

ARIA DOWN DRAFT PAINT SPRAY BOOTH OVEN (PASSENGER VEHICLES)

I.D	COMPONENTS	INIZIO	ESPERTO	ULTIMO
1	OVERVIEW	MAKE: ARIA	MAKE: ARIA	MAKE: ARIA
		MODEL: INIZIO DD - 6900	MODEL: ESPERTO DD - 6900	MODEL: ULTIMO DD - 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	Down Draft, Positive Pressure Spray Booth with intake fan only, 2 Layer Clean Air filtration, 2 Layer Extraction Filtration.	Down Draft, Positive Pressure Spray Booth with intake fan only, 2 Layer Clean Air filtration, 2 Layer Extraction Filtration.	Down Draft, Positive Pressure Spray Booth with intake fan only, 2 Layer Clean Air filtration, 2 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
		Floor grating with 5900 x 2400 filter trays, 750 mm walk way on the sides, 500 walk way on the back and front. Raised metal basement and ramps are offered as optional upgrade	Floor grating with 5900 x 2900 filter trays, 500 mm walk way on the sides, 500 walk way on the back and front. Raised metal basement and ramps are offered as optional upgrade	Floor grating with 6900 x 3900 filter trays, full floor grating and filter trays. Raised metal basement and ramps are offered as optional upgrade
4	VENTILATION	Air Volume: 15 500 m3/hr @ 850 pascals	Air Volume: 18 000 m3/hr @ 850 pascals	Air Volume: 25 000 m3/hr @ 850 pascals
		Air Velocity: 0.3 m/s	Air Velocity: 0.4 m/s	Air Velocity: 0.4 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.	Reillo Diesel Burner, 180 000 KCAL/HR.	Reillo Diesel Burner, 200 000 KCAL/HR.
		14 Pipe SS heat exchanger. with explosion relief	28 Pipe SS heat exchanger. with explosion relief	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
		Activated carbon filters	Activated carbon filters	Activated carbon 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 Schnieder.	All switch gear to be Schnieder.
		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.	
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

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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 nbozzles 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	METAL BASEMENT	Rasied metal basement of 400 mm with full frontal ramps available in all models		
10	EXTRACTION FAN	Upgrade to Twin Fans available in all models		