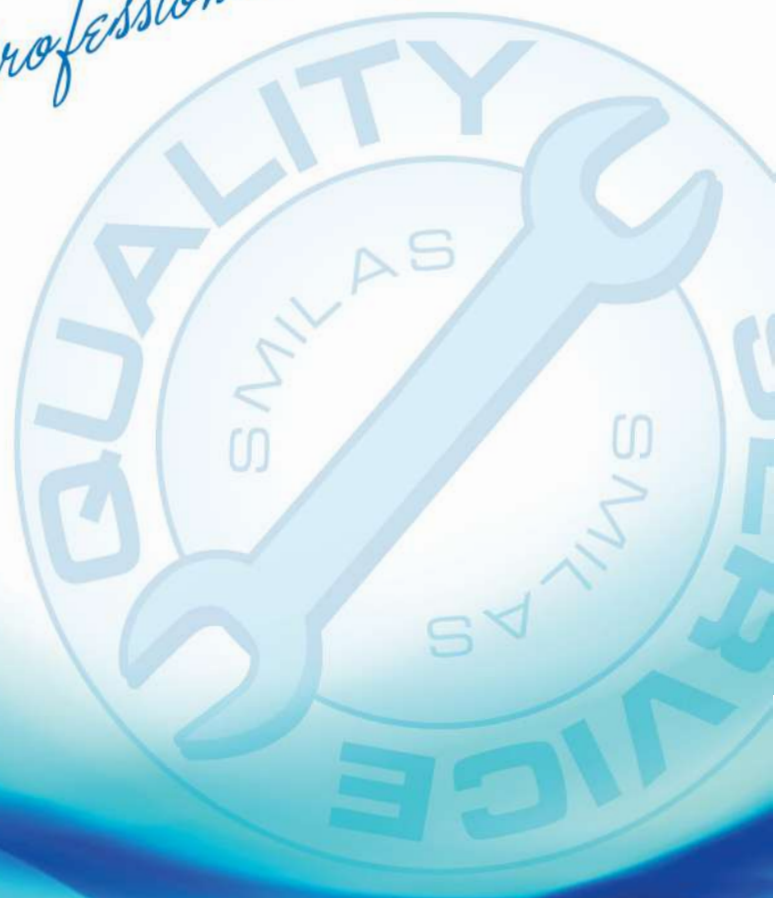


PSmilas

SPRAY BOOTHS

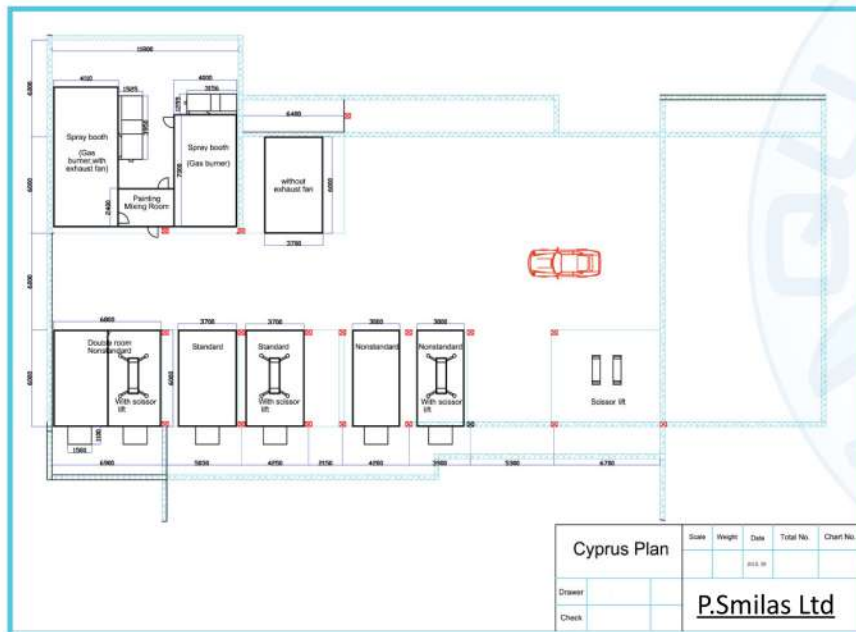
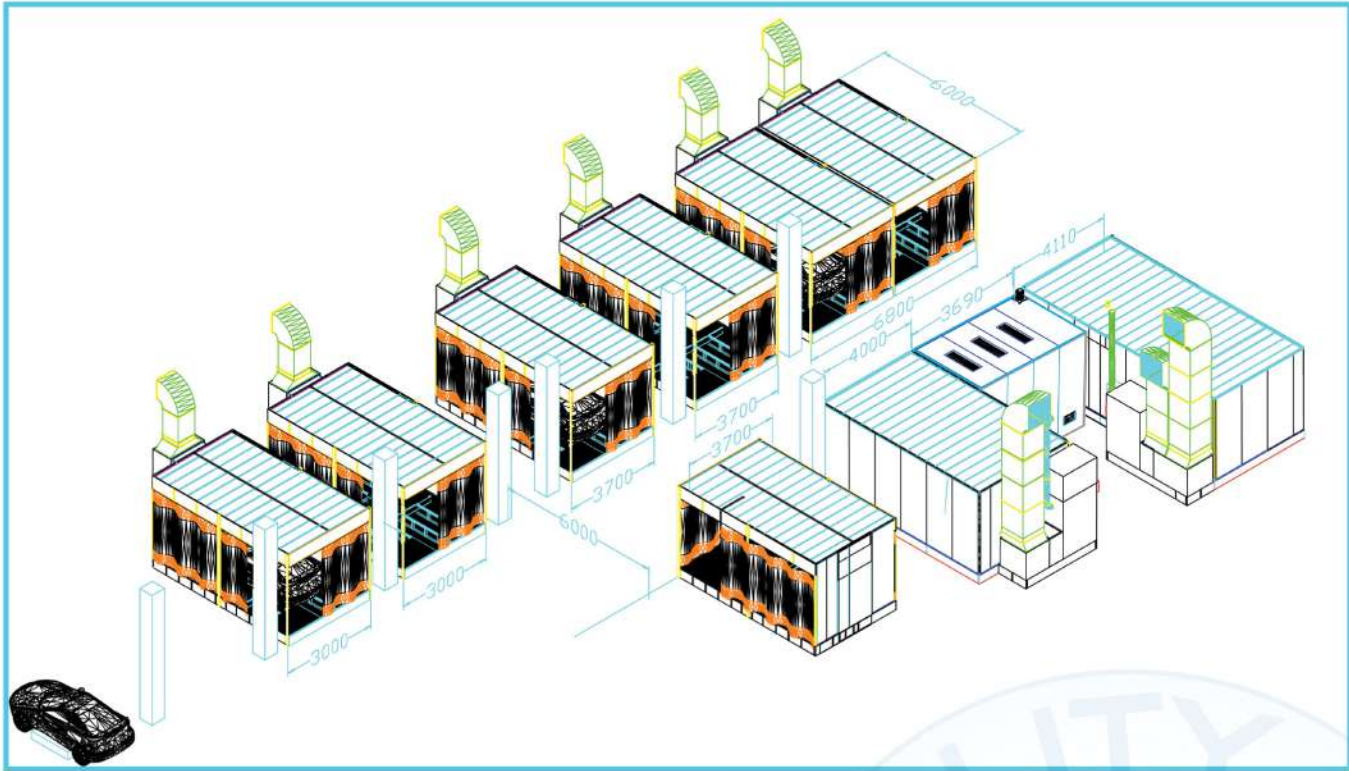
Professional integrity



P. Smilas Company has been established in 1994. Since then we have managed to evolve into one of the leading local companies in the field of spray-booths and equipment. Our professional integrity in combination with our qualifications and experience makes it possible for us to achieve perfection. Thus, with perfection as our aim and quality our ally we lead towards the future.

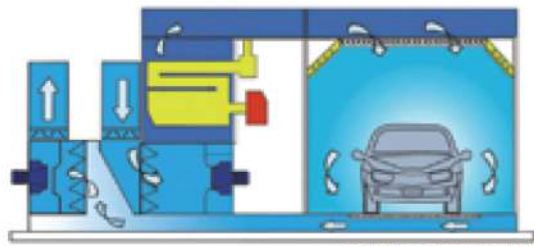


Autobody repair & refinishing bodyshop initial setup drawing:

