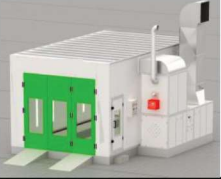







RADI SPRAY BOOTH

R-400	Photoes	Auto spray booth specification
Inner Size		6900×4000×2650mm (L×W×H)
External Size		7006×5560×3400mm (L×W×H)
Main door		Sheet metal door craft , Single open, with 3leafs folding door. Dimension: 3000×2600mm(W×H). With 5mm tempering glasses windows. Big aluminum hinges.
Personal door		1 set. Dimension: 800x2000mm (WxH). With pressure locks and tempering glass windows.
Body structure		A) Booth body frames are made of galvanized steel plates bending structures with reinforce beams. B) Wallboards are 50mm thickness rock wool panel with double faces 0.426mm color steel skin. All panels with mouth and groove for assembling.
Air return style		A) Full down draft, basement air reture style. Basement high 300mm 700KG/W B) Basement frame is made of galvanized steel structures and square steel pipes with decay-proof reinforce steel beams. C) Equipped two rows of grids and three rows of checkered steel plates. D) Equipped three checkered 900x2000mm(WxL) steel ramps for car in and out.

Air intake and exhaust system



- A) Intake Fan, turbin type, direct drive; Air capacity: **25000m³/h**. Power: **7.5kw**.
- B) Exhaust Fan, turbin type, direct drive; Air capacity: **25000m³/h**. Power: **7.5kw**.

Ducts



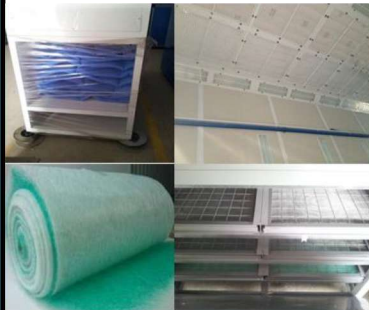
Air intake/ exhaust ducts are made of good quality galvanized steel plates, with special making flanges. Quantities: 1 pcs air intake mouth elbow. 4 sections straight ducts, 1 pcs elbows for exhaust.

Heating system









- A) Aopt 1 set imported **Italy Riello brand G20 diesel burner**. Heating capacity: 180,000Kcal/h.
- B) Heat exchanger is SUS304 stainless steel argon arc weld making. With double layer heat sinks, heat more fast.
- C) Equipped 1 set **Switzerland Belimo brand electric damper** for spray phase and bake phase alternating.

Filters



Multi-layers filter structures.

- A) Fresh air intake entrance with one block fiber glass filter net for the first filtering.
- B) Ceiling have 6 blocks high efficient filters. Can capture granules bigger than 4 μ m. And C style structure, replace ceiling filters very convenient.
- C) On the floor, under grids, equipped fiber glass filters.
- D) In exhaust cabinet, have three layers filter structure, two layers are active carbon, one layer is fiber glass filter.
- Whole purification system has capacity of large volume of dust. Filtering rate can reach to 98%. TSP \leq 1.4mg/m³.

<p>Lights</p>		<p>Ceiling light: 8groups, 4pcs lamps per group. Total 32pcs LED lamps. Bottom light: 8groups, 2pcs lamps per group. Total 16pcs LED lamps. $\geq 800\text{LUX}$</p>
<p>Control system</p>		<p>Turning buttons style control box. Main electric components adopted Siemens or Schneider brand. With light switch, normal spray switch, constant temperature spray switch, baking switch, emergency stop, breakdown alarm, time adding, time and temperature set switch etc.</p>
<p>Empty loading air speed</p>		<p>$\geq 0.25\text{m/s}$</p>
<p>Highest Working Temperature</p>		<p>80°C</p>
<p>Voltage</p>		<p>380V/3Ph/50Hz</p>
<p>Total power</p>		<p>17Kw</p>
<p>Colors</p>		<p>Bright white</p>