



Water-Style Spray Booths

Models ZB-2N / ZB-3N / ZB-4N / ZB-5N / ZB-6N

With extended roof and side panels to enhance airflow. *Switches and/or electrical connections not included.*

Standard Equipment

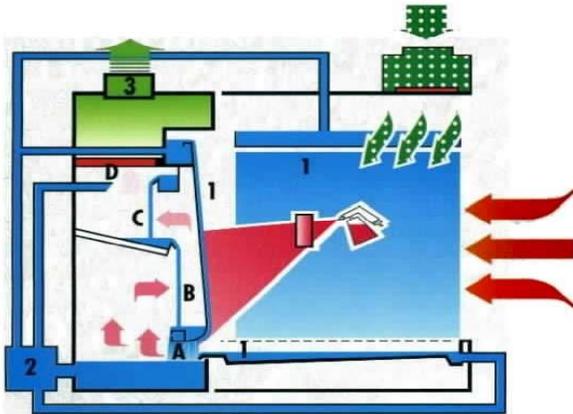
- 3, 4 or 5.5 HP blower with motor (depending on model)
- .8 or 1.5 HP water pump (depending on model)
- All galvanized panels to complete the unit
- All hoses, valves and hardware
- Transition square to round

Optional Equipment

- Electrical panel
- Waterproof lamp
- Explosion-proof lamp
- Air flow damper
- Waste decanter tank, complete with filter bags and water pump
- 10 KG (6.7L) bottle water treatment

Specifications	ZB-2N	ZB-3N	ZB-4N	ZB-5N	ZB 6N
• Blower motor	3 HP	4 HP	5.5 HP	Two 3 HP	Two 4 HP
• Pump motor	.8 HP	.8 HP	1.5 HP	2 HP	Two 1 HP
• CFM	4647	6941	9294	10,882	13,000
• Height	127"	128"	129"	127"	128"
• Width	82"	121"	161"	200"	240"
• Depth	83.5"	83.5"	83.5"	83.5	83.5
• Working height*	96"	96"	96"	96"	96"
• Shipping Weight	1200 lbs	1450 lbs	1650 lbs	2500 lbs	3000 lbs
• Exhaust opening	16.5"	19"	21.5"	2 x 16.5"	2 x 19"

*** Taller units available on request.**



The CORAL spray booths that use water as their cleaning agent are far superior to any booth that uses paper as the filter medium.

The first advantage is, if properly maintained, the booth will always work at full capacity since there are no filters to clog up. The use of a filter mask is not necessary under most conditions with these booths.

Although initially more expensive, a water booth is easier and much less expensive to maintain. The cost of changing filter paper, whether it is weekly, bi-weekly or monthly, quickly adds up and surpasses the difference in cost between the types of booths.

The only cost requirement for maintaining the CORAL water booth is to add water and a small amount of chemical treatment as needed. There are two ways to use the chemical treatment. The chemical can cause the paint to float in the collection tank to be skimmed off the top in a semi-dry state, which is good for a small operation with moderate paint usage. The second way is to sink the paint with the treatment and remove it from the bottom of the tank by means of a pump separation unit, which is recommended for larger applications where the over-spray can rapidly fill the bottom collection tank

The last and most important advantage of the water booth is that the exhaust from the booth will always be cleaner because the booth is always working at 100%.

Following is a brief explanation of how the booth works (see the drawing on the following page). Air mixed with over-spray enters the bottom water curtain by hitting the curtain (1) itself or by being drawn in by the blower suction (A). Behind the curtain are two more water rinses that cleanse the air (B, C) lastly, it goes through the natural fiber filter, which removes any excess moisture in the air (D).

Waste Decanter System: CORAL now offers an alternative to chemical additives to separate the paint from the water in the wet spray booth tank. The waste decanter system pulls the contaminated water through a pipe directly from the spray booth tank via a hydraulic pump.

The contaminated water flows through two filtering bags, which retain the solids and allows filtered water to be recycled back into the spray booth tank. This system comes with a warning floating device in case of water overflow and optional galvanized panel enclosure.

Pressurized Booths and Air Make Up Systems: We can provide our customers with all the auxiliary components (spray booth, air make up system, plenum/filtration roof, electrical control panel) to pressurize an existing finishing room, or we can provide all of the above, plus the pressurized booth.