

RAGFA

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**PAINTING
PLANTS**

Preise Stand 2021

ITALIAN QUALITY

The same provisions as written in the proforma invoices. The supply includes the user and maintenance manual of the installation as well as the CE declaration. r3 declares that the supplied material complies with the existing rules concerning the constructive part and the functional safety.

The buyer will have to ensure that the products will be installed by qualified staff, if the assembly is not within the competence of r3, in order to make the installation in accordance with the existing legislation to get the laws authorization.

The assembly and transport are always excluded if not expressly indicated in the offers and in the next sales documents. The prices related to the assembly and transport will be quantified from time to time at the express request of the customer.

In case of expected assembly, the following services remain always excluded:

- Erection of floor plane without any irregular ground levels over 10 mm, where the booth will be installed.
- Erection of brickworks to realize air exhaust pipes, opening and further closing works for ducts, supports for suspended parts or anything needed, realized according to our instructions and dimensions based on the provided charges.
- Erection of supports to fix fumes chimney and ducts.
- Roofing system covering the parts of the plants placed outside.
- Additional systems and equipment as tools, aerographs, etc..
- Fire dampers, if required by the local authorities
- Packaging and waste disposal during the installation step and/or the after-service
- Supply of power supply lines to the control board
- Fuel supply, eventual storage and intake to the burners according to the installed thermal power and the rules in force
- Burners starting by personnel authorized by the manufacturer
- Downloading from the means of transport
- Lifting means (lift truck and/or crane) and personnel (appropriate scaffolding and/or crane with booth) during the assembly according to the needs of the work place and the height.
- Technical changes of ducts and components due to obstacle in the building site we can't establish during this phase.
- Manpower and means needed by our technicians during the assembly (only for the assembly solution with no. 1 technician) .
- Grounding of the plant structure
- Authorizations
- Everything is not specified

All disputes shall be subject to the exclusive jurisdiction of the court of Arezzo.

r3 reserves the right to change features of its products, at any time, in order to improve product standard quality or for market reasons keeping stable the declared performance of the machinery supplied.

Painting plants

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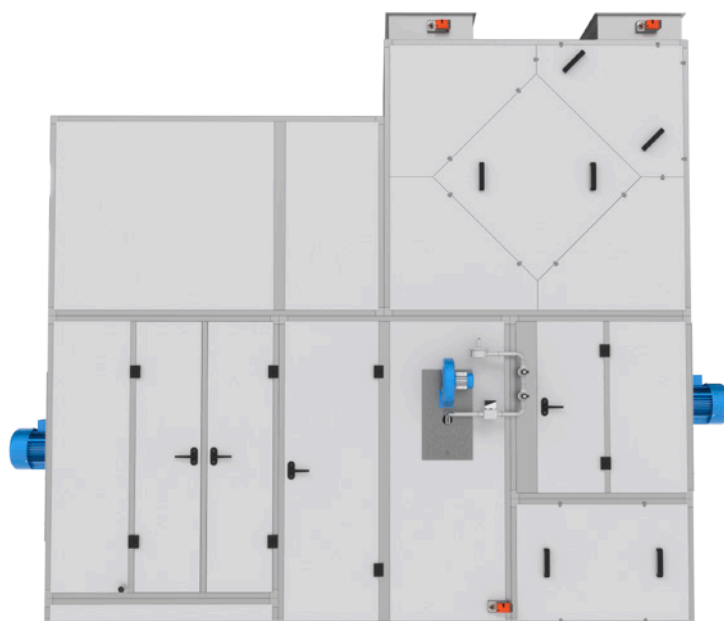
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SPRAY BOOTHS





	Useful dimensions	External dimensions	(+) metal base h.330 mm
Length mm	7200	7320	
Width mm	4000	4120	
Height mm	2800	3400	4000

PAINTING PLANTS

Technical Data

Grid kit for masonry works made of 3 rows of 6 galvanized grids -grid capacity 720 kg/wheel- (surface 2.280 x 6.010 m²), equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

3-wing entry door containing each one a large "Crystal" safety glass window, pre-painted white and insulated with rock wool (60 mm thickness). One door can be used as personnel door. Overall door dimensions: 3.000 x h. 2.750 mm

Personnel door on side or rear panel of the booth, with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fiber V500.

Lighting through 6+6 light fixtures, placed on each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4x LED fluorescent bulbs of 14 W each one. 5+6 light fixtures recessed in side panels, each one contains 2x LED fluorescent bulbs of 14 W each one.

Air supply generator unit and air treatment equipped with direct fired gas burner 350 kw, electric fans with high-efficiency blade contour and direct drive motors 11+11 kw.

Connecting plenum ducts with the air supply generator unit and air treatment.

Cross flow heat recovery system, up to 55% heat recovery during the painting/flash off phase in winter and up to 70% heat recovery on fresh air during the drying phase in winter.

Adiabatic evaporative humidification system, made of self-extinguishing material with 80% efficiency.

Supplied by mains water with an open- circulated system.

Advantages:

- reduction of fine dust not captured by normal filtering systems;
- reduction of the formation of static electricity on items being painted;
- summer temperatures cooled to 5°C, with respect to external humidity values, without additional energy consumption.

Air flow 32.000 m³/h.

Total recycle system (drying phase).

Motorized bypass painting/drying phases.

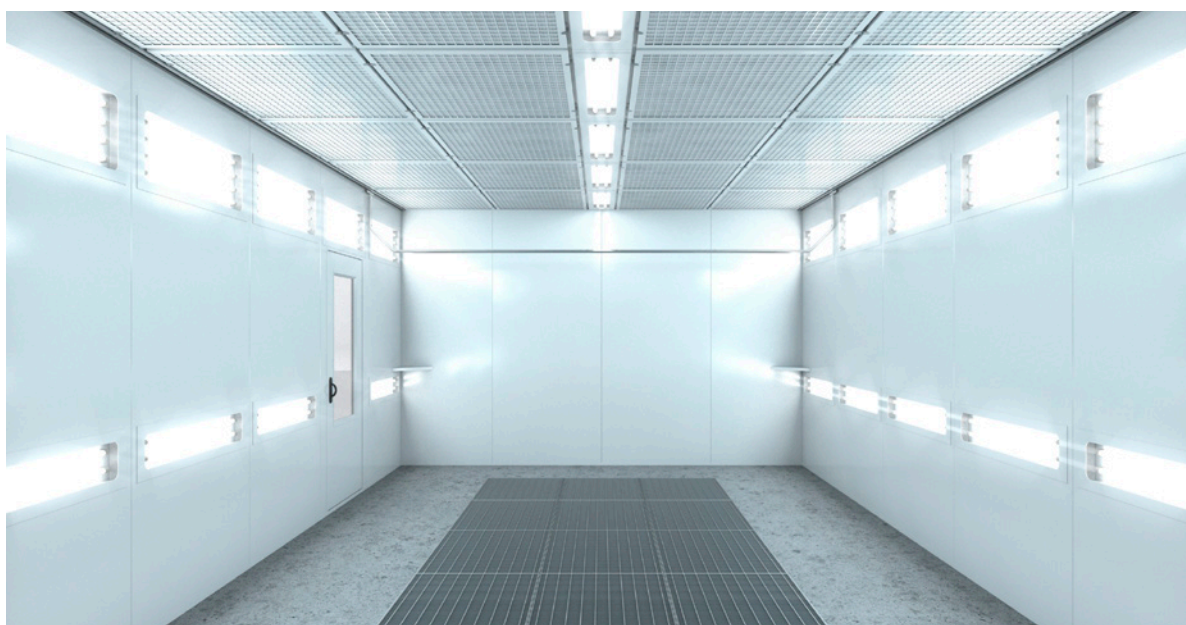
Sliding bar to hang small components (50 kg max.) and angular shelves.

Control panel with 9.2 inch color touch screen with PLC. Measurement and recording of sensitive parameters and power consumption on internal memory or on an external media. Graphic report with heat profile of the work process and respective energy consumption. Predictive maintenance system with multiple warning levels for all filtering devices. Lone worker alarm function for worker safety in unsupervised environments.

PRICE 88.000,00 euro

Igrofan Options

OPTIG001 Price difference for by-pass addition to optimize economic efficiency of the heat recovery system during spring and autumn.	€	2.600,00
OPTIG002 Price difference for a cooling battery powered by an external chiller.	€	5.200,00
OPTIG003 Price difference for a recirculation pump addition, (tank and float included)	€	3.700,00



	Useful dimensions	External dimensions	(+) metal base h.400 mm
Length mm	8400	8520	
Width mm	4400	4520	
Height mm	2800	3600	4000

PAINTING PLANTS

Technical Data

Grid kit for masonry works made of 3 rows of 7 galvanized grids -grid capacity 720 kg/wheel- (surface 2.280 x 7.000 m²), equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

4-wing entry door containing each one a large "Crystal" safety glass window, pre-painted white and insulated with rock wool (60 mm thickness). One door can be used as personnel door. Overall door dimensions: 3.600 x h. 2.750 mm.

Personnel door on side or rear panel with push opening (latch). Overall door dimensions: 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fiber V500.

Lighting through 7+7 light fixtures placed in the upper part of the side panels, containing 4xfluorescent bulbs (30 W each one), 7 +6 light fixtures mounted into the side panels and 7 light fixtures placed in the central part of the plenum, containing 2xfluorescent bulbs (30 W each one); all equipped with electronic reactors.

Air supply generator unit equipped with direct fired gas burner 350 kw and fan with directly coupled motor 15 kw.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit with pocket filters and fan with directly coupled motor 15 kw.

Air flow 40.000 m³/h

Total recycle system (drying phase).

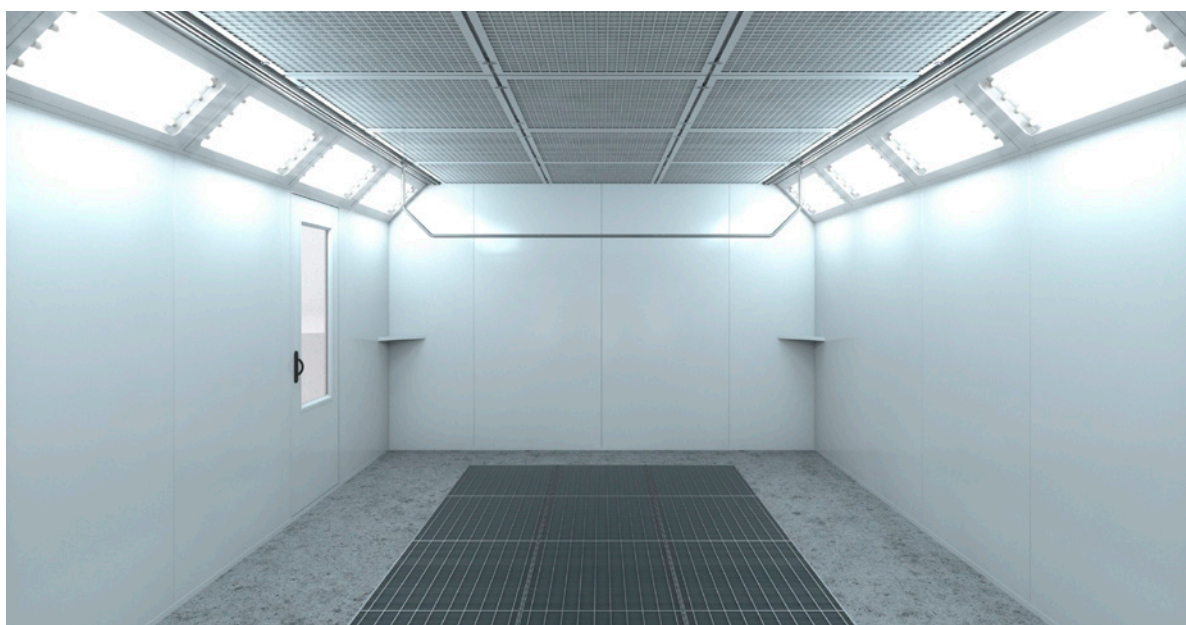
Motorized bypass painting/drying phases.

Control panel with color touch screen display 9,7", hardware for motor inverters and automatic pressure control inside the booth.

PRICE 58.500,00 euro

Platinum Options

OPTP84001 Price difference for masonry works totally grided with 5 rows of 8 galvanized grids	€	2.600,00
OPTP84002 Price difference for raised metal base h.400 mm totally grided with external access ramps	€	5.200,00
OPTP84003 Price difference for height increase each 300 mm	€	1.200,00
OPTP84004 Price deduction for heat exchanger addition with two-stage gas burner 350 kw	€	(-) 2.800,00
OPTP84005 Price deduction for two-stage oil burner 350 kw	€	(-) 2.500,00
OPTP84006 Price difference for cleaner with activated carbon filters – 30 cartridges, 600 Kg-	€	4.500,00
OPTP84007 Price difference for insulated roofs	€	1.960,00



	Useful dimensions	External dimensions	(+) metal base h.330 mm
Length mm	7200	7320	
Width mm	4000	4120	
Height mm	2800	3400	3730

PAINTING PLANTS

Technical data

Grid kit for masonry works made of 3 rows of 6 galvanized grids -grid capacity 720 kg/wheel- (surface 2.280 x 6.010 m²), equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

3-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (60 mm thickness). One door can be used as personnel door. Overall door dimensions: 3.000 x h. 2.750 mm.

Personnel door on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fiber V500.

Lighting through 6+6 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit equipped with stainless steel heat exchanger, two-stage oil burner 280 kw, double suction centrifugal fan and 11 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit with pocket filters, double suction centrifugal fan and 11 kw motor.

Air flow 32.000 m³/h.

Motorized bypass painting/drying phases.

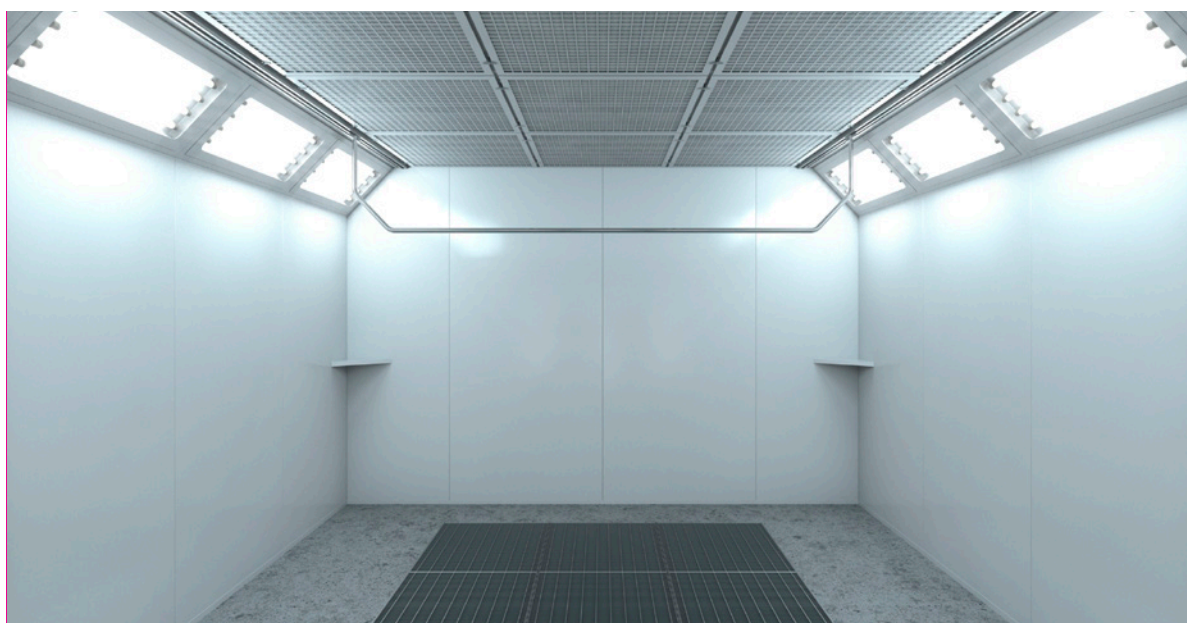
Sliding bar to hang small components (50 kg max.) and angular shelves.

Electromechanical **control panel**.

PRICE 35.400,00 euro

Titanium 7200 Options

OPTT72001 Price difference for masonry works totally grilled with 5 rows of 7 galvanized grids	€	2.350,00
OPTT72002 Price difference for raised metal base h.330 mm totally grilled with external access ramps	€	4.100,00
OPTT72003 Price difference for lower lighting mounted into the side panels, 2 TL 30 Watt each one	€	1.660,00
OPTT72004 Price difference for height increase of 300 mm	€	900,00
OPTT72005 Price deduction for air flow decrease from 32.000 to 28.000 (motors 9,2 +9,2 kw)	€	(-) 850,00
OPTT72006 Price difference for two-stage gas burner 280 kw	€	1.850,00
OPTT72007 Price difference for premixed gas burner 250 kw	€	5.660,00
OPTT72008 Price difference for direct fired gas burner 280 kw	€	6.480,00
OPTT72009 Price difference for total recycle system (drying phase)	€	880,00
OPTT72010 Price difference for cleaner with activated carbon filters – 12 cartridges, 240 Kg-	€	1.800,00
OPTT72011 Exhaust unit deduction	€	(-) 4.110,00
OPTT72012 Price difference for insulated roofs	€	1.680,00



	Useful dimensions	External dimensions	(+) metal base h.330 mm
Length mm	6000	6120	
Width mm	4000	4120	
Height mm	2800	3400	3730

Technical Data

Grid kit for masonry works made of 3 rows of 5 galvanized grids -grid capacity 720 kg/wheel- (surface 2.280 x 5.010 m²), equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

3-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (60 mm thickness). One door can be used as personnel door. Overall door dimensions: 3.000 x h. 2.750 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fiber V500.

Lighting through 5+5 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit equipped with stainless steel heat exchanger, two-stage oil burner 230 kw, double suction centrifugal fan and 9,2 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit with pocket filters, double suction centrifugal fan and 9,2 kw motor.

