

ARIA SEMI DOWN DRAFT PAINT SPRAY BOOTH OVEN (PASSENGER VEHICLES)

I.D	COMPONENTS	INIZIO	ESPERTO	ULTIMO
1	OVERVIEW	MAKE: ARIA	MAKE: ARIA	MAKE: ARIA
		MODEL: INIZIO SDD - 6900	MODEL: ESPERTO SDD - 6900	MODEL: ULTIMO SDD - 6900
		Internal Dimensions: 6900 x 3900 x 2650 (L x W x H) mm. External Dimensions: 8400 x 4000 x 3100 (L x W x H) mm.	Internal Dimensions: 6900 x 3900 x 2650 (L x W x H) mm. External Dimensions: 8400 x 4000 x 3100 (L x W x H) mm.	Internal Dimensions: 6900 x 3900 x 2650 (L x W x H) mm. External Dimensions: 8400 x 4000 x 3100 (L x W x H) mm.
2	MECHANICAL TYPE	Semi-Down Draft, Positive Pressure Spray Booth, 2 Layer Clean Air filtration, 2 Layer Extraction Filtration.	Semi-Down Draft, Positive Pressure Spray Booth, 2 Layer Clean Air filtration, 3 Layer Extraction Filtration.	Semi-Down Draft, Positive Pressure Spray Booth, 2 Layer Clean Air filtration, 3 Layer Extraction Filtration.
3	CONSTRUCTION	50 mm EPS insulation cladded with 0.5 mm chromodek sandwich wall panels, primed and painted channels, trims and corners. 30 mins fire rated	50 mm ROCKWOOL insulation cladded with 0.6 mm chromodek sandwich wall panels, Powder coated channels and trims. 60 mins fire rated	60 mm ROCKWOOL insulation cladded with 0.6 mm chromodek sandwich wall panels, Powder coated channels and trims. 90 mins fire rated
		Plenum structure, roof plates and ceiling filter trays, Plenum dimensions: 3400 x 2200 (L x W)	Plenum structure, roof plates and ceiling filter trays, easy release ceiling filter trays. Plenum dimensions: 3400 x 2200 (L x W)	Plenum structure, roof plates and ceiling filter trays, easy release ceiling filter trays. Plenum dimensions: 3400 x 2200 (L x W)
		4 leaf main doors with full size viewing panels. + fascia	4 leaf main doors with full size viewing panels. + fascia. heavy duty hinges and door handles.	4 leaf main doors with full size viewing panels. + fascia. heavy duty hinges and door handles.
		1 x man door, full viewing panel. 2000 x 800 (L x W) mm	2 x man door, full viewing panel. 2000 x 800 (L x W) mm	2 x man door, full viewing panel. 2000 x 800 (L x W) mm
		Extraction filter box dimensions: 3900 X 1200 (W x H) mm	Extraction filter box dimensions: 3900 X 1200 (W x H) mm	Extraction filter box dimensions: 3900 X 1200 (W x H) mm
4	VENTILATION	Air Volume: 15 500 m3/hr. @ 850 pascals Air Velocity: 0.3 m/s	Air Volume: 18 000 m3/hr. @ 850 pascals Air Velocity: 0.5 m/s	Air Volume: 25 000 m3/hr. @ 850 pascals Air Velocity: 0.5 m/s
		INTAKE FAN: 2 x 2KW Belt Drive, Siemens motor, Star-Delta Starter, no intake duct required.	INTAKE FAN: 2 x 3KW Belt Drive, Siemens motor, Star-Delta Starter, no intake duct required.	INTAKE FAN: 2 x 4,5 KW Belt Drive, Siemens motor, Star-Delta Starter, no intake duct required.
		NO EXHAUST FAN, 6000 mm straight duct with 1 x gooseneck with bird guard.	NO EXHAUST FAN, 6000 mm straight duct with 1 x gooseneck with bird guard.	NO EXHAUST FAN, 6000 mm straight duct with 1 x gooseneck with bird guard.
5	ILLUMINATION	8 x 4 tube inclined LED Light Fittings, fume proof construction, 1200 LUX Illumination.	10 x 4 tube inclined LED Light Fittings, fume proof construction, 1500 LUX Illumination.	10 x 4 tube inclined LED Light Fittings, fume proof construction, broken hood sensor, 1500 LUX Illumination.