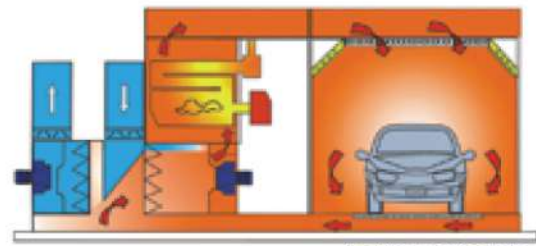


This is a complete line with units for car repair with adequate space for disassembly and reassembly, sanding, painting, baking, polishing, and finishing of a car, as well as a mixing room.





painting principle



baking principle

Specifications:

Cabin:

- Wall panel: sandwich style, $\delta=50\text{mm}$, available in polystyrene or rock wool. Panels are tongue and groove connected. Roof panel is made out of galvanized metal sheets.
- Personnel door with pressure lock, which automatically opens when inside pressure is exceeded.
- Basement is made out of galvanized steel.

Intake & exhaust:

- Centrifugal fan, big vane, vane and motor separated, preventing accidents resulting from short circuit. Centrifugal fan produces large air flow, vane is easily cleaned from dust. Intake fan is included in all models, while the exhaust fan only in some. Up to CE standards.
- European flange style ducts. Exhaust ducts are included in all models while intake ducts only in some.
- Spraying-baking transform damper, air controlled.
- Intake and exhaust ducts are separated.

Cleaning system:

- Double filtration: the first filter is at the inlet, filtering dust above $15\mu\text{m}$, and the second one is at the bottom of the roof of the air chamber, multi-layers, good seal, filtering dust above $5\mu\text{m}$, up to 98% filtration rate. Four sides of filters are hidden in the support trough, ensuring good sealing.

Lighting:

- Top lights: 45° assembled, tubes are vary according to different models.
- Side lights: vary according to models.

Heating:

- Diesel or gas burner, fired after flame, is reliable and completely burnt.
- Heat exchanger, is made out of stainless steel, has large exchange area and efficiency.

Control board:

- Control box: high quality components, heat sensor at inlet activates when heat exceeds the limit. The whole operation can be done after spraying/ baking is preset once.





Model No.	S690	
External Size	8100 x 4000 x 3200 (mm)	
Internal Size	6900 x 3900 x 2700 (mm)	
Wall panel	Color	White
	Material	EPS, Thickness: 50mm
	Color steel	Thickness: 0.326mm with metal edge cover
Front Door	Enter Size	3000 x 2660 (mm)
	Structure	3 folded sheet metal process
	Color	Blue
Safe Door		White (Front horizontal panel and front vertical panels)
	Size	1 fold of front door as safe door, with pressure lock
Light system	Top light	2 sides x 4 sets x 4 pcs - 32pcs
	Side light	---
Generator	Intake Fan	---
	Exhaust fan	At back , 1 set of 5.5 kw
	Fan capacity	18000 M ³ /h
	Exhaust Duct	With 3000 mm straight duct, 1 pc 90° bend, 1pc 60° bend
	Motor Voltage	380V/50HZ/3PH
	Control box	Motor direct start
Total Power	7,5 kw	
Ceiling	Cover with 50mm EPS panel, enter with filter at the front of the ceiling	
Basement	Concrete basement, made by user.	
Ventilation system	Top filter	2 pcs/set
	Exhaust at back	Exhaust at the down side of the back wall, with the filter

Optional:

- Rock wool wall panel
- Active carbon environmental system
- Infrared heater light



Model No.	S700	
External Size	7000 x 5300 x 3500 (mm)	
Internal Size	6900 x 3900 x 2700 (mm)	
Wall panel	Color	White
	Material	EPS, Thickness: 50mm
	Color steel	Thickness: 0.326mm with metal edge cover
Front Door	Enter Size	3000 x 2660 (mm)
	Structure	3 folded sheet metal process
	Color	Blue
		White (Front horizontal panel and front vertical panels)
Safe Door	Size	White 1870 x 650 (mm), 1 piece in the side wall, with pressure lock
Light system	Top light	2sides x 5sets x 4 pcs, 40 pcs
	Side light	---
Generator	Color	White iron frame with aluminium angle
	Burner	Italy Riello diesel G20
	Intake Fan	1 set of 7,5kw with M style pre-filter
	Exhaust fan	--
	Fan capacity	24000 M ³ /h
	Exhaust Duct	With 5000mm exhaust duct and without intake duct
	Chimney Duct	5000mm straight chimney and 2 small bends
	Motor Voltage	380V/50HZ/3PH
	Control box	Motor direct start
Total Power	9,5 kw	
Basement	Floor	3 rows of veins plates, 2 rows of grids
	Floor filter	2 rows/set
	Ramps	2pcs of vein plates style ramps
Top filter	4pcs/ set	
Filter frame on the ceiling	Hinge installed, iron welded, powdered	