Air flow 26.000 m³/h.

Motorized bypass painting/drying phases.

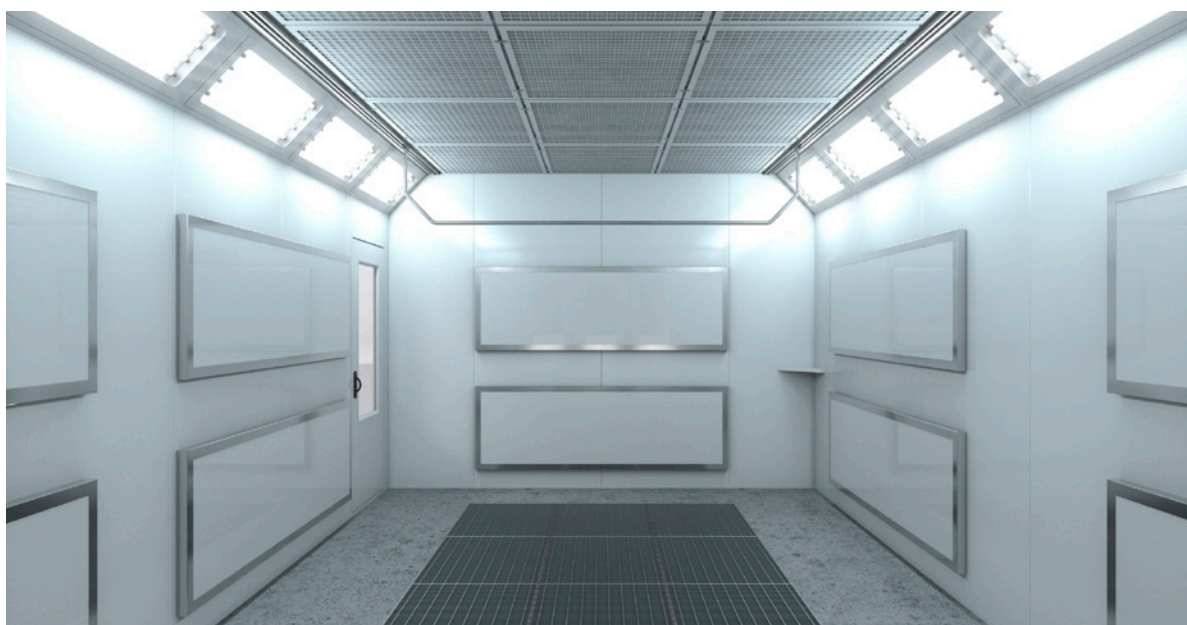
Sliding bar to hang small components (50 kg max.) and angular shelves.

Electromechanical **control panel**.

PRICE 31.500,00 euro

Titanium 6000 Options

OPTT60001 Price difference for masonry works totally gridded with 5 rows of 6 galvanized grids	€	1.980,00
OPTT60002 Price difference for raised metal base h.330 mm totally gridded with external access ramps	€	3.400,00
OPTT60003 Price difference for lower lighting mounted into the side panels, 2 TL 30 Watt each one	€	1.380,00
OPTT60004 Price difference for height increase each 300 mm	€	900,00
OPTT60005 Price deduction for air flow reduction from 26.000 to 20.000 (motors 7,5+7,5 kw)	€	(-) 600,00
OPTT60006 Price difference for two-stage gas burner 230 kw	€	1.580,00
OPTT60007 Price difference for premixed gas burner 250 kw	€	5.380,00
OPTT60008 Price difference for direct fired gas burner 230 kw	€	6.200,00
OPTT60009 Price difference for total recycle system (drying phase)	€	880,00
OPTT60010 Price difference for cleaner with activated carbon filters – 9 cartridges, 180 Kg-	€	1.350,00
OPTT60011 Exhaust unit deduction	€	(-) 3.140,00
OPTT60012 Price difference for insulated roofs	€	1.400,00



	Useful dimensions	External dimensions	(+) metal base h.330 mm
Length mm	7200	7320	
Width mm	4000	4120	
Height mm	2800	3500	3830

PAINTING PLANTS

Technical Data

Grid kit for masonry works made of 3 rows of 6 galvanized grids -grid capacity 720 kg/wheel- (surface 2.280 x 6.010 m²), equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

3-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (60 mm thickness). One door can be used as personnel door. Overall door dimensions: 3.000 x h. 2.750 mm.

Personnel door on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fiber V500.

Lighting through 6+6 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply unit with double suction centrifugal fan and 11 kw motor.

Connecting plenum ducts with the air supply unit.

Exhaust unit with pocket filters, double suction centrifugal fan and 11 kw motor.

Air flow 32.000 m³/h

Endothermic panels 4+4 (pcs.) mounted on side panels and 2 (pcs.) mounted on the rear panel, electric power 30 kw

Motorized bypass painting/drying phases.

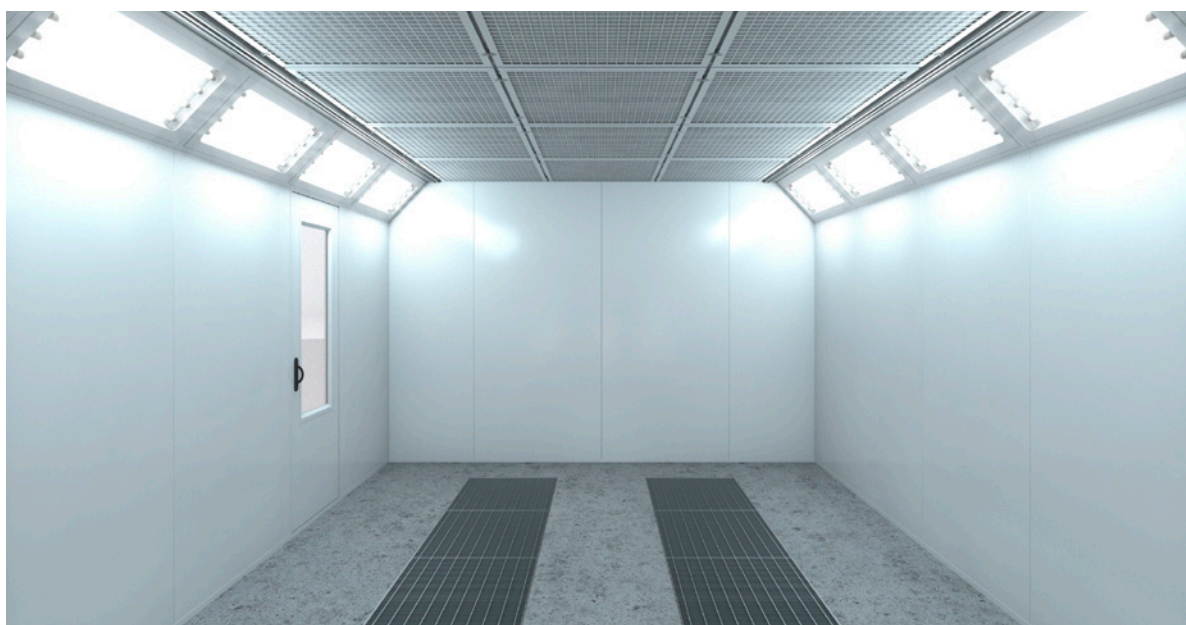
Sliding bar to hang small components (50 kg max.) and angular shelves.

Electromechanical **control panel**.

PRICE 58.000,00 euro

Gold Options

OPTG72001 Price difference for endothermic panels TOP 4 placed on the filtering plenum; electric power kw 4	€	5.550,00
OPTG72002 Price difference for endothermic panels TOP 6 placed on the filtering plenum; electric power kw 6	€	8.350,00
OPTG72003 Price difference for endothermic panels recessed on side panels	€	3.200,00
OPTG72004 Price difference for ventilation heating during painting phase through premixed gas burner 150 kw	€	5.700,00
OPTG72005 Price difference for ventilation heating during-painting phase through electric battery	€	5.600,00
OPTG72006 Price difference for "Energy saving" function with cyclical start up of endothermic panel (electricity saving equal to 60/70%)	€	900,00
OPTG72007 Price difference for "Energy consumption" function for actual consumption monitoring of electricity during the working cycle	€	780,00



	Useful dimensions	External dimensions
Length mm	7200	7320
Width mm	4000	4120
Height mm	2800	3400

Technical Data

Grid kit for masonry works made of 2 rows of 6 galvanized grids -grid capacity 720 kg/wheel- (surface 2.280 x 6.010 m²), equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

3-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (60 mm thickness). One door can be used as personnel door. Overall door dimensions: 3.000 x h. 2.750 mm.

Personnel door on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with polyurethane foam (50 mm thickness).

Filtering plenum containing ceiling filters in polyester fiber V500.

Lighting through 6+6 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit equipped with stainless steel heat exchanger, two-stage oil burner 200 kw, double suction centrifugal fan and 7,5 kw motor.

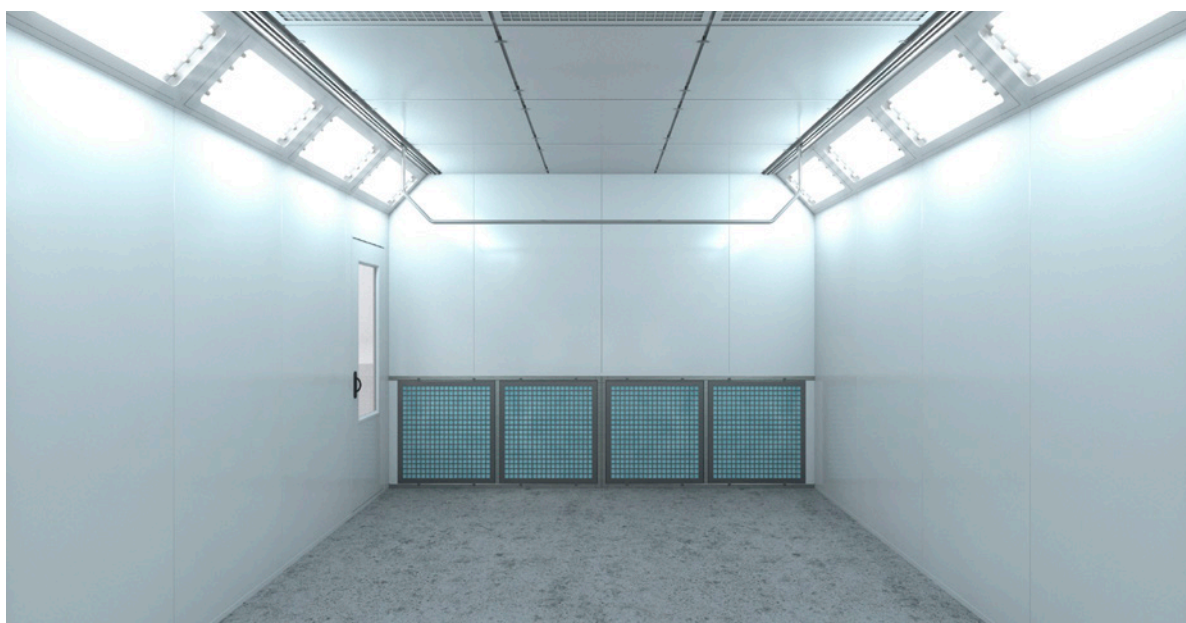
Connecting plenum ducts with the air supply generator unit.

Exhaust unit with no pocket filters, double suction centrifugal fan and 7,5 kw motor.

Air flow 20.000 m³/h

Electromechanical **control panel**.

PRICE 27.000,00 euro



	Useful dimensions	External dimensions
Length mm	7200	7320
Width mm	4000	4120
Height mm	2800	3400

Technical Data

Semi down-draft ventilation coming from the roof covering and direct towards the rear wall; installation with natural air flux from the surrounding area.

Rear suction wall equipped with "paint stop" filters.

3-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (60 mm thickness). One door can be used as personnel door. Overall door dimensions: 3.000 x h. 2.750 mm.

Personnel door on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with polyurethane foam (50 mm thickness).

Covering roof with half filtering section containing ceiling filters in polyester fiber V500.

Lighting through 6+6 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Exhaust unit with pocket filters, double suction centrifugal fan and 5,5 kw motor.

Air flow 20.000 m³/h.

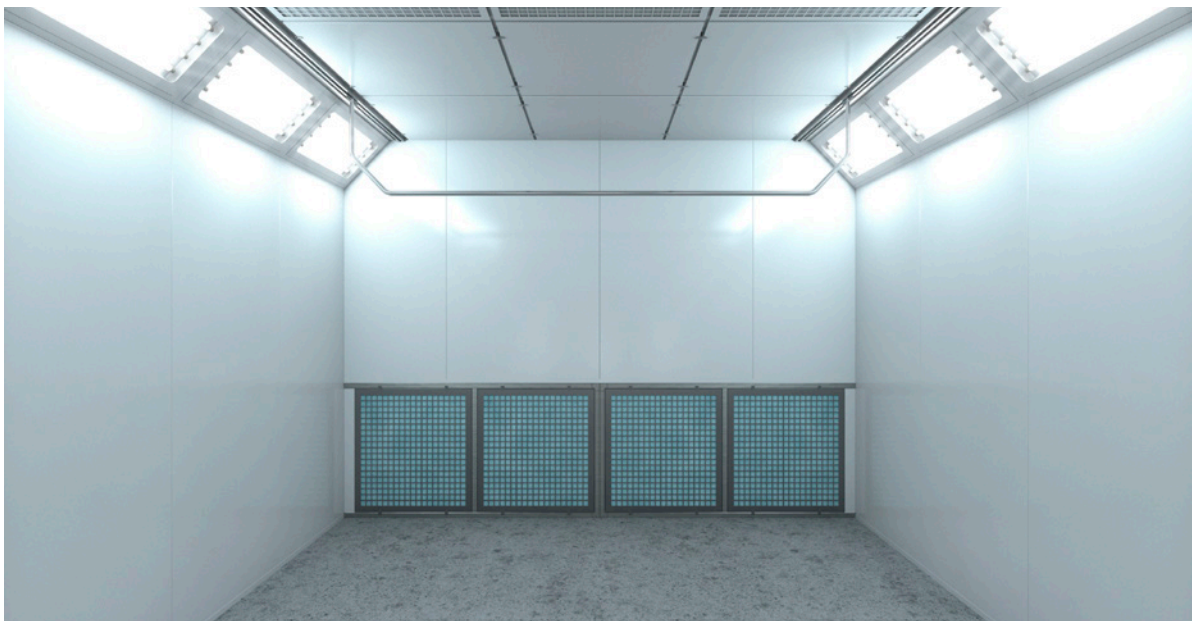
Sliding bar to hang small components (50 kg max.) and angular shelves.

Electromechanical **control panel**.

PRICE 20.500,00 euro

Iron 7200 Options

OPTI72001 Price difference for light fixtures mounted externally into the side panels, 2 TL 30 Watt each one.	€	2.400,00
OPTI72002 Price difference for air supply unit at room temperature, 5,5 kw motor complete with roof beams and covering.	€	4.600,00
OPTI72003 Price difference for air supply generator unit equipped with stainless steel heat exchanger, oil burner 140 kw and 5,5 kw motor, complete with roof beams and covering.	€	6.685,00
OPTI72004 Price difference for side suction (7 meters)	€	1.020,00
OPTI72005 Price difference for rock wool insulation	€	3.200,00



	Useful dimensions	External dimensions
Length mm	6000	6120
Width mm	4000	4120
Height mm	2800	3400

Technical Data

Semi down-draft ventilation coming from the roof covering and direct towards the rear wall; installation with natural air flux from the surrounding area.

Rear suction wall equipped with "paint stop" filters.

3-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (60 mm thickness). One door can be used as personnel door. Overall door dimensions: 3.000 x h. 2.750 mm.

Side and rear panels pre-painted white and insulated with polyurethane foam (50 mm thickness).

Covering roof with half filtering section containing ceiling filters in polyester fiber V500.

Lighting through 5+5 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Exhaust unit with pocket filters, double suction centrifugal fan and 5,5 kw motor.

Air flow 20.000 m³/h.

Sliding bar to hang small components (50 kg max.) and angular shelves.

Electromechanical **control panel**.

PRICE 17.000,00 euro

Iron 6000 Options

OPTI60001 Price difference for light fixtures mounted externally into the side panels, 2 TL 30 WATT each one.	€	2.000,00
OPTI60002 Price difference for air supply unit at room temperature, 5,5 kw motor complete with roof beams and covering.	€	4.600,00
OPTI60003 Price difference for air supply generator unit equipped with stainless steel heat exchanger, oil burner 140 kw and 5,5 kw motor, complete with roof beams and covering.	€	6.685,00
OPTI60004 Price difference for side suction (6 meters)	€	850,00
OPTI60005 Price difference for rock wool insulation	€	2.950,00

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OPTIONS COMMON TO ALL SPRAY BOOTHS



OPTC001 Internal pneumatic ramp.

Dimensions: 2.400 x 3.000 mm

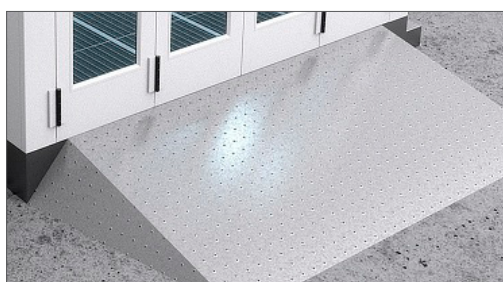
€ 3.500,00



OPTC002 Internal fixed ramp

Dimensions: 2.400 mm x total width

€ 1.300,00



OPTC003 External access ramp x total width.

