOVELO ZPGB

With extended tank and part holding grid, roof, extended side walls.

## ZPGA/ZPGB

<b>2N</b>	7300 - 4294	1	3/2,2	1	1/0,75	3225	2088	2647	2440
<b>3N</b>	10900 - 6412	1	4/3	1	1/0,75	3245	3088	2647	2440
<b>4N</b>	14500 - 8529	1	5,5/4	1	2/1,5	3267	4088	2647	2440
<b>5N</b>	18200 - 10706	2	3/2,2	1	2/1,5	3225	5088	2647	2440
<b>6N</b>	21800 - 12824	2	4/3	2	1/0,75	3245	6088	2647	2440
<b>2H</b>	8400 - 4941	1	3/2,2	1	1/0,75	3525	2088	2647	2740
<b>3H</b>	12500 - 7353	1	5,5/4	1	1/0,75	3567	3088	2647	2740
<b>4H</b>	16700 - 9824	2	3/2,2	1	2/1,5	3525	4088	2647	2740
<b>5H</b>	20800 - 12253	2	4/3	1	2/1,5	3545	5088	2647	2740
<b>6H</b>	25000 - 14706	2	5,5/4	2	1/0,75	3567	6088	2647	2740
m <sup>3</sup> /h - c.f.m		n°	Hp/Kw	n°	Hp/Kw	mm	mm	mm	mm
Delivery		Fan		Pump		Total height	Width	Depth	Working height



# WATER VEIL BOOTHS

## Theory of operation

By means of the fan mounted on the roof of the booth, a depression is created, causing an air flow which is conveyed from the extracting front to the exhaust chimney. During this passage, the solid pigments of paint are eliminated through the water falls in the booth. Three washes in water and subsequent filtering enable the capture of the suspended pigments which are deposited inside the collector tank. The submerged pump puts the water in the tank in circulation back to the small veils which, by overflowing, form the water masks. The pigments are initially blocked by the front veil; subsequently, the residual part is forced to pass through the internal water falls, to get washed before being filtered for the last time by the dry filter. In the ZPG version, there are two further water veils set along the side walls of the booth to optimize the first filtering stage.

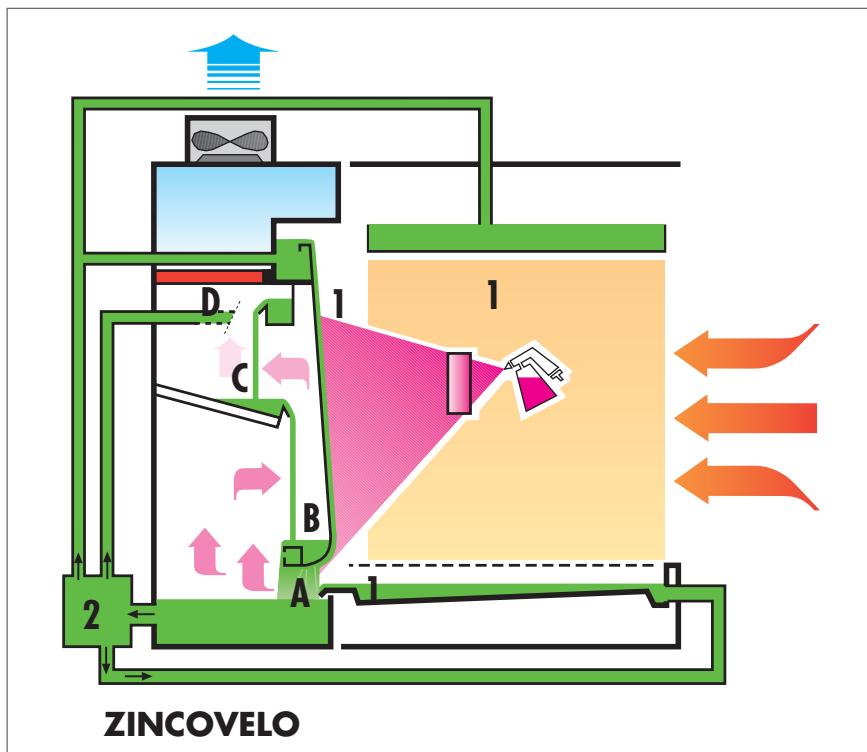
### **Description:**

the CORAL painting booths in the Zincovelo line are designed to ensure versatility, modularity and efficiency. They are produced in six standard versions with extremely robust structures due to their thick, galvanised panels which make them compact, solid and long-resistant. The range includes widths of 2, 3, 4, 5, and 6 metres in two standard heights for all models. The Zincovelo booths have large lower tanks equipped, in the ZPG, ZPGA, ZPGB and ZSP versions, with a grid platform. Easy to maintain, they use spark proofed backward inclined fans, with high-performances and low-noise. Special versions fitted with specific expulsion, post-filtering and pressurizing accessories are available on request.





# WATER VEIL BOOTHS



**A** 1<sup>st</sup> wash

**B** 2<sup>nd</sup> wash

**C** 3<sup>rd</sup> wash

**D** Final dry filtering stage

**1** «Over spray» capture

**2** Submersible pump

 Fan



Extracted «Over spray»



Washing water



Drop separator



Purified air



Coconut fibre filter



Air inside the room



# Equipement & recharges

## Zincovelo:



1. Differential manometer
2. Clean Carbo and Karb active carbon postfilters
3. Watertight or flameproof (ADPE) lamp
4. Thermal switch or control panel
5. ATEX Explosionproof motor
7. Floor stand or wall holding device for spray gun with automatic fan switch on-off
9. Plenum and pipe for exhausting the air
14. Coagulant for paint pigments
15. Flexible pipe IDROFLEX
16. Coconut fiber filter
19. Stainless steel front veils
20. Waste collecting tank
21. Electric control board for waste collecting tank