Optional:

- Rock wool wall panel
- Active carbon environmental system



Model No.	S720	
External Size	7000 x 5300 x 3500 (mm)	
Internal Size	6900 x 3900 x 2700 (mm)	
Wall panel	Color	White
	Material	EPS, Thickness: 50mm
	Color steel	Thickness: 0.326mm with metal edge cover
Front Door	Enter Size	3000 x 2660 (mm)
	Structure	3 folded sheet metal process
	Color	Blue White (Front horizontal panel and front vertical panels)
Safe Door	Size	White 1870 x 650 (mm), 1 piece in the side wall, with pressure lock
Light system	Top light	2 sides x 5sets x 4 pcs, 40 pcs
	Side light	2 sides x 4 sets x 2pcs, 16pcs Vertical
Generator	Color	White, Iron frame with aluminium angle
	Burner	Italy Riello diesel G20
	Intake Fan	1 set of 7.5kw with M style pre-filter
	Exhaust fan	1 set of 7.5 kw
	Fan capacity	24000 M ³ /h
	Exhaust Duct	With 5000mm exhaust duct and without intake duct
	Chimney duct	5000mm straight chimney and 2 small bends
	Motor Voltage	380V/50HZ/3PH
Control box	Motor Y/Δ start With 1 pcs pressure meter	
Total Power	18 kw	
Basement	Floor	5 rows of grids (full grids)
	Floor filter	5 rows/set
	Ramps	2pcs of vein plates style ramps
Top filter	4pcs/ set	
Filter frame on the ceiling	Hinge installed, iron welded, powdered	

Optional:

- Rock wool wall panel
- Active carbon environmental system



Model No.	S750	
External Size	7000 x 5300 x 3500 (mm)	
Internal Size	6900 x 3900 x 2700 (mm)	
Wall panel	Color	White
	Material	EPS, Thickness: 50mm
	Color steel	Thickness: 0.326mm with metal edge cover
Front Door	Enter Size	3000 x 2660 (mm)
	Structure	3 folded sheet metal process without frame
	Color	Blue
Safe Door	Size	White (Front horizontal panel and front vertical panels) White 1870 x 650 (mm), 1 piece in the side wall, with pressure lock
Light system	Top light	2 sides x 5sets x 4 pcs, 40 pcs
	Side light	2 sides x 4 sets x 2pcs, 16pcs Vertical
Generator	Color	White, Iron frame with aluminium angle
	Burner	Italy Riello diesel G20
	Intake Fan	1 set of 11 kw with M style pre-filter
	Exhaust fan	1 set of 7.5 kw
	Fan capacity	36000 M ³ /h
	Exhaust Duct	With 5000mm exhaust duct and without intake duct
	Chimney duct	5000mm straight chimney and 2 small bends
	Motor Voltage	380V/50HZ/3PH
Control box	Motor Y/Δ start With 1 pcs pressure meter	
Total Power	22,5 kw	
Basement	Floor	5 rows of veins plates, (full grids)
	Floor filter	5 rows/set
	Ramps	2pcs of vein plates style ramps
Top filter	6 pcs/ set	
Filter frame on the ceiling	Hinge installed, iron welded, powdered	

Optional:
- Rock wool wall panel
- Active carbon environmental system



Model No.	S760	
External Size	7000 x 5300 x 3500 (mm)	
Internal Size	6900 x 3900 x 2700 (mm)	
Wall panel	Color	White
	Material	EPS, Thickness: 50mm
	Color steel	Thickness: 0.326mm with metal edge cover
Front Door	Enter Size	3000 x 2660 (mm)
	Structure	3 folded sheet metal process
	Color	Blue White (Front horizontal panel and front vertical panels)
Safe Door	Size	White 1870x650 (mm), 1 piece in the side wall, with pressure lock
Light system	Top light	2sides x 5sets x 4 pcs, 40 pcs
	Side light	2 sides x 4 sets x 2pcs, 16pcs Vertical
Generator	Color	White, Iron frame with aluminium angle
	Burner	Italy Riello diesel G20
	Intake Fan	1 set of 11 kw with M style pre-filter
	Exhaust fan	1 set of 11 kw
	Fan capacity	36000 M ³ /h
	Exhaust Duct	With 5000mm exhaust duct and without intake duct
	Chimney duct	5000mm straight chimney and 2 small bends
	Motor Voltage	380V/50HZ/3PH
Control box	Motor Y/Δ start With 1 pcs pressure meter	
Total Power	25 kw	
Basement	Floor	5 rows of grids (full grids)
	Floor filter	5 rows/set
	Ramps	2pcs of vein plates style ramps
Top filter	4pcs/ set	
Filter frame on the ceiling	Hinge installed, iron welded, powdered	