Dimensions: 2.400 x. 3.000 mm

€ 1.500,00



OPTC004 Two additional access ramps for second exit door

€ 750,00



OPTC005 LED fluorescent bulbs mounted on the inclined pieces (7200 model)

€ 1.100,00

OPTC006 LED fluorescent bulbs mounted on side panels (7200 model)

€ 760,00

OPTC007 LED fluorescent bulbs mounted on the inclined pieces (6000 model)

€ 940,00

OPTC008 LED fluorescent bulbs mounted on side panels (6000 model)

€ 650,00



OPTC009 Corner lamps 4xfluorescent bulbs each one

€ 480,00

OPTC010 Corner lamps 2xfluorescent bulbs each one

€ 380,00

PAINTING PLANTS



OPTC011 Observation window on side panel. Dimensions:
530x h.1.250 mm

€ 200,00



OPTC012 "Crystal type" glass on side panel

€ € 400,00



OPTC013 Second exit door instead of the rear panel. (drive-through configuration)

€ 4.500,00



OPTC014 Additional wing on front door (3.600 mm width)

€ 700,00



OPTC015 6-wing side door.
Dimensions 5.800 x h. 2.400 mm

€ 8.200,00

OPTIONS COMMON TO ALL SPRAY BOOTHS



OPTC016 Front door with colored wings (RAL) € 1.200,00



OPTC017 Front door with large "Crystal type" glasses € 900,00

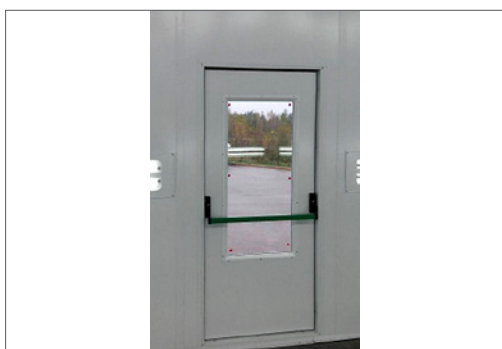


OPTC018 AISI 304 stainless steel front door € 2.400,00



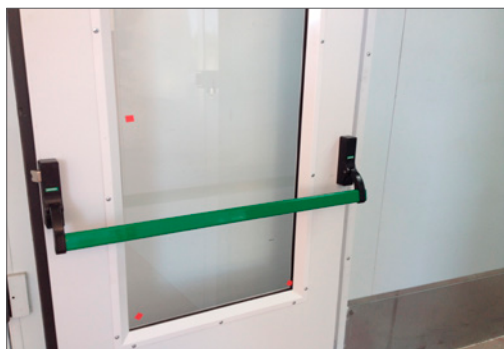
OPTC019 Motorized rolling door placed in the front part of the booth € 6.500,00

OPTC020 Motorized rolling door placed on the side panel.
Dimensions: 5.800 x h.2.400 mm € 7.800,00

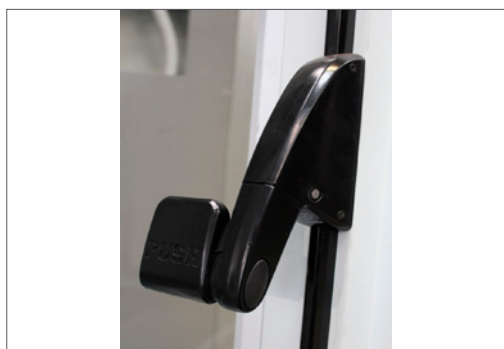


OPTC021 Personnel door.
Dimensions: 900 x h. 2.100 mm € 1.100,00

PAINTING PLANTS



OPTC022 Panic push bar on personnel door € 200,00



OPTC023 Panic push (quadro model) € 250,00



OPTC024 Door switch € 140,00

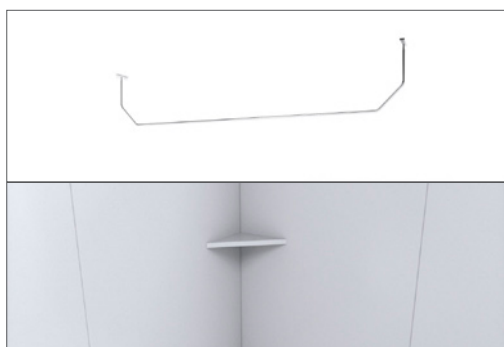


OPTC025 Magnetic switch € 170,00



OPTC026 Width difference from 4 to 4,5 m (up to 7,2 m) € 3.800,00

OPTC027 Booth extension each 600 mm € 1.500,00



OPTC028 Sliding bar to hang small components (50 kg max.) and corner shelves. € 450,00

OPTIONS COMMON TO ALL SPRAY BOOTHS



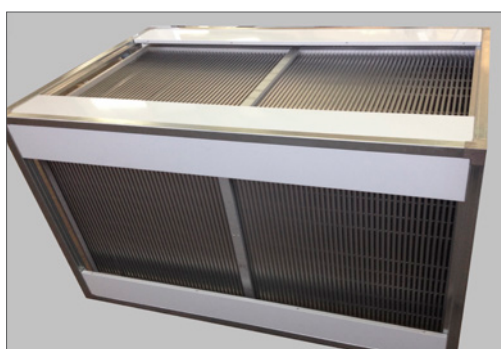
OPTC029 Centrifugal fans with backward curved blades
20-26.000 m³/h € 2.000,00

OPTC030 Centrifugal fans with backward curved blades
28-32.000 m³/h € 3.000,00



OPTC031 Fans with directly coupled motors 18-24.000 m³/h € 2.200,00

OPTC032 Fans with directly coupled motors 26-32.000 m³/h € 3.000,00



OPTC033 Plate heat recovery system 20-26.000 m³/h € 11.000,00

OPTC034 Plate heat recovery system 28-32.000 m³/h € 13.560,00

OPTC035 Plate heat recovery system 20-26.000 m³/h -
ErP 2018 directive € 16.000,00

OPTC036 Plate heat recovery system 28-32.000 m³/h
- ErP 2018 directive € 19.000,00



OPTC037 Load-bearing structure for support units,
equipped with upper support plane, side grid,
railing and marine ladder. € 12.400,00



OPTC038 Load-bearing structure for support units
(cheap version) € 8.000,00

PAINTING PLANTS



OPTC039 Endothermic Kit (10 endothermic panels, 30 kw). € 20.000,00

OPTC040 Endothermic Kit (10 endothermic panels, 24 kw). € 16.200,00

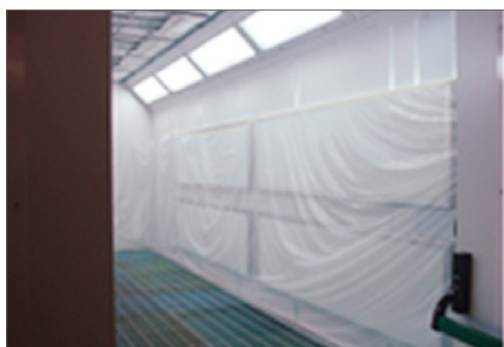


OPTC041 Electromechanical control panel to manage endothermic panels € 3.400,00

OPTC042 Electromechanical control panel to manage endothermic panels with cyclic function € 4.250,00

OPTC043 Electromechanical control panel to manage endothermic panels + booth € 4.800,00

OPTC044 Electromechanical control panel with cyclic function to manage endothermic panels + booth € 5.600,00



OPTC045 Protective film for endothermic panels h. 2.2 x 100 meters € 430,00



OPTC046 7,2' Color touch screen panel € 1.700,00

OPTC047 9,7' Color touch screen panel € 2.200,00



OPTC048 Inverter for motors control 5,5-7,5 kw complete with PLC, touch screen not included € 6.000,00

OPTC049 Inverter for motors control 9,2-11 kw complete with PLC, touch screen not included. € 6.800,00

OPTC050 Inverter for control panel management 5,5-7,5 kw motors. € 5.200,00

OPTC051 Inverter for control panel management 9,2-11 kw motors. € 5.600,00

OPTC052 Inverter for control panel management 9,2-11 kw motors with soft starter on supply motors. € 3.900,00

OPTIONS COMMON TO ALL SPRAY BOOTHS



OPTC053 Control panel tele-assistance: customized programs; immediate intervention; parameters setting € 700,00



OPTC054 One-year contract for a tele-assistance service € 1.200,00



OPTC055 Flow switch for "automatic stand by" function (only with inverter) € 200,00



OPTC056 Min/max. pressure switch € 60,00



OPTC057 Safety solenoid valve € 200,00

PAINTING PLANTS



OPTC058 Belimo damper actuator

€ 260,00



OPTC059 Proportional damper actuator

€ 400,00



OPTC060 Magnehelic pressure gauge for internal pressure monitoring

€ 310,00



OPTC061 KIMO pressure gauge for internal pressure monitoring

€ 160,00



OPTC062 Pressure switch with warning device on control panel for saturated filter control

€ 110,00

OPTIONS COMMON TO ALL SPRAY BOOTHS



OPTC063 Acoustic and visual warning device

€ 250,00



OPTC064 ATEX CO detector

€ 1.700,00



OPTC065 LEL gas detector

€ 1.500,00



OPTC066 PT100 probe

€ 100,00

PAINTING PLANTS



OPTC067 Deduction for panels insulated with polyurethane foam (up to 8.4 m.)

€ (-) 2.800,00



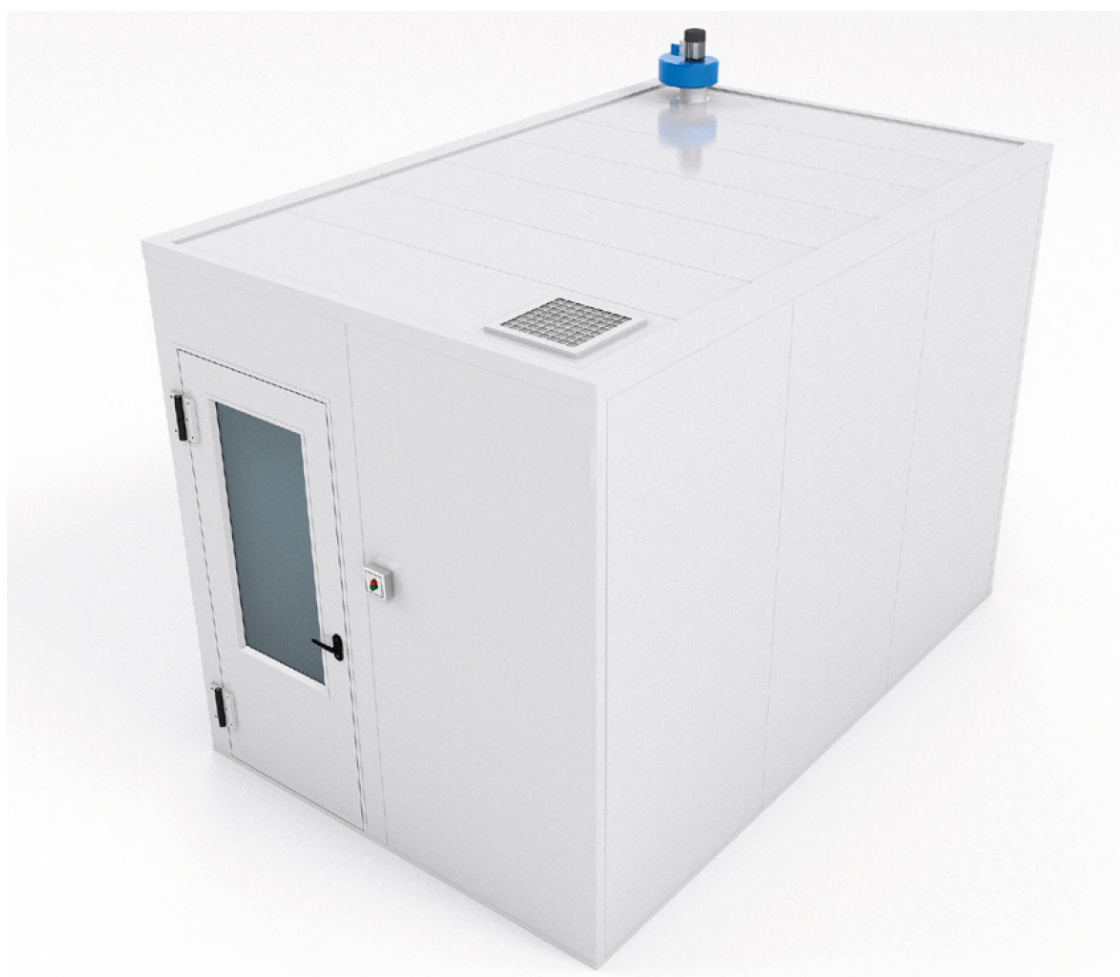
OPTC068 Emergency lights

€ 250,00



OPTC069 Wooden packing cases

€ 550,00



Rock wool insulation

Model	Useful dimensions (mm)	Air flow and electrical suction fan kw	
CB 3.6	3600 x 2400 x h. 2800 2x light fixtures 4 TL 30 W each one	1.200 m ³ /h 0,55 kw	€ 5.700,00
CB 4.8	4800 x 2400 x h. 2800 3x light fixtures 4 TL 30 W each one	1.600 m ³ /h 0,55 kw	€ 6.500,00
CB 6.0	6000 x 2400 x h. 2800 4x light fixtures 4 TL 30 W each one	2.000 m ³ /h 0,75 kw	€ 7.400,00
CB 7.2	7200 x 2400 x h. 2800 4x light fixtures 4 TL 30 W each one	2.400 m ³ /h 0,75 kw	€ 8.300,00

Polyurethane foam insulation

Model	Useful dimensions (mm)	Air flow and electrical suction fan kw	
CB 3	3000 x 2000 x h. 2800 1x light fixture 4 TL 30 W each one	840 m ³ /h 0,37 kw	€ 4.000,00
CB 4	4000 x 2000 x h. 2800 1x light fixture 4 TL 30 W each one	1.120 m ³ /h 0,55 kw	€ 4.500,00
CB 5	5000 x 2000 x h. 2800 2x light fixtures 4 TL 30 W each one	1.400 m ³ /h 0,55 kw	€ 5.000,00
CB 6 PLUS	6000 x 2000 x h. 2800 3x light fixtures 4 TL 30 W each one	1.680 m ³ /h 0,75 kw	€ 5.500,00

PAINTING PLANTS

Technical Data

Front door with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side/rear panels and doors pre-painted white and insulated with rock wool (thickness 52 mm).

Upper roof covering pre-painted white.

Exhaust system with air extraction from below.

Electric suction fan placed on the roof.

Air reintegration grill on the roof with glass fibre filter.

Lighting through light fixtures containing 4x fluorescent bulbs.

Electromechanical **control panel** with delayed light starting and bound to ventilation.

Mixing Room "Color Box" Options

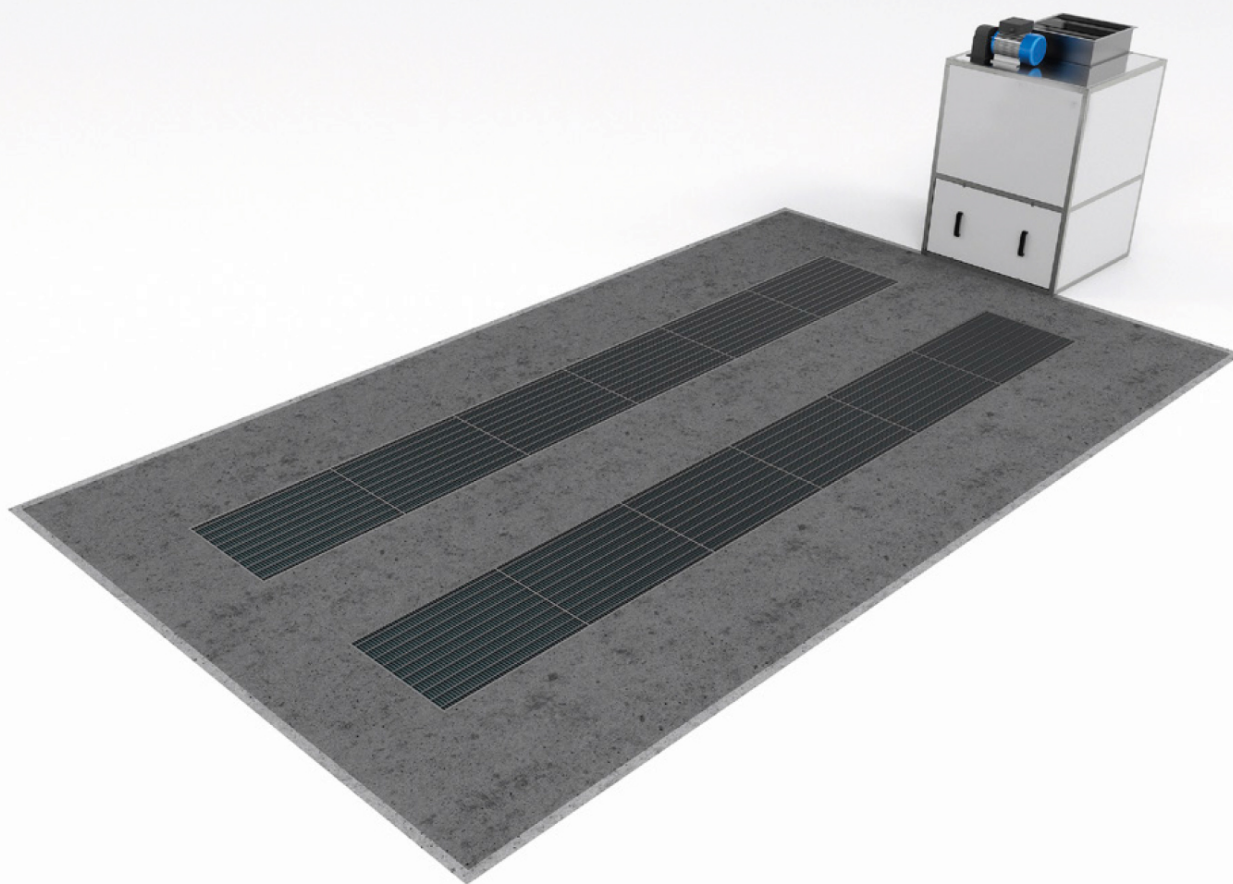
OPTB001 Price difference for dividing wall with personnel door to change the mixing room in vestibule	€	1.600,00
OPTB002 Price difference for observation window on side panel.	€	200,00
OPTB003 Price difference for additional light fixtures 4xfluorescent bulbs	€	200,00
OPTB004 Price difference for each light fixtures according to ATEX directive	€	240,00
OPTB005 Price difference for each motor according to ATEX directive	€	1.600,00
OPTB006 Price difference for mixing room extension each 1200 mm	€	960,00
OPTB007 Price difference for mixing room heating with electric battery	€	3.400,00
OPTB008 Furniture with extractor hood in press-bent galvanized metal sheet structure containing a stainless steel working table equipped with front suction section and electrical suction fan	€	2.600,00
OPTB009 Metal base equipped with paint tank/m ²	€	150,00
OPTB010 Exhaust air duct 1 meter Ø 250	€	38,00
OPTB011 90° Bend Ø 250	€	58,00
OPTB012 45 ° bend Ø 250	€	52,00
OPTB013 Galvanized bird beak duct	€	62,00
OPTB014 Brackets each one	€	18,00

* fan must be proportionally dimensioned with ducts longer than 5 meters

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PREP STATIONS





	Useful dimensions
Length mm	7200
Width mm	4000
Height mm	2800

Technical Data

Grid kit for masonry works made of 2 rows of 6 galvanized grids -grid capacity 720 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

Exhaust unit with double suction centrifugal fan and 7,5 kw motor, situated close to the working area.

