

ARIA SEMI DOWN DRAFT PAINT SPRAY BOOTH OVEN (LIGHT COMMERCIAL VEHICLES)

| I.D | COMPONENTS | INIZIO | ESPERTO | ULTIMO |
|-----|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | OVERVIEW | MAKE: ARIA | MAKE: ARIA | MAKE: ARIA |
| | | MODEL: INIZIO SDD - 8600 | MODEL: ESPERTO SDD - 8600 | MODEL: ULTIMO SDD - 8600 |
| | | Internal Dimensions: 8600 x 4500 x 3400 (L x W x H) mm. External Dimensions: 10100 x 4600 x 3800 (L x W x H) mm. | Internal Dimensions: 8600 x 4500 x 3400 (L x W x H) mm. External Dimensions: 10100 x 4600 x 3800 (L x W x H) mm. | Internal Dimensions: 8600 x 4500 x 3400 (L x W x H) mm. External Dimensions: 10100 x 4600 x 3800 (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 clad with 0.5 mm chromodek sandwich wall panels, primed and painted channels, trims and corners. 30 mins fire rated | 50 mm ROCKWOOL insulation clad with 0.6 mm chromodek sandwich wall panels, Powder coated channels and trims. 60 mins fire rated | 60 mm ROCKWOOL insulation clad 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: 4000 X 3400 (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: 4500 X 1200 (W x H) mm | Extraction filter box dimensions: 4500 X 1200 (W x H) mm | Extraction filter box dimensions: 4500 X 1200 (W x H) mm |
| 4 | VENTILATION | Air Volume: 16 500 m3/hr. @ 850 pascals | Air Volume: 22 000 m3/hr. @ 850 pascals | Air Volume: 28 000 m3/hr. @ 850 pascals |
| | | Air Velocity: 0.3 m/s | Air Velocity: 0.4 m/s | Air Velocity: 0.5 m/s |
| | | INTAKE FAN: 2 x 3 KW 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. | INTAKE FAN: 2 x 5,5 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 | 12 x 4 tube inclined LED Light Fittings, fume proof construction, 1200 LUX Illumination. | 14 x 4 tube inclined LED Light Fittings, fume proof construction, 1500 LUX Illumination. | 14 x 4 tube inclined LED Light Fittings, fume proof construction, broken hood sensor, 1500 LUX Illumination. |
| | | 10 x 4 tube Sidewall LED Light Fittings, fume proof construction, 1200 LUX Illumination. | 14 x 4 tube Sidewall LED Light Fittings, fume proof construction, 1500 LUX Illumination. | 14 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 SS304 heat exchanger, with explosion relief Ducting for flue gas discharge 200 mm diameter, total 6000 mm with galv. spiral construction | 28 Pipe SS304 heat exchanger. with explosion relief Ducting for flue gas discharge 200 mm diameter, total 4000 mm with galv. Hollow tube construction. | 28 Pipe SS304 heat exchanger. with explosion relief 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 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. | |
| 9 | TOTAL POWER: | 8 kw | 11 kw | 15 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 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 | | |