Optional:

- Rock wool wall panel
- Active carbon environmental system



Model No.	S870	
External Size	8700 x 5630 x 4230 (mm)	
Internal Size	8600 x 4000 x 3400 (mm)	
Wall panel	Color	White
	Material	EPS, Thickness: 50mm
	Color steel	Thickness: 0.426mm with metal edge cover
Front Door	Enter Size	3000 x 3350 (mm)
	Structure	3 folded sheet metal process without frame
	Color	Blue White (Front horizontal panel and front vertical panels)
Safe Door	Size	Blue 1870 x 650 (mm), 1 piece in the side wall, with pressure lock
Light system	Top light	12 set 4x40w
	Side light	--
Generator	Color	White, Iron frame with aluminium angle
	Burner	Italy Riello diesel G20S
	Intake Fan	1 set of 11 kw with M style pre-filter
	Exhaust fan	--
	Fan capacity	35000 M ³ /h
	Exhaust Duct	With 5000mm exhaust duct
	Chimney duct	5000mm straight chimney and 2 small bends
	Motor Voltage	380V/50HZ/3PH
	Control box	Motor Y/Δ start With 1 pcs pressure meter
Total Power Basement	13 kw	
	Floor	3 rows of veins plates, 2 rows of grids
	Floor filter	2 rows/set
Ramps	2pcs of vein plates style ramps	
	<i>Optional:</i> - Rock wool wall panel - Active carbon environmental system	
Top filter	5 pcs/ set	
Filter frame on the ceiling	Hinge installed, iron welded, powdered	



Model No.	S1520	
External Size	15200 x 6700 x 5000 (mm)	
Internal Size	1500 x 5000 x 4400 (mm)	
Wall panel	Installation style	Square steel structure for the whole wall, Horizontal installation style with U style trough
	Structure	EPS 75mm/0.426mm, White
Front Door	Enter Size	4000 x 4000 (mm)
	Structure	4 folded sheet metal process without frame
	Color	Blue White (Front horizontal panel and front vertical panels)
Safe Door	Size	White 2000 x 800 (mm), 2 piece in the side wall, with pressure lock
Light system	Top light	2sides x 10sets x 4 pcs, 80 pcs
	Mid light	2 sides x 4 sets x 4pcs, 32pcs Horizontal
	Side light	2 sides x 4 sets x 4pcs, 32pcs Horizontal
Generator	Color	White, Iron frame with aluminium angle
	Burner	2 pcs Italy Riello diesel RG5S
	Intake Fan	2 set of 11kw with M style pre-filter
	Exhaust fan	2 set of 11kw with M style pre-filter
	Fan capacity	72000 M3/h
	Air Duct & Chimney	With 7000mm exhaust duct and 5000mm intake duct, with 2pcs manual VCD adjustable damper. 7000mm chimney per set
	Motor Voltage	380V/50HZ/3PH
	Control box	Motor Y/Δ start With 1 pcs pressure meter
Total Power	50 kw	
Basement	Floor	2 rows of zincified grids (self-built concrete basement)
	Floor filter	2 rows/set
Top filter	16pcs/ set	
Filter frame on the ceiling	Hinge installed, iron welded, powdered	

Optional:

- Rock wool wall panel
- Active carbon environmental system
- Booth lift S100 for optional