Double sector pocket filters placed inside the exhaust unit.

Air flow 20.000 m³/h.

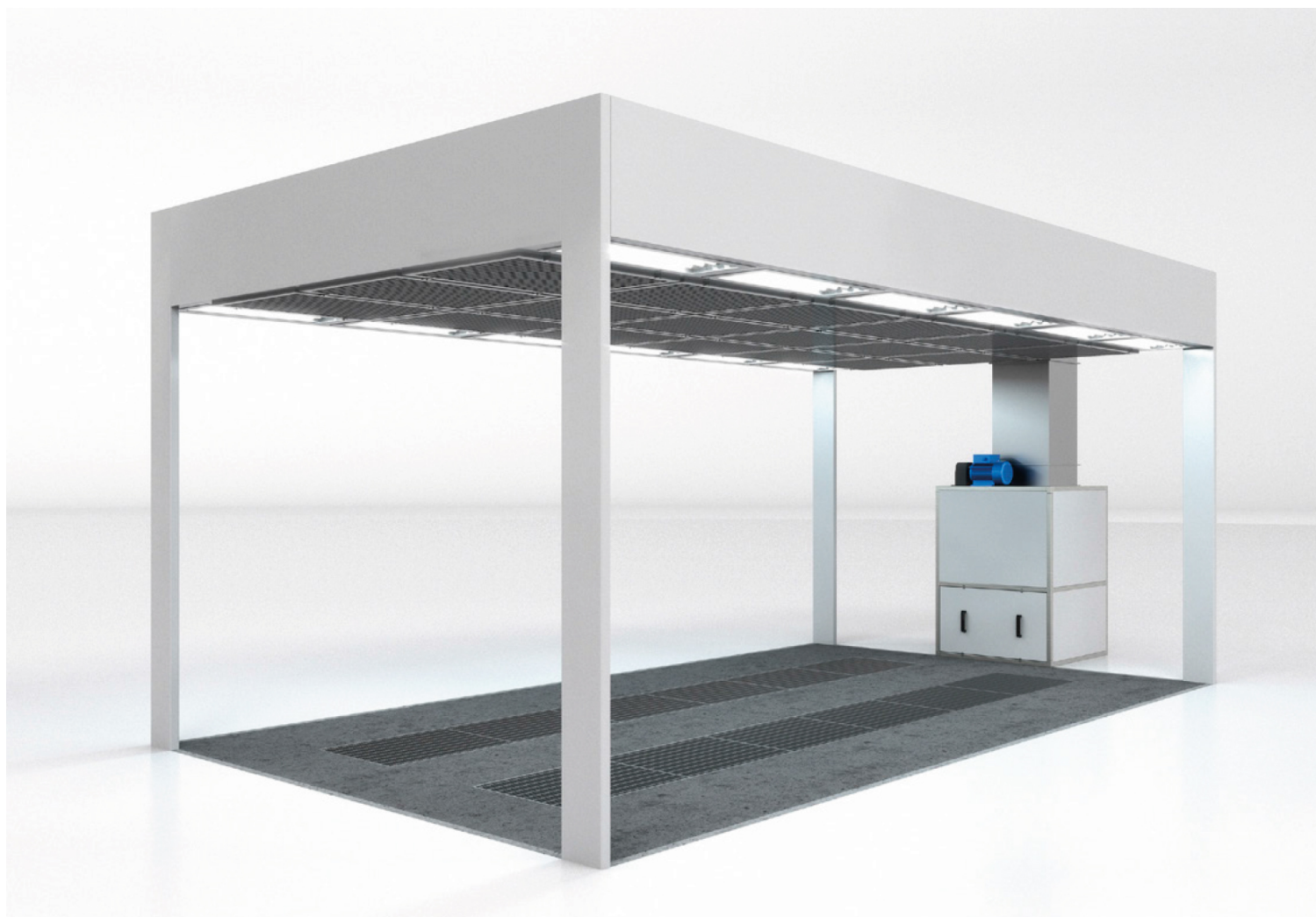
ON/OFF electromechanical **control panel** with thermal-magnetic circuit breaker

PRICE 7.100,00 euro

PAINTING PLANTS

Mercury 72 Options

OPTZPM72001 Price difference for third row of galvanized grid (tot. 3 rows of grids - surface 2.280 x 6.010 m ²)	€ 960,00
OPTZPM72002 Price difference for masonry works totally grided with 6 rows of galvanized grids	€ 2.380,00
OPTZPM72003 Price difference for raised metal base h.330 mm totally grided with external access ramps	€ 4.100,00
OPTZPM72004 Price difference for air supply unit with 7,5 kw motor arranged for heating	€ 4.060,00
OPTZPM72005 Price difference for heating through single stage oil burner 140 kw + stainless steel heat exchanger	€ 2.300,00
OPTZPM72006 Price difference for heating through single stage gas burner 140 kw + stainless steel heat exchanger	€ 3.900,00
OPTZPM72007 Price difference for heating through premixed gas burner 150 kw	€ 4.600,00
OPTZPM72008 Price difference for heating through hot water battery supply unit	€ 4.200,00
OPTZPM72009 Price difference for EI 120 damper	€ 1.000,00
OPTZPM72010 Price difference for side panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€ 2.600,00
OPTZPM72011 Price difference for rear panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€ 1.500,00
OPTZPM72012 Price difference for manual side curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€ 1.000,00
OPTZPM72013 Price difference for manual front curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€ 500,00
OPTZPM72014 Price difference for motorized curtain (vertical opening) with "Dead man's switch"	€ 600,00



	Useful dimensions
Length mm	7200
Width mm	4000
Height mm	2800

Technical Data

Grid kit for masonry works made of 2 rows of 6 galvanized grids -grid capacity 720 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

Filtering plenum to cover the operational area, equipped with 6+6 light fixtures containing 4 xfluorescent bulbs (30 W each one); motorized by-pass to recycle or total air expulsion. Support structure with columns and load-bearing beams painted white.

Exhaust unit with double suction centrifugal fan and 7,5 kw motor, situated close to the working area.

Double sector pocket filters placed inside the exhaust unit.

Air flow 20.000 m³/h.

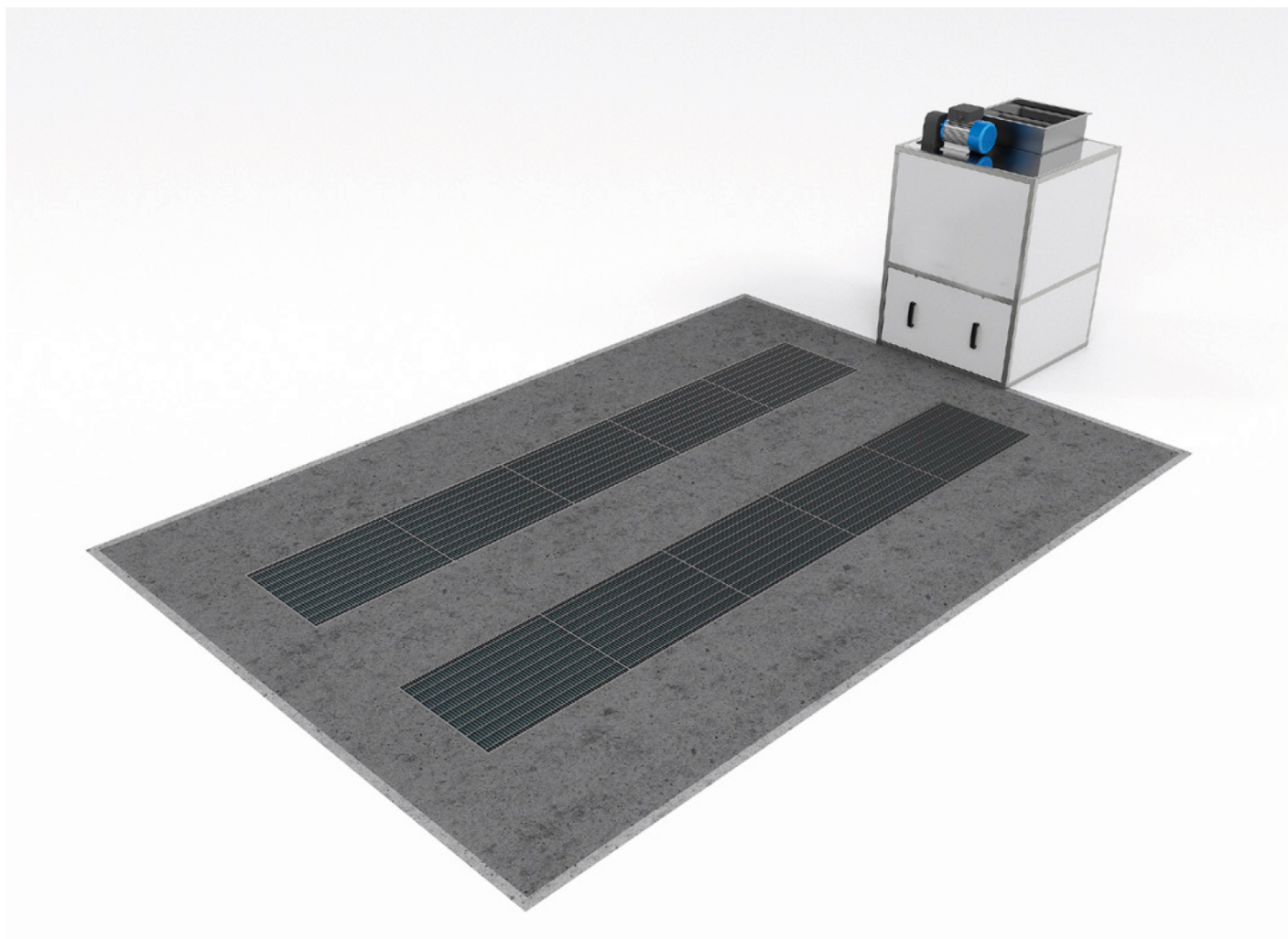
ON/OFF electromechanical **control panel** with thermal-magnetic circuit breaker.

PRICE 15.200,00 euro

PAINTING PLANTS

Mercury 72 with filtering plenum options

OPTZPM72P001 Price difference for third row of galvanized grid (tot. 3 rows of grids - surface 2.280 x 6.010 m ²)	€ 960,00
OPTZPM72P002 Price difference for masonry works totally grilled with 6 rows of galvanized grids	€ 2.380,00
OPTZPM72P003 Price difference for raised metal base h.330 mm totally grilled with external access ramps	€ 4.100,00
OPTZPM72P004 Price difference for air supply unit with 7,5 kw motor arranged for heating	€ 4.060,00
OPTZPM72P005 Price difference for heating through single stage oil burner 140 kw + stainless steel heat exchanger	€ 2.300,00
OPTZPM72P006 Price difference for heating through single stage gas burner 140 kw + stainless steel heat exchanger	€ 3.900,00
OPTZPM72P007 Price difference for heating through premixed gas burner 150 kw	€ 4.600,00
OPTZPM72P008 Price difference for heating through hot water battery supply unit	€ 4.200,00
OPTZPM72P009 Price difference for EI 120 damper	€ 1.000,00
OPTZPM72P010 Price difference for side panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€ 2.600,00
OPTZPM72P011 Price difference for rear panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€ 1.500,00
OPTZPM72P012 Price difference for manual side curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€ 1.000,00
OPTZPM72P013 Price difference for manual front curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€ 500,00
OPTZPM72P014 Price difference for motorized curtain (vertical opening) with "Dead man's switch"	€ 600,00



	Useful dimensions
Length mm	6000
Width mm	4000
Height mm	2800

Technical Data

Grid kit for masonry works made of 2 rows of 5 galvanized grids -grid capacity 720 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

Exhaust unit with double suction centrifugal fan and 5,5 kw motor, situate close to the working area.

Double sector pocket filters placed inside the exhaust unit.

Air flow 17.000 m³/h.

ON/OFF electromechanical **control panel** with thermal-magnetic circuit breaker.

PRICE 6.200,00 euro

PAINTING PLANTS

Mercury 60 Options

OPTZPM60001 Price difference for third row of galvanized grid (tot. 3 rows of grids - surface 2.280 x 5.010 m ²)	€ 800,00
OPTZPM60002 Price difference for masonry works totally grided with 5 rows of galvanized grids	€ 1.980,00
OPTZPM60003 Price difference for raised metal base h.330 mm with external access ramps	€ 3.400,00
OPTZPM60004 Price difference for air supply unit with 5,5 kw motor arranged for heating	€ 3.800,00
OPTZPM60005 Price difference for heating through single stage oil burner 140 kw + stainless steel heat exchanger	€ 2.300,00
OPTZPM60006 Price difference for heating through single stage gas burner 140 kw + stainless steel heat exchanger	€ 3.900,00
OPTZPM60007 Price difference for heating through premixed gas burner 150 kw	€ 4.600,00
OPTZPM60008 Price difference for heating through hot water battery supply unit	€ 4.200,00
OPTZPM60009 Price difference for EI 120 damper	€ 1.000,00
OPTZPM60010 Price difference for side panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€ 2.160,00
OPTZPM60011 Price difference for rear panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€ 1.500,00
OPTZPM60012 Price difference for manual side curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€ 840,00
OPTZPM60013 Price difference for manual front curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€ 500,00
OPTZPM60014 Price difference for motorized curtain (vertical opening) with "Dead man's switch"	€ 600,00



Useful dimensions

Length mm	6000
Width mm	4000
Height mm	2800

Technical Data

Grid kit for masonry works made of 2 rows of 6 galvanized grids -grid capacity 720 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

Filtering plenum to cover the operational area, equipped with 5+5 light fixtures containing 4xfluorescent bulbs (30 W each one); motorized by-pass to recycle or total air expulsion. Support structure with columns and load-bearing beams painted white.

Exhaust unit with double suction centrifugal fan and 5,5 kw motor, situated close to the working area.

Double sector pocket filters placed inside the exhaust unit.

Air flow 17.000 m³/h.

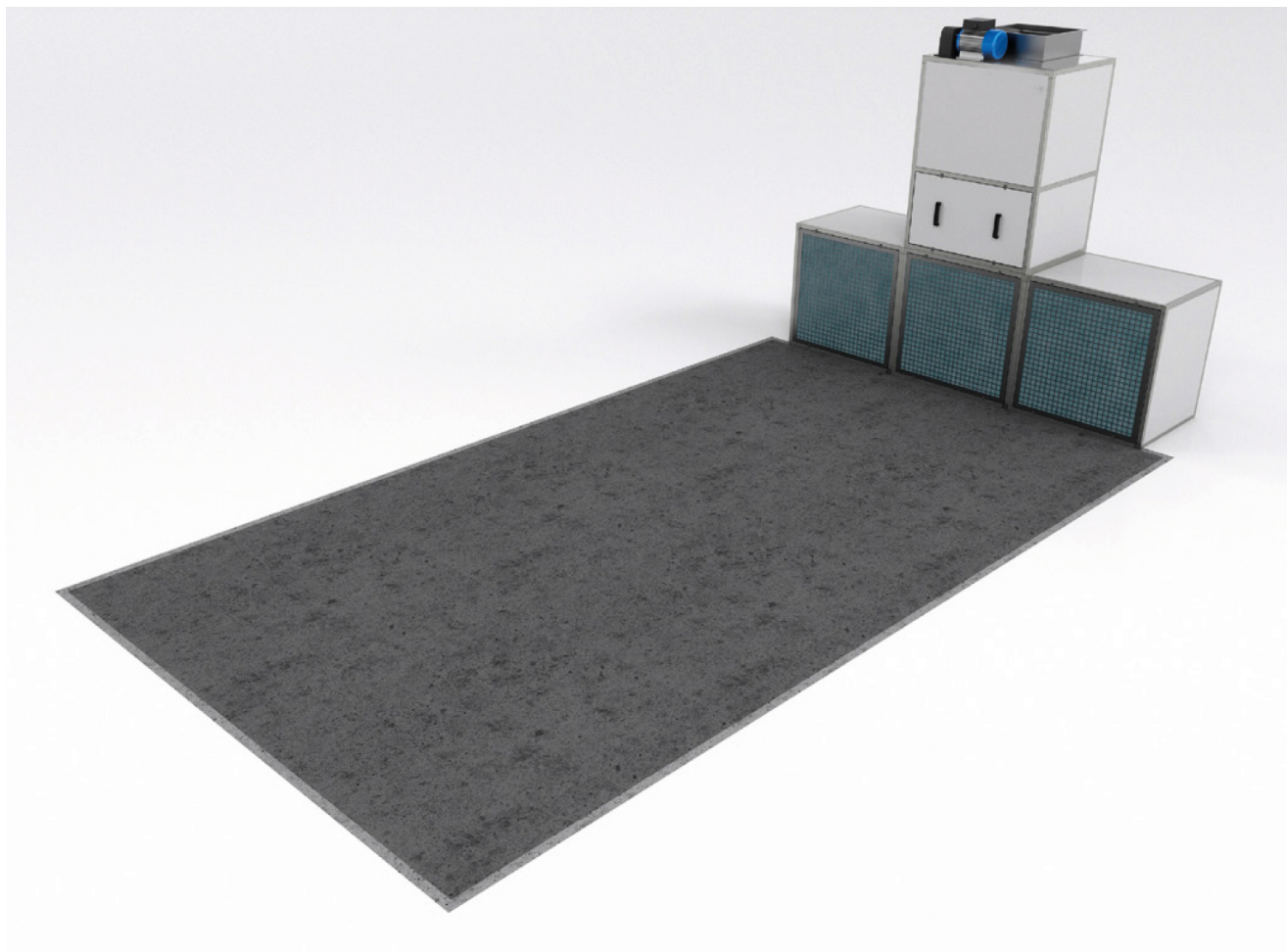
ON/OFF electromechanical **control panel** with thermal-magnetic circuit breaker.