		8 x 4 tube Sidewall LED Light Fittings, fume proof construction, 1200 LUX Illumination.	12 x 4 tube Sidewall LED Light Fittings, fume proof construction, 1500 LUX Illumination.	12 x 4 tube Sidewall LED Light Fittings, fume proof construction, broken hood sensor, 1500 LUX Illumination.
6	CURING	Reillo Diesel Burner, 180 000 KCAL/HR. 14 Pipe SS heat exchanger. with explosion relief	Reillo Diesel Burner, 180 000 KCAL/HR. 28 Pipe SS heat exchanger. with explosion relief	Reillo Diesel Burner, 200 000 KCAL/HR. 28 Pipe SS heat exchanger. with explosion relief
		Ducting for flue gas discharge 200 mm diameter, total 6000 mm with galv. spiral construction	Ducting for flue gas discharge 200 mm diameter, total 4000 mm with galv. Hollow tube construction.	Ducting for flue gas discharge 200 mm diameter, total 4000 mm with galv. Hollow tube construction.
7	FILTRATION MEDIA	Clean air pocket filters.	Clean air pocket filters.	Clean air pocket filters.
		Ceiling filter media	Ceiling filter media	Ceiling filter media
		Fiber glass filters	Fiber glass filters	Fiber glass filters
		Andrea filters	Andrea filters	Andrea filters
8	CONTROL	Manual Relay Control, imported switch gear.	Microprocessor control with 10" touch screen.	10 " HMI + PLC Control
		1 x pressure gauge.	All switch gear to be Schneider.	All switch gear to be Schneider.
		1 x pressure interlock	2 x pressure gauges.	Digital filter condition monitoring and pressure interlocks.
		Imported temperature controller.	1 x pressure interlock	PLC programmed timers, and temperature control.
		Timer setting for curing(Imported)	Reputed Brand temperature controller.	Fire Compliant fire damper and Thermostat protection against fire.
		Imported fire damper & thermostat switch.	Reputed Brand timer.	Belimo damper to control inlet air.
		Manual damper to control inlet air.	SABS Compliant fire damper and Thermostat protection against fire.	1 x Emergency stop.
		1 x Emergency stop.	Belimo damper to control inlet air.	Motor Isolator + drives for all fan motors.
		1 x Hour Meter.	1 x Emergency stop.	
			1 x Hour Meter.	
	Motor Isolator + STAR-DELTA Starter for motors			
9	TOTAL POWER:	6.5 kw	7.5 kw	10.5 kw
10	INSTALLATION	Delivered and Installed, Level Floor Required, No Pit Required.	Delivered and Installed, Level Floor Required, No Pit Required.	Delivered and Installed, Level Floor Required, No Pit Required.
11	WARRANTY	1 YEAR	5 YEARS	5 YEARS

CONTINUED ON NEXT PAGE

AVAILABLE OPTIONS				
I.D	COMPONENTS	INIZIO	ESPERTO	ULTIMO
1	EXTERNAL COLOUR	Colour of choice available in all models		
2	LPG BAKING	Lpg burners and heat exchangers available in all models		
3	IR BAKING	Infrared baking available in all models		
4	ILLUMINATION	Upgrade to 1500 lux	NO UPGRADE REQUIRED	NO UPGRADE REQUIRED
5	MAN DOOR	Additional man doors available in all models		
6	WATERBORNE NOZZLES	Waterborne blowers and nozzles available in all models		
7	GLASS WALL PANELS	transparent tempered glass panels available in all models		
8	EXTRACTION TYPE	positive to negative pressure conversion available in all models.		
9	EXTRACTION DIRECTION	Extraction box on the long wall direction available in all models		
10	EXTRACTION FAN	Upgrade to Twin Fans available in all models		