S100 – 3D lift



Right & left move



Front & back move



Down move



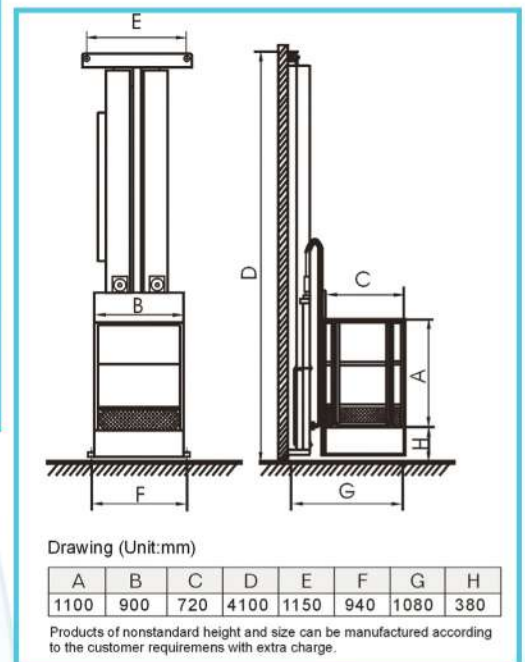
Up move



- 3-D lift's power is supplied by pneumatic motor, needs only a constringent air source. Does not need any additional electrical power.
- Work table can move in longitudinal, transverse and planar directions.
- Work table is surrounded by protection fence and 2 work doors.
- 3-D lift features various moving possibilities which vary in size and direction. High maneuverability and less power usage is ideal for painting of large scale equipment such as trucks, trains, boats and planes.

Specifications

Load capacity (people quantity/weight)	1 person (below 150kgs)
Working pressure	6-7 bar
Normal pressure	6.5 bar
Working fan capacity	350 1/min
Max lifting height	3100mm
Working table move distance	900mm
Working table size	900 x 720 x 1400mm



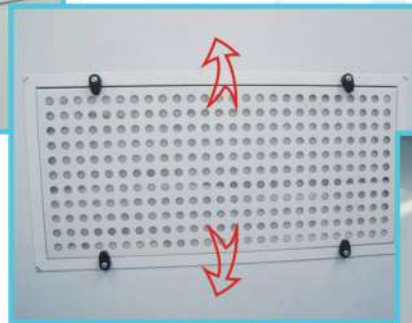
Mixing Room- S70



auto-closing door



intake filter, continually supplies fresh air, ensuring good air circulation



filter for outlet, removes gas to keep the environment safe



Specifications

External size (mm)	2400 x 4000 x 2550
Internal size (mm)	2300 x 3900 x 2500
Power (kw)	0.75
Remark	Includes centrifugal fan & standard lighting

Preparation Room



S40



S41



S50



S51



S60

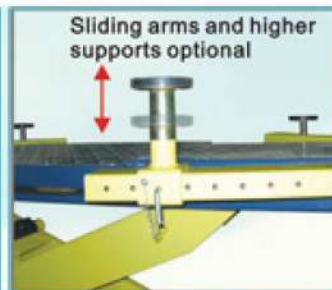
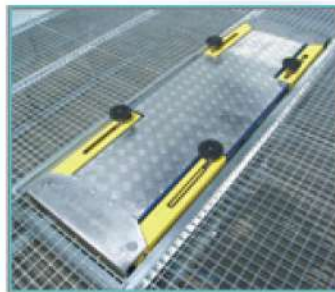


S61

Specifications

Model	Internal size (mm)	External size (mm)	Power (kw)	Remark
S40	3480 x 6000 x 2700	3700 x 7100 x 3200	7	Heating Device optional
S41			5.5	Cabinet: 3480(W)*1060(L)
S50	3480 x 6000 x 2700	3700 x 7100 x 3200	7	Heating Device optional
S51			5.5	Cabinet: 3480(W)*1060(L)
S60	3480 x 6000 x 2700	3700 x 7100 x 3200	7	Heating Device optional
S61		3700 x 7100	5.5	Cabinet: 3480(W)*1060(L)

S80- scissor lift for body repair & painting



Specifications

Model	S80
Electricity power	380V
Power (kw)	2.2
Air	6-8 Kg/cm ²
Capacity	3200 Kg
Lifting height	295-1300mm

Working gate equipped with automatic position-return device



M style active carbon cabinet



Equipped with energy-saving device



Big fan blades, large air volume, high wind pressure and easy to clean. Motor is separated from the temperature room, CE standards.

Solid steel basement



Stainless steel heat exchanger, with multiple loops for heat exchange.

Details:



Automatic control box



High quality electric components and precise installation



Pressure type thermometer



Light oil for energy saving burner, uses pulse to produce high pressure sparkle and ignites immediately.



Water painting compliant



M-style filter to prefilter dust from outside.



Top lights are 45 assembled. Some models have optional, side lights, horizontal or vertical.

Filter frame with filters.



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