PRICE 12.500,00 euro

PAINTING PLANTS

Mercury 60 with filtering plenum options

OPTZPM60P001	Price difference for third row of galvanized grid (tot. 3 rows of grids - surface 2.280 x 5.010 m ²)	€	800,00
OPTZPM60P002	Price difference for masonry works totally grilled with 5 rows of galvanized grids	€	1.980,00
OPTZPM60P003	Price difference for raised metal base h.330 mm totally grilled with external access ramps	€	3.400,00
OPTZPM60P004	Price difference for air supply unit with 5,5 kw motor arranged for heating	€	3.800,00
OPTZPM60P005	Price difference for heating through single stage oil burner 140 kw + stainless steel heat exchanger	€	2.300,00
OPTZPM60P006	Price difference for heating through single stage gas burner 140 kw + stainless steel heat exchanger	€	3.900,00
OPTZPM60P007	Price difference for heating through premixed gas burner 150 kw	€	4.600,00
OPTZPM60P008	Price difference fo heating through hot water battery supply unit	€	4.200,00
OPTZPM60P009	Price difference for EI 120 damper	€	1.000,00
OPTZPM60P010	Price difference for side panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€	2.160,00
OPTZPM60P011	Price difference for rear panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€	1.500,00
OPTZPM60P012	Price difference for manual side curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€	840,00
OPTZPM60P013	Price difference for manual front curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€	500,00
OPTZPM60P014	Price difference for motorized curtain (vertical opening) with "Dead man's switch"	€	600,00



	Useful dimensions
Length mm	4000
Width mm	1200
Height mm	800

Technical Data

Sanding prep. station consists of a suction box complete with filters.

Suction box made of galvanized metal sheet with frontal suction.

Glass fiber + synthetic fiber **filters**.

Exhaust unit with double suction centrifugal fan and 5,5 kw motor, placed on the suction box.

Double sector pocket filters placed inside the exhaust unit.

Air flow 16.000 m³/h.

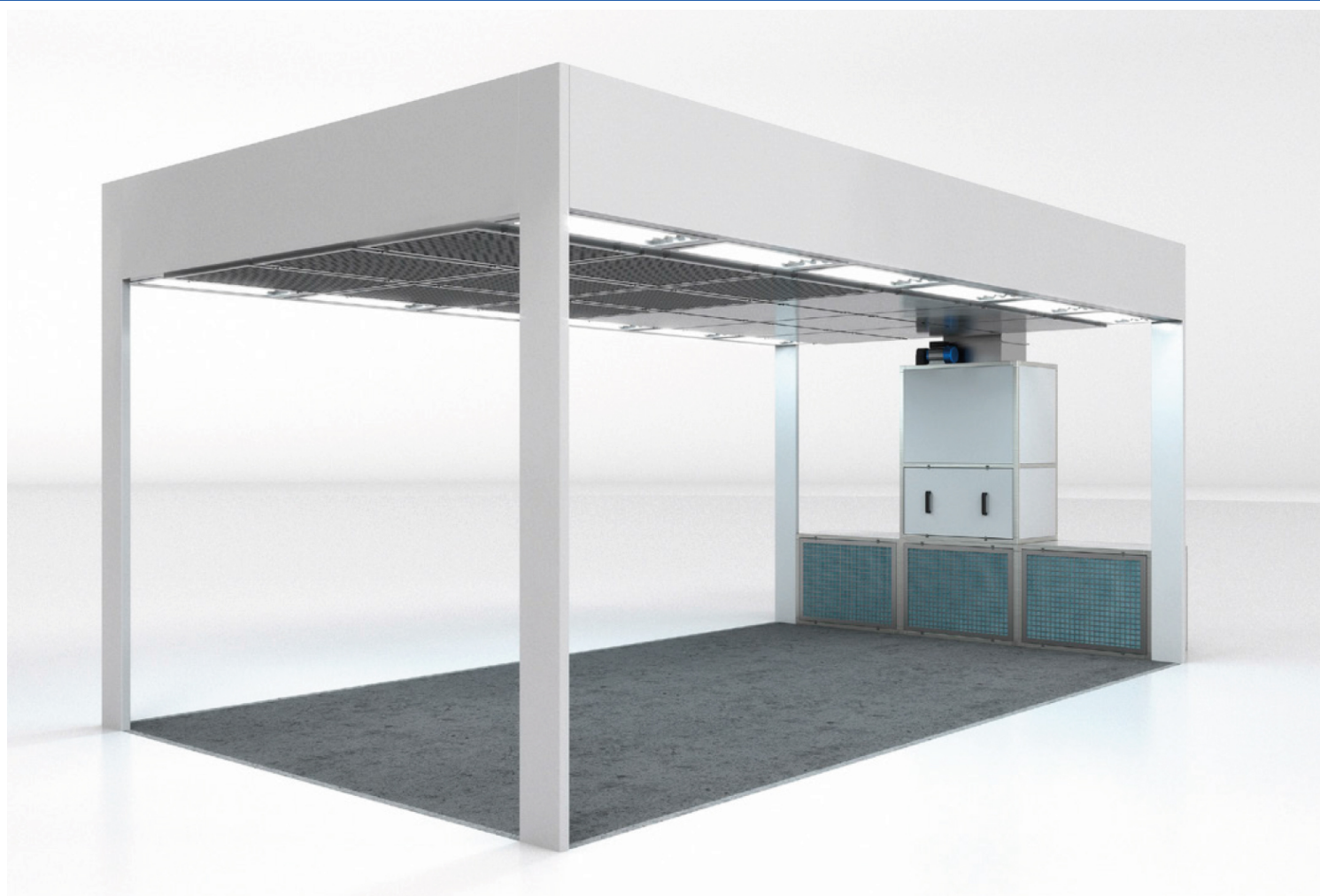
Air-outlet regulation damper with manual control.

ON/OFF electromechanical **control panel** with thermal-magnetic circuit breaker.

PRICE 5.100,00 euro

ALUMINUM 72 WITH FILTERING PLENUM

Cod. ZPALU72P



Useful dimensions

Length mm	7200
Width mm	4000
Height mm	2800

Technical Data

Sanding prep. station consists of a suction box complete with filters.

Suction box made of galvanized metal sheet with frontal suction.

Glass fiber + synthetic fiber **filters**.

Filtering plenum to cover the operational area, equipped with 6+6 light fixtures containing 4 x fluorescent bulbs (30 W each one); motorized by-pass to recycle or total air expulsion. Support structure with columns and load-bearing beams painted white.

Exhaust unit with double suction centrifugal fan and 5,5 kw motor, placed on the suction box.

Double sector pocket filters placed inside the exhaust unit.

Air flow 16.000 m³/h.

Air-outlet regulation damper with manual control.

ON/OFF electromechanical **control panel** with thermal-magnetic circuit breaker.

PRICE 13.200,00 euro



Useful dimensions	
Length mm	6000
Width mm	4000
Height mm	2800

Technical Data

Sanding prep station consists of a suction box complete with filters.

Suction box made of galvanized metal sheet with frontal suction.

Glass fiber + synthetic fiber **filters**.

Filtering plenum to cover the operational area, equipped with 5+5 light fixtures containing 4 x fluorescent bulbs (30 W each one); motorized by-pass to recycle or total air expulsion. Support structure with columns and load-bearing beams painted white.

Exhaust unit with double suction centrifugal fan and 5,5 kw motor, placed on the suction box.

Double sector pocket filters placed inside the exhaust unit.

Air flow 16.000 m³/h.

Air-outlet regulation damper with manual control.

ON/OFF electromechanical **control panel** with thermal-magnetic circuit breaker.

PRICE 11.800,00 euro

PAINTING PLANTS

Aluminum/Aluminum 72-60/ Aluminum 72-60 with filtering plenum options

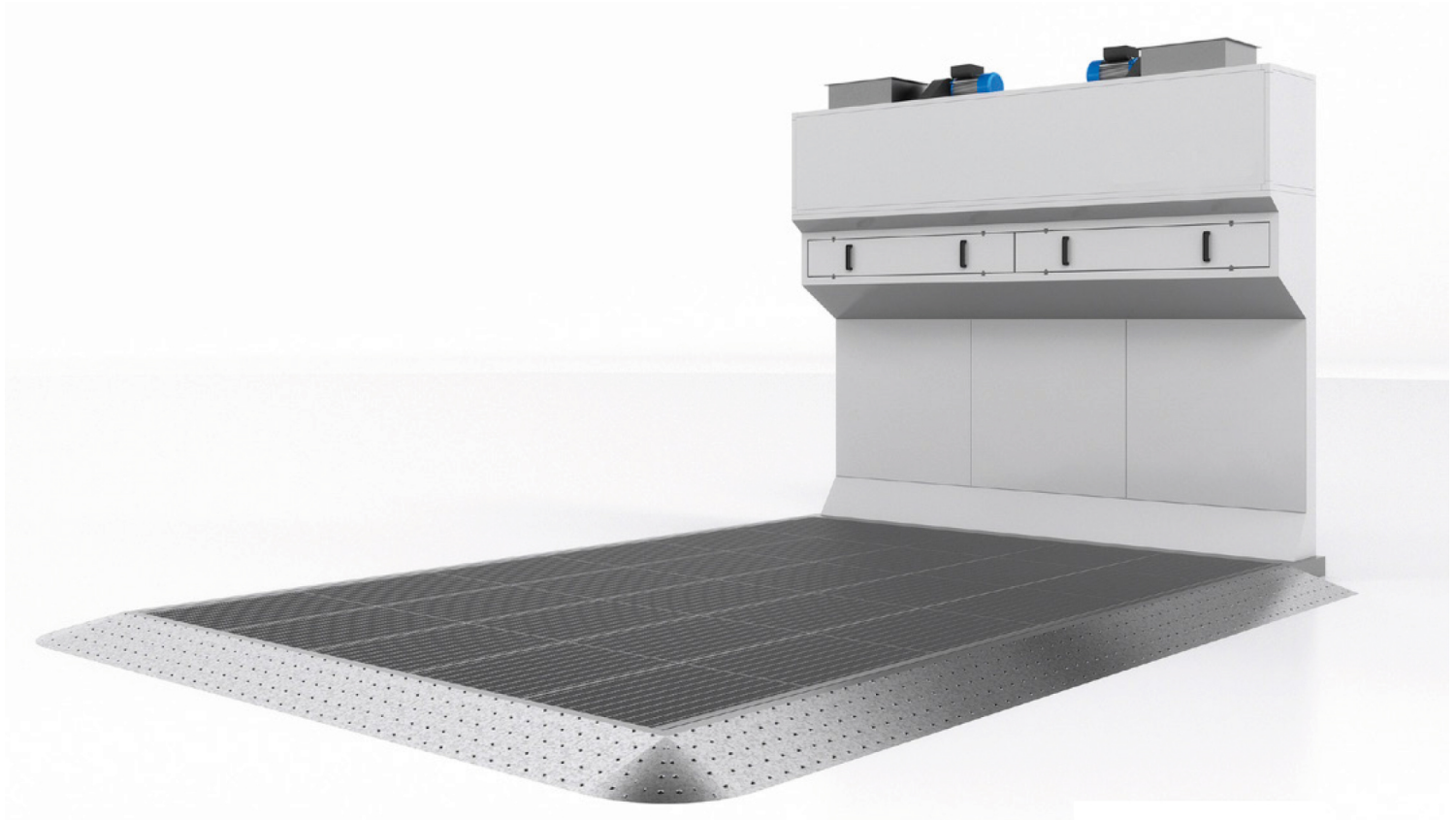
OPTZPALU001 Price difference for double filtration through andreae filters	€	600,00
OPTZPALU002 Price deduction for pocket filters	€	(-) 350,00
OPTZPALU003 Price difference for suction box with filtering section extension mt/l	€	350,00



OPTZPALU004 Price difference for plenum with suction boxes made of galvanized metal sheet 1000 x 7200 x h. 600 mm equipped with filters and motorized by-pass (ALUMINUM 72 WITH FILTERING PLENUM version)	€	(-) 2.400,00
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OPTZPALU005 Price difference for plenum with suction boxes made of galvanized metal sheet 1000 x 6000 x h. 600 mm equipped with filters and motorized by-pass (ALUMINUM 60 WITH FILTERING PLENUM version)	€	(-) 1.800,00
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	Useful dimensions
Length mm	6600
Width mm	4000
Height mm	2800

Technical Data

Raised metal base totally gridded -grid capacity 720 kg/wheel.

Paint stop filters under grid, placed in metal frames with progressive openings.

Internal planking level only 13 cm with internal access ramp.

Rear air exhaust and filtering module with reduced amount of space.

Exhaust unit equipped with pocket filters, double suction centrifugal fans and 5,5+5,5 kw motors, placed on the rear part of the module.

Air-outlet filters inside handy extractable boxes placed on the rear module.

Air flow 18.000 m³/h.

ON/OFF electromechanical **control panel** with thermal-magnetic circuit breaker.

PRICE 14.500,00 euro

PAINTING PLANTS

Steel options

OPTZPST001 Price difference for filtering plenum to cover the operational area, equipped with 5+5 light fixtures containing 4xfluorescent bulbs (30 W each one); air supply unit with double suction centrifugal fan and motor 5,5 kw. Support structure with columns and load-bearing beams painted white.	€ 7.650,00
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OPTZPST002 Price difference for heating through single stage oil burner 140 kw + stainless steel heat exchanger	€ 2.300,00
OPTZPST003 Price difference for heating through single stage gas burner 140 kw + stainless steel heat exchanger	€ 3.900,00
OPTZPST004 Price difference for heating through premixed gas burner 150 kw	€ 4.600,00
OPTZPST005 Price difference for heating through hot water battery supply unit	€ 4.200,00
OPTZPST006 Difference for EI 120 damper	€ 1.000,00
OPTZPST007 Price difference for side panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€ 2.160,00
OPTZPST008 Price difference for rear panel made of galvanized double metal sheet pre-painted white and insulated with rock wool	€ 1.500,00
OPTZPST009 Price difference for manual side curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€ 840,00
OPTZPST010 Price difference for manual front curtain (horizontal opening), in self-extinguishing PVC. The curtain is white with a transparent screen	€ 500,00
OPTZPST011 Price difference for motorized curtain (vertical opening) with "Dead man's switch"	€ 600,00
OPTZPST012 Price difference for opening (600 mm) on rear panel with filtering cartridges arranged for activated carbon addition	€ 2.800,00
OPTZPST013 Price difference for valance equipped with 2xfrontal columns and arranged for PVC curtains	€ 3.400,00

OPTIONS COMMON TO ALL PREP. STATIONS



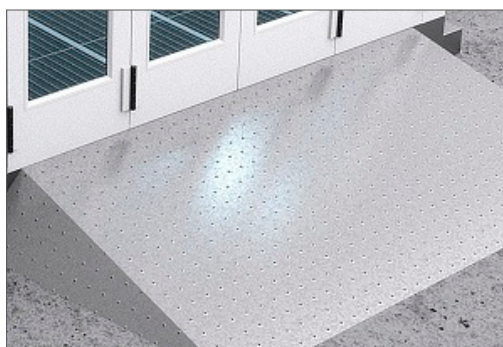
OPTZP001 Internal pneumatic ramp
Dimensions: 2.400 x 3.000 mm

€ 3.500,00



OPTZP002 Internal fixed ramp 2.400 mm length x total width

€ 1.300,00



OPTZP003 External access ramp x total width.
Dimensions: 2.400 x 3.000 mm

€ 1.500,00



OPTZP004 Corner lamps 4x fluorescent bulbs each one

€ 480,00

OPTZP005 Corner lamps 2x fluorescent bulbs each one

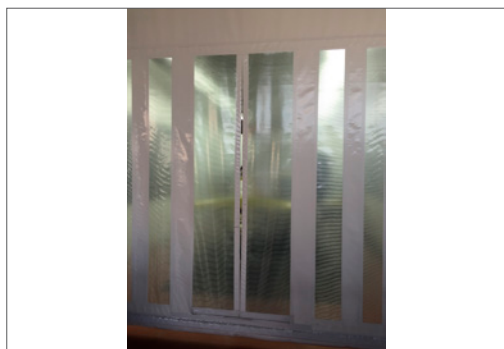
€ 380,00



OPTZP006 Personnel door. Dimensions: 900 x h. 2.100 mm

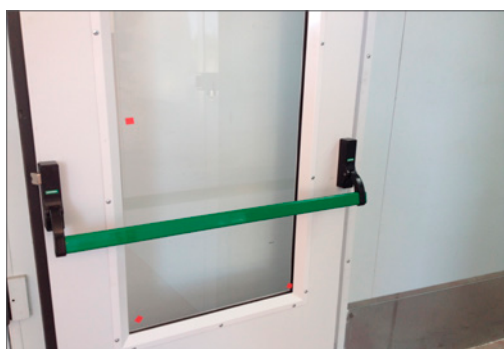
€ 1.100,00

PAINTING PLANTS



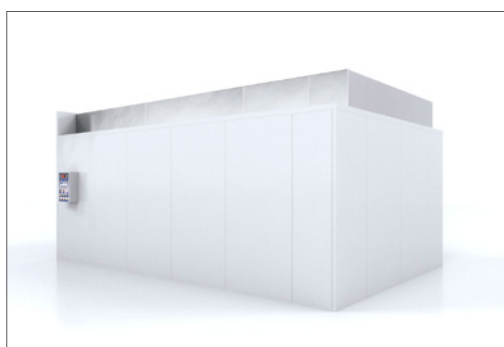
OPTZP007 Personnel door on curtain.
Dimensions: 900 x h. 2.100 mm

€ 620,00



OPTZP008
Panic push bar on personnel door

€ 200,00



OPTZP009
Height increase each 300 mm

€ 900,00



OPTZP010 Valance to support curtain 50 x h. 500, brackets
excluded/m lin.

€ 150,00

OPTZP011 Valance to support curtain to fasten to the ceiling;
brackets and leads included.

€ 180,00



OPTZP012 Tubular support columns
up to h. 4.500 mm max. each one

€ 380,00

OPTZP013 White metal sheet support columns up
to h. 4.500 mm max. each one

€ 580,00

OPTIONS COMMON TO ALL PREP. STATIONS



OPTZP014 Manual curtain (horizontal opening)
h. max. 3,5 m /m²

€ 55,00



OPTZP015 curtain motor with "Dead man's switch"

€ 740,00



OPTZP016 Cupboard with shelves recessed into the panel,
dim. 1.200 x 300 x h 2000 mm

€ 580,00

OPTZP017 Cupboard with shelves recessed into the panel,
dim. 600 x 300 x h. 2000 mm

€ 400,00

OPTZP018 Cupboard with shelves recessed into the panel,
dim. 1.200 x 300 x h. 1.000 mm

€ 320,00

OPTZP019 Cupboard with shelves recessed into the panel,
dim. 600 x 300 x h. 1.000 mm

€ 250,00

OPTZP020 Cupboard with shelves recessed into the panel,
dim. 1.000 x 300 x h. 2.000 mm

€ 680,00



OPTZP021

Opening on side panel to recess dust suction column

€ 450,00



OPTZP022 Front and rear beam for double prep. station without central column (only installations with plenum) € 1.600,00

OPTZP023 Front and rear beam for triple prep. station without central column (only installations with plenum) € 2.400,00



OPTZP024 Rear panel equipped with 2xcupboards € 1.800,00

OPTZP025 Side panel equipped with 4xcupboards (7200 mm length) € 5.300,00

OPTZP026 Side panel equipped with 3xcupboards (6000 mm length) € 4.550,00

OPTZP027 Stainless steel panel equipped with 2xcupboard € 5.600,00



OPTZP028 Custom-tailored panel made of galvanized metal sheet pre-painted white. h max. 3 meters (anchoring structure /m² not included) € 75,00

OPTZP029 Custom-tailored panel manufactured in galvanized double metal sheet pre-painted white and insulated with rock wool h max. 3 meters, (anchoring structure /m² not included) € 120,00

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Technical Data

Modular side panels made of galvanized steel.

Double veil and gutter for water to slide made of galvanized and polished white steel.

Water collect tank, made of black painted metal sheet.

Double frontal filtration composed of glass fiber filters.

Anti-spark **electric aspirator**.

Electrical pump without the support of mechanical seals with impeller and external motor.

Lighting through light fixtures according to ATEX directive.

Pressure switch to signal saturated filters to signal obstructed filters.

Hopper to connect with the exhaust ducts.

Electromechanical control board with low-voltage controls (IP55).

Water painting booth with double veil dimensions

Model	Dimensions (mm)	Aspirator Number	Air flow and kw electro-aspirator	Pump power		
r3 2A	2080 x 2000 x 2370 1x light fixture 36 W	1	7.500 m³/h 1,5 kw	1,1 kw	€	10.400,00
r3 3A	3080x 2000 x 2370 1x light fixture 36 W	1	10.800 m³/h 2,2 kw	1,1 kw	€	11.800,00
r3 4A	4080 x 2000 x 2370 2x light fixtures 36 W	1	14.000 m³/h 4 kw	1,1 kw	€	13.800,00
r3 5A	5080 x 2000 x 2370 2x light fixtures 36 W	2	16.000 m³/h 2 x 1,5 kw	1,5 kw	€	17.500,00
r3 6A	6080 x 2000 x 2370 3x light fixtures 36 W	2	20.600 m³/h 2 x 3 kw	2,2 kw	€	19.800,00



Technical Data

Modular side panels made of galvanized steel.

Frontal filtration composed of two rows of ANDREAE filters.

Electric suction fan with high-prevalence.

Lighting through light fixtures containing 4x fluorescent bulbs 30 W each one.

220/380/50 Volt.

Electromechanical control board with low-voltage controls (IP 55).

Dry booth dimensions

Model	Dimensions (mm)	Filtering surface m ²	Air flow and electrical suction fan	
Dry 1228	1000 x 2000 x h. 2800 1x light fixture 4TL 30W each one	1.6	7.000 m ³ /h 3 kw	€ 4.280,00
Dry 2228	2000 x 2000 x h. 2800 1x light fixture 4TL 30W each one	3.2	10.000 m ³ /h 4 kw	€ 5.360,00
Dry 3228	3000 x 2000 x h. 2800 2x light fixtures 30W each one	5.4	14.000 m ³ /h 5,5 kw	€ 6.350,00
Dry 4228	4000 x 2000 x h. 2800 2x light fixtures 30W each one	7.2	18.000 m ³ /h 2x4 kw	€ 7.450,00
Dry 5228	5000 x 2000 x h. 2800 3 x light fixtures 30W each one	9	22.000 m ³ /h 2 x 5,5 kw	€ 9.100,00

PAINTING PLANTS

Dry booth options

PRICE DIFFERENCE FOR ADDITIONAL BOXES WITH EXTRA PAINT STOP FILTRATION

Model	Filters number	Dimensions 900 x 900x h.60		
Dry 1228	1		€	400,00
Dry 2228	2		€	800,00
Dry 3228	3		€	1.200,00
Dry 4228	4		€	1.600,00
Dry 5228	4		€	2.000,00

PRICE DIFFERENCE FOR ACTIVATED CARBON ADDITION

Model			
Dry 1228		€	1.150,00
Dry 2228		€	1.450,00
Dry 3228		€	1.950,00
Dry 4228		€	2.350,00
Dry 5228		€	2.950,00

PRICE DIFFERENCE FOR WIDTH INCREASE EACH 500 MM

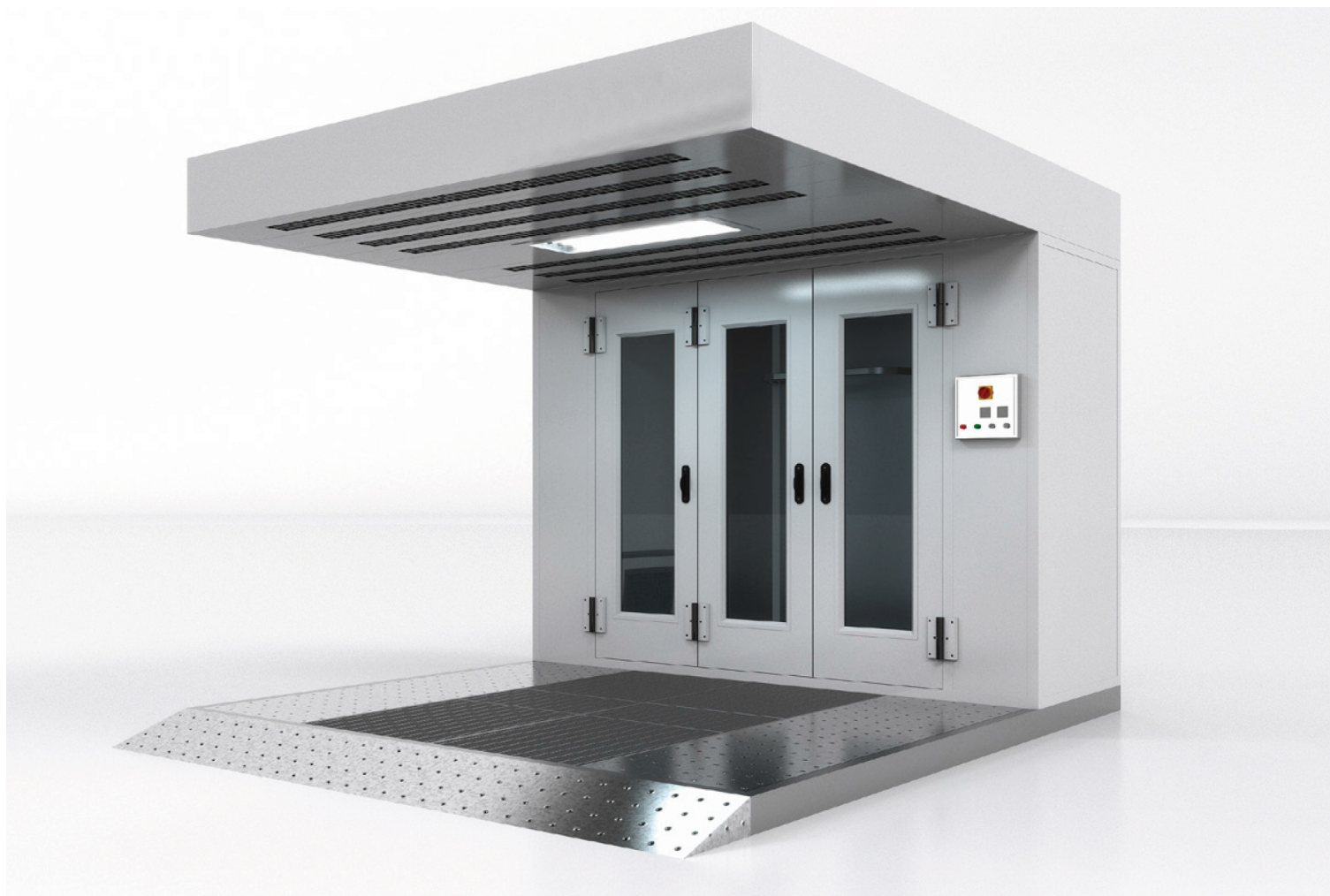
Model			
Dry 1228		€	200,00
Dry 2228		€	400,00
Dry 3228		€	600,00
Dry 4228		€	800,00
Dry 5228		€	1.000,00

PRICE DIFFERENCE FOR ADAPTATION TO ATEX STANDARDS

Model			
Dry 1228		€	1.700,00
Dry 2228		€	1.700,00
Dry 3228		€	2.500,00
Dry 4228		€	3.300,00
Dry 5228		€	3.600,00

OPTD005

PRICE DIFFERENCE FOR PRESSURE SWITCH TO SIGNAL SATURATED FILTERS	€	110,00
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Technical Data

Front part designed for painting small components.

Metal base totally gridded with "paint stop" filters.

Manual sliding PVC curtains.

Filtering plenum.

Lighting through light fixtures containing 4xfluorescent bulbs 30 W each one.

Little rear booth designed for drying operations, equipped with 3-wing front door containing each one a large safety glass window, 4xcatalytic panels and infrared technology fueled by LPG/methane.

Gas detector.

Electromechanical control board.

Minitech area plus dimensions

Model	Painting area dimensions (mm)	Drying booth dimensions (mm)	Air flow and kw electrical suction fan	
MINITECH PLUS	3000x2500x2450 1x light fixture 4 TL 30W	3.000 x 1.150 x 2.450	6000 m ³ /h 2 x 2,2 kw	€ 16.000,00



Technical Data

Little rear booth designed for drying operations, equipped with 3-wing front door containing each one a large safety glass window, 4xcatalytic panels and infrared technology fueled by LPG/methane.

Gas detector.

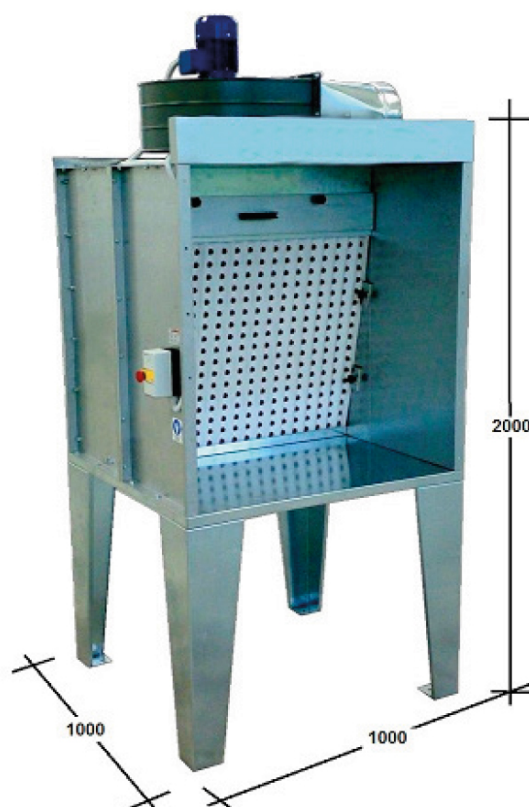
Electromechanical control board.

Minitech oven dimensions

Model	Dimensions (mm)	
MINITECH	3000 x 1150 x 2450	€ 11.000,00

Minitech Area Plus & Minitech oven options

OPTMT001 Price difference for oven equipped with wheels	€ 1.200,00
OPTMT002 Price difference for 3xendothermic panels (3 kw)	€ 1.600,00
OPTMT003 Price difference for carbons with 4 cartridges (50 kg)	€ 800,00



Technical Data

Galvanized metal sheet structure.

Stainless steel working table equipped with front suction section.

Side panels to convey the evaporating volatile substances.

Connection through inlet air duct.

Electric suction fan placed on the upper part.

Double filtration composed of ANDREAE filters.

Box equipped with "paint stop" filters.

Lighting through light fixtures containing 2x fluorescent bulbs 18 W each one.

Electromechanical **control panel** with delayed light starting and bound to ventilation.

Hood little adjustments dimensions

Model	Dimensions (mm)	Air flow and kw electric suction fan	
r3 PR	1000 x 1000 x h. 2000	2.500 m ³ /h 0,55 kw	€ 3.400,00

PAINTING PLANTS

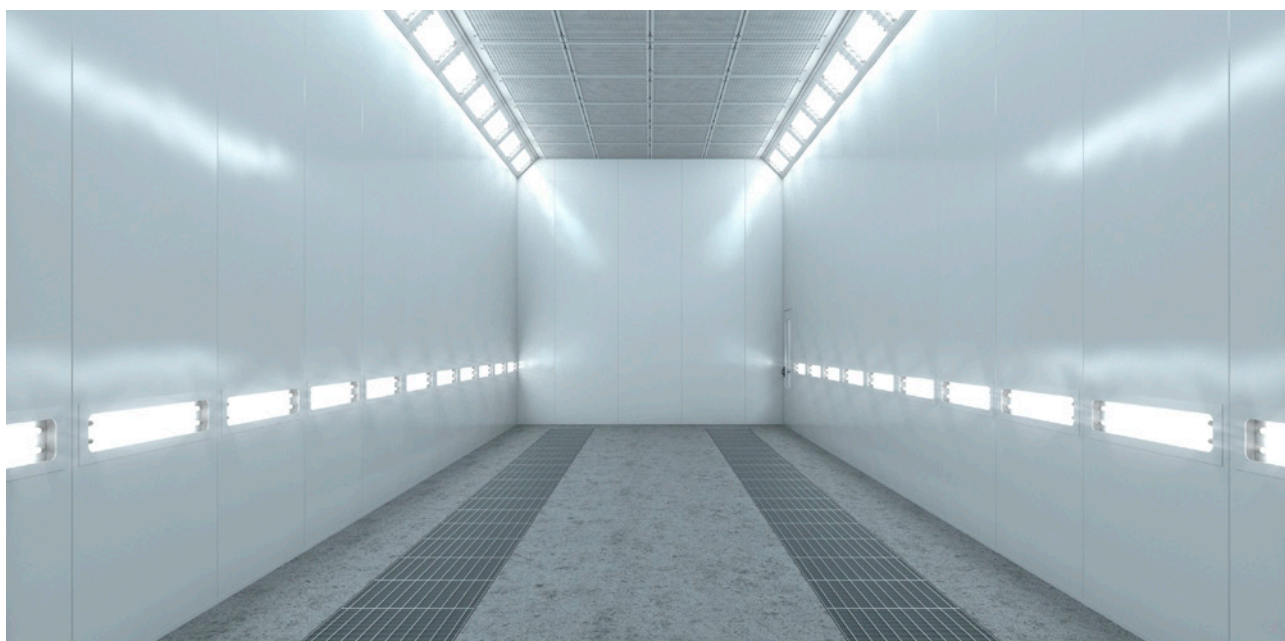
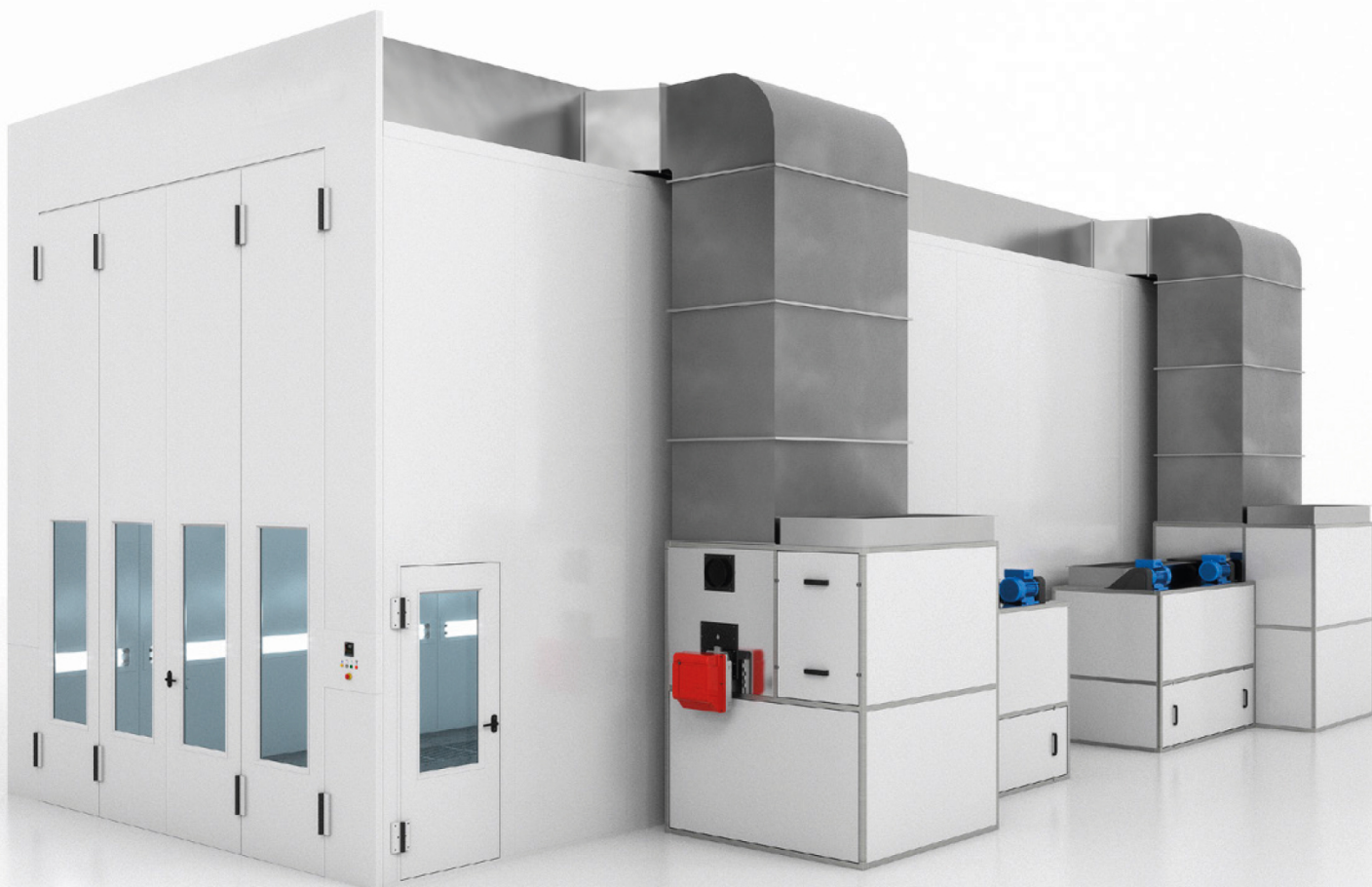
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PAINTING PLANTS

INDUSTRIAL SPRAY BOOTHS



	Useful dimensions	External dimensions
Length mm	21650	21780
Width mm	5000	5120
Height mm	5000	5950

Technical Data

Grid kit for masonry works made of 2 rows of galvanized grids -grid capacity 3.000 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

4-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (80 mm thickness). One door can be used as personnel door. Overall door dimensions: 4.000 x h. 4.500 mm.

Personnel door (3 pcs.) on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fibre V500.

Lighting through 18+18 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit (3 pcs) equipped with stainless steel heat exchanger, two-stage oil burner 230 kw, double suction centrifugal fan and 9,2 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit (3 pcs) with pocket filters, double suction centrifugal fan and 9,2 kw motor.

Air flow 78.000 m³/h.

Motorized bypass painting/drying phases.

Electromechanical **control panel**.

PRICE 135.000,00 euro

PAINTING PLANTS

Modular 21 options

OPTMD21001	Price difference for useful booth width from 5 to 5,5 meters; front door dimensions do not change.	€	9.000,00
OPTMD21002	Price difference for useful booth width from 5 to 6 meters; front door dimensions do not change	€	21.700,00
OPTMD21003	Price difference for useful booth height from 5 to 6 meters; front door dimensions do not change	€	10.800,00
OPTMD21004	Price difference for central third row of grid equipped with "paint stop" filters under grid	€	12.600,00
OPTMD21005	Price difference for lower lighting mounted into the side panels, 2 TL 30 Watt each one	€	6.400,00
OPTMD21006	Price difference for lower lighting mounted into the side panels, 4 TL 30 Watt each one	€	8.600,00
OPTMD21007	Price difference for two-stage gas burner (3 pcs)	€	9.200,00
OPTMD21008	Price difference for EI 120 fire damper (3 pcs)	€	5.200,00
OPTMD21009	Price difference for adapting booth to be located outdoors	€	28.000,00
OPTMD21010	Price difference for roof covering	€	33.000,00
OPTMD21011	Price difference for total recycle system (drying phase)	€	4.800,00
OPTMD21012	Price difference for control panel with inverter	€	21.600,00
OPTMD21013	Price deduction for exhaust units without filters	€	(-) 3.300,00
OPTMD21014	Exhaust units deduction	€	(-) 9.300,00
OPTMD21015	Price deduction for panels insulated with polyurethane foam (doors included)	€	(-) 17.000,00

	Useful dimensions	External dimensions
Length mm	18050	18200
Width mm	5000	5120
Height mm	5000	5950

Technical Data

Grid kit for masonry works made of 2 rows of galvanized grids -grid capacity 3.000 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

4-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (80 mm thickness). One door can be used as personnel door. Overall door dimensions: 4.000 x h. 4.500 mm.

Personnel door (2 pcs.) on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fibre V500.

Lighting through 15+15 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4 x fluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit (2 pcs) equipped with stainless steel heat exchanger, two-stage oil burner 280 kw, double suction centrifugal fan and 15 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit (2 pcs) with pocket filters, double suction centrifugal fan and 15 kw motor.

Air flow 65.000 m³/h.

Motorized bypass painting/drying phases.

Electromechanical control panel.

PRICE 112.000,00 euro

PAINTING PLANTS

Modular 18 options

OPTMD18001	Price difference for useful booth width from 5 to 5,5 meters; front door dimensions do not change	€	7.500,00
OPTMD18002	Price difference for useful booth width from 5 to 6 meters; front door dimensions do not change	€	19.000,00
OPTMD18003	Price difference for useful booth height from 5 to 6 meters; front door dimensions do not change	€	9.000,00
OPTMD18004	Price difference for central third row of grid equipped with "paint stop" filters under grid	€	10.500,00
OPTMD18005	Price difference for lower lighting mounted into the side panels, 2 TL 30 Watt each one	€	5.200,00
OPTMD18006	price difference for lower lighting mounted into the side panels, 4 TL 30 Watt each one	€	7.200,00
OPTMD18007	Price difference for two-stage gas burners (2 pcs)	€	6.100,00
OPTMD18008	Price difference for EI 120 fire dampers (2 pcs)	€	3.500,00
OPTMD18009	Price difference for adapting booth to be located outdoors	€	22.500,00
OPTMD18010	Price difference for roof covering	€	27.000,00
OPTMD18011	Price difference for total recycle system (drying phase)	€	3.200,00
OPTMD18012	Price difference for control panel with inverter	€	14.400,00
OPTMD18013	Price deduction for exhaust units without filters	€	(-) 2.200,00
OPTMD18014	Exhaust units deduction	€	(-) 6.200,00
OPTMD18015	Price deduction for panels insulated with polyurethane foam (doors included)	€	(-) 14.000,00

	Useful dimensions	External dimensions
Length mm	15600	15720
Width mm	5000	5120
Height mm	5000	5950

Technical Data

Grid kit for masonry works made of 2 rows of galvanized grids -grid capacity 3.000 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

4-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (80 mm thickness). One door can be used as personnel door. Overall door dimensions: 4.000 x h. 4.500 mm.

Personnel door (2 pcs.) on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fibre V500.

Lighting through 13+13 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit (2 pcs) equipped with stainless steel heat exchanger, two-stage oil burner 230 kw, double suction centrifugal fan and 11 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit (2 pcs) with pocket filters, double suction centrifugal fan and 11 kw motor.

Air flow 58.000 m³/h.

Motorized bypass painting/drying phases.

Electromechanical control panel.

PRICE 97.000,00 euro

PAINTING PLANTS

Modular 15 options

OPTMD15001	Price difference for useful booth width from 5 to 5,5 meters; front door dimensions do not change	€	6.500,00
OPTMD15002	Price difference for useful booth width from 5 to 6 meters; front door dimensions do not change	€	18.720,00
OPTMD15003	Price difference for useful booth height from 5 to 6 meters; front door dimensions do not change	€	7.800,00
OPTMD15004	Price difference for central third row of grid equipped with "paint stop" filters under grid	€	9.100,00
OPTMD15005	Price difference for lower lighting mounted into the side panels, 2 TL 30 WATT each one	€	4.500,00
OPTMD15006	Price difference for lower lighting mounted into the side panels, 4 TL 30 WATT each one	€	6.250,00
OPTMD15007	Price difference for two-stage gas burners 230 kw (2 pcs)	€	6.100,00
OPTMD15008	Price difference for EI 120 fire dampers (2 pcs)	€	3.500,00
OPTMD15009	Price difference for adapting booth to be located outdoors	€	19.500,00
OPTMD15010	Price difference for roof covering	€	23.500,00
OPTMD15011	Price difference for total recycle system (drying phase)	€	3.200,00
OPTMD15012	Price difference for control panel with inverter	€	10.400,00
OPTMD15013	Price deduction for exhaust units without filters	€	(-) 2.200,00
OPTMD15014	Exhaust units deduction	€	(-) 6.200,00
OPTMD15015	Price deduction for panels insulated with polyurethane foam (doors included)	€	(-) 12.000,00

	Useful dimensions	External dimensions
Length mm	12000	12120
Width mm	5000	5120
Height mm	5000	5950

Technical Data

Grid kit for masonry works made of 2 rows of galvanized grids -grid capacity 3.000 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

4-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (80 mm thickness). One door can be used as personnel door. Overall door dimensions: 4.000 x h. 4.500 mm.

Personnel door (2 pcs.) on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fibre V500.

Lighting through 10+10 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit equipped with stainless steel heat exchanger, two-stage oil burner 390 kw, double suction centrifugal fans and 7,5 +7,5 kw motors.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit with pocket filters, double suction centrifugal fans and 7,5 +7,5 kw motors.

Air flow 44.000 m³/h.

Motorized bypass painting/drying phases.

Electromechanical control panel.

PRICE 82.000,00 euro

PAINTING PLANTS

Modular 12 Options

OPTMD12001	Price difference for useful booth width from 5 to 5,5 meters; front door dimensions do not change	€	5.000,00
OPTMD12002	Price difference for useful booth width from 5 to 6 meters; front door dimensions unchanged	€	12.000,00
OPTMD12003	Price difference for useful booth height from 5 to 6 meters; front door dimensions do not change	€	6.000,00
OPTMD12004	Price difference for central third row of grid equipped with "paint stop" filters under grid	€	7.000,00
OPTMD12005	Price difference for lower lighting mounted into the side panels, 2 TL 30 WATT each one	€	3.500,00
OPTMD12006	Price difference for lower lighting mounted into the side panels, 4 TL 30 WATT each one	€	4.800,00
OPTMD12007	Price difference for two-stage gas burner	€	3.300,00
OPTMD12008	Price difference for EI 120 fire damper	€	2.500,00
OPTMD12009	Price difference for adapting booth to be located outdoors	€	15.000,00
OPTMD12010	Price difference for roof covering	€	18.000,00
OPTMD12011	Difference for total recycle system (drying phase)	€	1.900,00
OPTMD12012	Price difference for control panel with inverter	€	7.200,00
OPTMD12013	Price deduction for exhaust unit without filters	€	(-) 1.700,00
OPTMD12014	Exhaust unit deduction	€	(-) 4.200,00
OPTMD12015	Price deduction for panels insulated with polyurethane foam, (doors included)	€	(-) 8.700,00

	Useful dimensions	External dimensions
Length mm	9600	9720
Width mm	5000	5120
Height mm	5000	5950

Technical Data

Grid kit for masonry works made of 2 rows of galvanized grids -grid capacity 3.000 kg/wheel-, equipped with "paint-stop" filters under grid, placed in special metal frames with variable profile.

4-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (80 mm thickness). One door can be used as personnel door. Overall door dimensions: 4.000 x h. 4.500 mm.

Personnel door on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with rock wool (52 mm thickness).

Filtering plenum containing ceiling filters in polyester fibre V500.

Lighting through 8+8 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4 x fluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit equipped with stainless steel heat exchanger, two-stage oil burner 300 kw, double suction centrifugal fan and 11 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit with pocket filters, double suction centrifugal fan and 11 kw motor.

Air flow 35.000 m³/h.

Motorized bypass painting/drying phases.

Electromechanical control panel.

PRICE 64.000,00 euro

PAINTING PLANTS

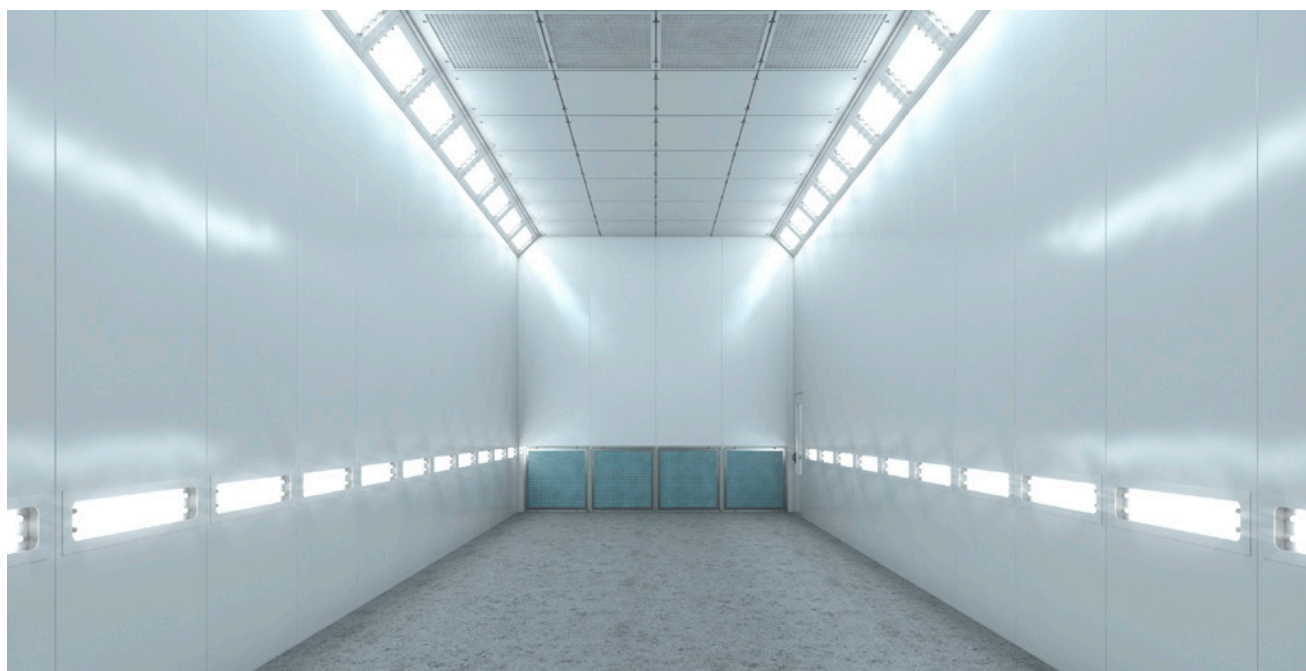
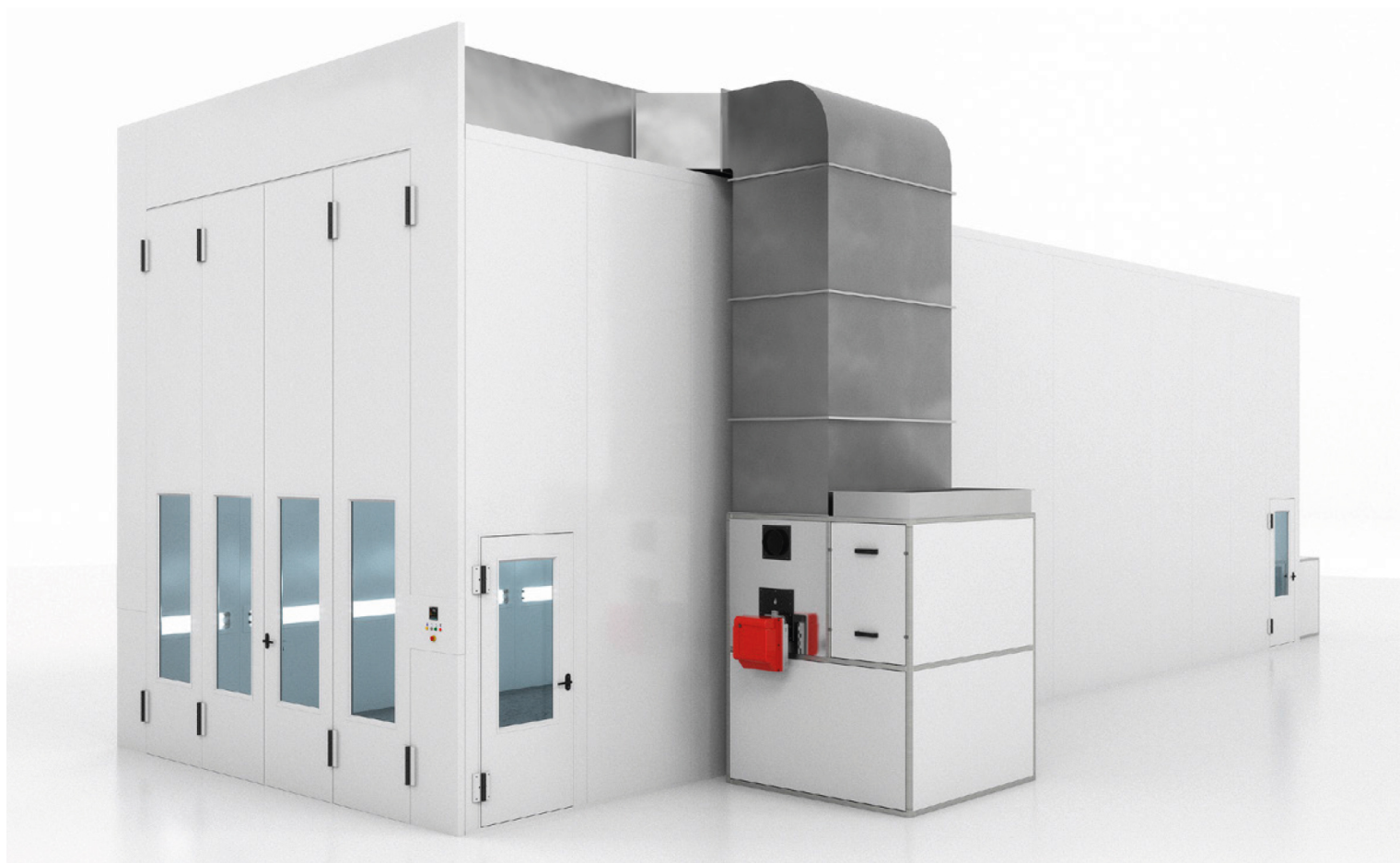
Modular 96 options

OPTMD96001	Price difference for useful booth width from 5 to 5,5 meters; front door dimensions do not change	€	4.000,00
OPTMD96002	Price difference for useful booth width from 5 to 6 meters; front door dimensions do not change	€	9.600,00
OPTMD96003	Price difference for useful booth height from 5 to 6 meters; front door dimensions do not change	€	4.800,00
OPTMD96004	Price difference for central third row of grid equipped with "paint stop" filters under grid	€	5.600,00
OPTMD96005	Price difference for lower lighting mounted into the side panels, 2 TL 30 WATT each one	€	2.800,00
OPTMD96006	Price difference for lower lighting mounted into the side panels, 4 TL 30 WATT each one	€	3.800,00
OPTMD96007	Price difference for two-stage gas burner	€	3.300,00
OPTMD96008	Price difference for EI 120 fire damper	€	2.500,00
OPTMD96009	Price difference for adapting booth to be located outdoors	€	12.000,00
OPTMD96010	Price difference for roof covering	€	14.400,00
OPTMD96011	Price difference for total recycle system (drying phase)	€	1.900,00
OPTMD96012	Price difference for control panel with inverter	€	5.200,00
OPTMD96013	Price deduction for exhaust unit without filters	€	(-) 1.200,00
OPTMD96014	Exhaust units deduction	€	(-) 3.250,00
OPTMD96015	Price deduction for panels insulated with polyurethane foam (doors included)	€	(-) 6.800,00

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PAINTING PLANTS

SEMI DOWN DRAFT INDUSTRIAL SPRAY BOOTHS



	Useful dimensions	External dimensions
Length mm	15600	15720
Width mm	5000	5120
Height mm	5000	5800

Technical Data

Semi down-draft ventilation coming from the roof covering and direct towards the rear wall.

Rear suction wall equipped with “paint stop filters”.

4-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (80 mm thickness). One door can be used as personnel door. Overall door dimensions: 4.000 x h. 4.500 mm.

Personnel door (2 pcs.) on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with polyurethane foam (50 mm thickness).

Covering roof with half filtering section containing ceiling filters in polyester fiber V500.

Lighting through 13+13 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit equipped with stainless steel heat exchanger, two-stage oil burner 160 kw, double suction centrifugal fan and 5,5 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit with pocket filters, double suction centrifugal fan and 5,5 kw motor.

Air flow 18.000 m³/h.

Electromechanical control panel.

PRICE 75.000,00 euro

	Useful dimensions	External dimensions
Length mm	12000	12120
Width mm	5000	5120
Height mm	5000	5800

Technical Data

Semi down-draft ventilation coming from the roof covering and direct towards the rear wall.

Rear suction wall equipped with "paint stop filters".

4-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (80 mm thickness). One door can be used as personnel door. Overall door dimensions: 4.000 x h. 4.500 mm.

Personnel door (2 pcs.) on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with polyurethane foam (50 mm thickness).

Covering roof with half filtering section containing ceiling filters in polyester fiber V500.

Lighting through 10+10 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit equipped with stainless steel heat exchanger, two-stage oil burner 160 kw, double suction centrifugal fan and 5,5 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit with pocket filters, double suction centrifugal fan and 5,5 kw motor.

Air flow 18.000 m³/h.

Electromechanical control panel.

PRICE 61.500,00 euro

	Useful dimensions	External dimensions
Length mm	9600	9720
Width mm	5000	5120
Height mm	5000	5800

Technical Data

Semi down-draft ventilation coming from the roof covering and direct towards the rear wall.

Rear suction wall equipped with “paint stop filters”.

4-wing entry door containing each one a large safety glass window, pre-painted white and insulated with rock wool (80 mm thickness). One door can be used as personnel door. Overall door dimensions: 4.000 x h. 4.500 mm.

Personnel door on side or rear panel with push opening (latch). Overall door dimensions 900 x h. 2.100 mm.

Side and rear panels pre-painted white and insulated with polyurethane foam (50 mm thickness).

Covering roof with half filtering section containing ceiling filters in polyester fiber V500.

Lighting through 8+8 light fixtures placed in each side of the filtering ceiling system, inclined towards the centre of the booth, containing 4xfluorescent bulbs (30 W each one), equipped with electronic reactors.

Air supply generator unit equipped with stainless steel heat exchanger, two-stage oil burner 160 kw, double suction centrifugal fan and 5,5 kw motor.

Connecting plenum ducts with the air supply generator unit.

Exhaust unit with pocket filters, double suction centrifugal fan and 5,5 kw motor.

Air flow 18.000 m³/h.

Electromechanical control panel.

PRICE 53.500,00 euro

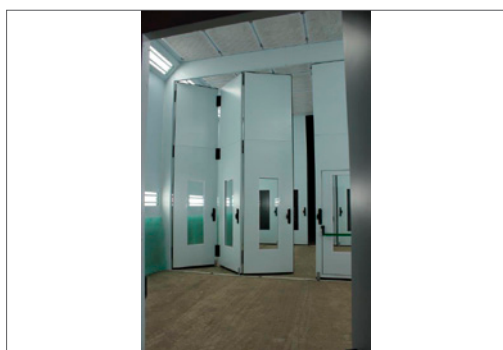
OPTIONS COMMON TO ALL INDUSTRIAL SPRAY BOOTHS

OPTIONS COMMONS TO ALL INDUSTRIAL SPRAY BOOTHS

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OPTCI001 Second exit door instead of the rear panel.
(drive-through configuration) Dimensions 4.000 x h. 4500 mm € 9.870,00



OPTCI002 Central door to separate the booth
in two sections € 12.500,00



OPTCI003 Motorized rolling door placed in the front part
of the booth € 14.770,00

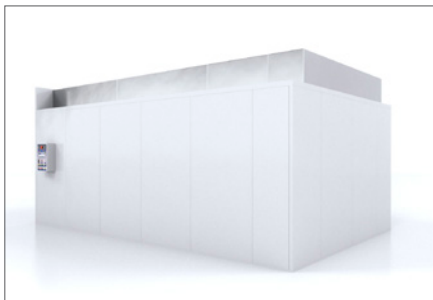


OPTCI004
Personnel door. Dimensions: 900 x h. 2.100 mm € 1.100,00



OPTCI005 Aspiration through side suction boxes
with double filtration mt/l € 600,00

PAINTING PLANTS



OPTCI006 Booth extension each 1200 mm
(max. 5000x5000 mm)

€ 5.400,00



OPTCI007 Pressure gauge magnehelic for internal pressure
monitoring, mounted on the control panel

€ 310,00



OPTCI008 KIMO pressure gauge for internal
pressure monitoring

€ 160,00



OPTCI009 Pressure switch with warning device on control
panel for saturated filter control

€ 110,00



OPTCI010 2x mobile lifting platforms (upper and lower rails
up to 12 mt included)

€ 45.000,00

OPTCI011

Upper and lower rails with pipes and accessories mt/l)

€ 400,00



OPTCI012 Wooden packing cases

€ 2.150,00

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COMPONENTS AND ACCESSORIES

EXHAUST UNIT WITH DOUBLE SECTOR POCKET FILTERS r3 FT

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Technical Data

External structure made of galvanized metal steel insulated with rock wool.

Double sector pocket filters in polyester fiber.

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan through belt drive.

Air-outlet regulation damper with manual control.

Model	Dimensions (mm)	Air flow m ³ /h	Motor kw	Filters		
ESTF 14/17	1.200 x 1.200 x h. 1.620	14/17.000	5,5	6	€	3.200,00
ESTF 18/20	1.200 x 1.200 x h. 1.620	18/20.000	7,5	8	€	3.400,00
ESTF 22/24	1.600 x 1.200 x h. 1.620	22/24.000	7,5	8	€	4.350,00
ESTF 26/28	1.600 x 1.200 x h. 1.620	26/28.000	9,2	8	€	4.450,00
ESTF 30/32	1.600 x 1.300 x h. 1.620	30/32.000	11	8	€	4.900,00
ESTF 34/36	2.400 x 1.200 x h. 1.620	34/36.000	2 x 5,5	14	€	5.500,00
ESTF 38/40	2.400 x 1.200 x h. 1.620	38/40.000	2 x 7,5	14	€	6.000,00
ESTF 44/48	2.600 x 1.200 x h. 1.620	44/48.000	2 x 7,5	14	€	6.500,00
ESTF 50/54	2.800 x 1.200 x h. 1.620	50/54.000	2 x 9,2	16	€	7.300,00
ESTF 56/60	3.120x 1.200 x h. 1.620	56/60.000	2 x 11	18	€	7.950,00
ESTF 62/66	3.200x 1.300 x h. 1.620	62/66.000	2 x 11	18	€	8.850,00

PAINTING PLANTS

Exhaust unit with double sector pocket filters r3 FT options

OPTESTF001 Price difference for external laminated white paneling	€	210,00
OPTESTF002 Price difference for ON/OFF control panel designed for single motor exhaust unit	€	260,00
OPTESTF003 Price difference for star-delta starter control panel designed for single motor exhaust unit	€	850,00
OPTESTF004 Price difference for ON/OFF control panel designed for double motor exhaust unit	€	420,00
OPTESTF005 Price difference for star-delta starter control panel designed for double motor exhaust unit (9,2/11 kw)	€	1.860,00
OPTESTF006 Price difference for star-delta starter control panel designed for double motor exhaust unit (4/5,5/7,5 kw)	€	1.150,00
OPTESTF007 Price difference for empty metal base h 300 mm	€	310,00
OPTESTF008 Price difference for metal base with filtering cells h 300 mm; cells with "paint stop" filters	€	720,00
OPTESTF009 Price difference for metal base with filtering cells h 300 mm; cells with "paint stop" filters (ESTF 50/54-62/66)	€	980,00
OPTESTF010 Price difference for motorized adjustment damper with ON/OFF electrical actuator	€	450,00



Technical Data

External structure made of galvanized metal steel insulated with rock wool

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan through belt drive.

Air-outlet regulation damper with manual control.

Model	Dimensions (mm)	Air flow m ³ /h	Motor Kw		
TV14/18	1.200x1.000xh. 1.000	14/18.000	5,5	€	2.500,00
TV20/24	1.200x1.200xh. 1.000	20/24.000	7,5	€	2.760,00
TV26/28	1.600x1.200xh. 1.200	26/28.000	9,2	€	3.250,00
TV30/32	1.600x1.300xh. 1.200	30/32.000	11	€	3.540,00
TV34/38	2.400x1.200xh. 1.200	34/38.000	2x7,5	€	4.370,00

PAINTING PLANTS

Air supply unit r3 TV options

OPTTV001	Price difference for external laminated white paneling	€	210,00
OPTTV002	Price difference for ON/OFF control panel designed for single motor exhaust unit	€	260,00
OPTTV003	Price difference for star-delta starter control panel designed for single motor exhaust unit	€	850,00
OPTTV004	Price difference for ON/OFF control panel designed for double motor exhaust unit	€	420,00
OPTTV005	Price difference for star-delta starter control panel designed for double motor exhaust unit (9,2/11 kw)	€	1.860,00
OPTTV006	Price difference for star-delta starter control panel designed for double motor exhaust unit (5,5/7,5 kw)	€	1.150,00
OPTTV007	Price difference for motorized adjustment damper with ON/OFF electrical actuator	€	450,00



Technical Data

External structure made of galvanized metal steel insulated with rock wool.

Double layer bag filters paint stop + synthetic fiber.

Round cartridges containing activated carbon.

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan through belt drive.

Air-outlet regulation damper with manual control.

Model	Dimensions (mm)	Air flow m³/h	Motor Kw	Cartridges features		
DECA 14/17	1.200 x 1.200 x h. 2.000	14/17.000	5,5	9 pcs h= 1000 with 180 kg carbon	€	4.250,00
DECA 18/20	1.200 x 1.200 x h. 2.000	18/20.000	7,5	9 pcs h= 1000 with 180 kg carbon	€	4.600,00
DECA 22/24	1.600 x 1.200 x h. 2.000	22/24.000	7,5	12 pcs h= 1000 with 240 kg carbon	€	5.000,00
DECA 26/28	1.600 x 1.200 x h. 2.000	26/28.000	9,2	12 pcs h= 1000 with 240 kg carbon	€	5.250,00
DECA 30/32	1.600 x 1.300 x h. 2.100	30/32.000	11	12 pcs h= 1000 with 240 kg carbon	€	6.100,00
DECA 34/36	2.400 x 1.200 x h. 2.000	34/36.000	2 x 7,5	18 pcs h= 1000 with 360 kg carbon	€	7.300,00
DECA 38/42	2.600 x 1.200 x h. 2.000	38/42.000	2 x 9,2	18 pcs h= 1000 with 360 kg carbon	€	7.900,00
DECA 46/50	3.120 x 1.200 x h. 2.000	46/50.000	2 x 9,2	21 pcs h= 1000 with 420 kg carbon	€	9.000,00
DECA 52/56	3.200 x 1.300 x h. 2.200	52/56.000	2 x 11	24 pcs h= 1000 with 480 kg carbon	€	9.700,00
DECA 58/64	3.500 x 1.300 x h. 2.200	58/64.000	2 x 15	27 pcs h= 1000 with 540 kg carbon	€	10.500,00

PAINTING PLANTS

Cleaner with activated carbon filters r3 CA options

OPTDECA001	Price difference for external laminated white paneling	€ 200,00
OPTDECA002	Price difference for ON/OFF control panel designed for single motor exhaust unit	€ 250,00
OPTDECA003	Price difference for star-delta starter control panel designed for single motor exhaust unit	€ 800,00
OPTDECA004	Price difference for ON/OFF control panel designed for double motor exhaust unit	€ 400,00
OPTDECA005	Price difference for star-delta starter control panel designed for double motor exhaust unit (9,2/11 kw)	€ 1.800,00
OPTDECA006	Price difference for star-delta starter control panel designed for double motor exhaust unit (4/5,5/7,5 kw)	€ 1.100,00
OPTDECA007	Price difference for empty metal base h 300 mm	€ 300,00
OPTDECA008	Price difference for metal base with filtering cells h 300 mm; cells with "paint stop" filters	€ 700,00
OPTDECA009	Price difference for metal base with filtering cells h 300 mm; cells with "paint stop" filters (DECA 52/56-58/64)	€ 950,00
OPTDECA010	Price difference for motorized adjustment damper with ON/OFF electrical actuator	€ 400,00

NOTES:

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AIR SUPPLY GENERATOR UNITS



Technical Data

External structure made of galvanized metal steel insulated with rock wool.

AISI 430 stainless steel heat exchanger.

External filtering panel with polyester fiber filter.

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan through belt drive.

Air-outlet regulation damper with manual control.

Air-intake duct with safety thermostat.

Model	Dimensions (mm)	Air flow m ³ /h	Motor kw	Thermal power kw		
GRPAL 14	1.200 x 1.200 x h. 3.250	14.000	4	95	€	4.100,00
GRPAL 16	1.200 x 1.200 x h. 3.250	16.000	5,5	105	€	4.400,00
GRPAL 18	1.200 x 1.200 x h. 3.250	18.000	5,5	115	€	4.550,00
GRPAL 20	1.200 x 1.200 x h. 3.250	20.000	7,5	140	€	4.700,00
GRPAL 22	1.200 x 1.200 x h. 3.250	22.000	7,5	180	€	5.000,00

Air supply generator unit r3 GRPAL 14/22 options

OPTG001 Price difference for external laminated white paneling	€	200,00
OPTG002 Price difference for empty metal base h 330 mm	€	150,00
OPTG003 Price difference for metal base with recycle h 330 mm and motorized damper	€	780,00
OPTG004 Price difference for air-intake duct to convoy the air to the plenum. Max distance air supply unit/booth: 800 mm	€	300,00
OPTG005 Price difference for anti-vibration joint placed in the intake-air section	€	120,00
OPTG006 Price difference for fire cut damper placed in the intake-air section	€	1.000,00
OPTG007 Price difference for motorized adjustment damper with ON/OFF electrical actuator	€	400,00
OPTG008 Price difference for height increase each 250 mm	€	100,00

Technical Data

External structure made of galvanized metal steel insulated with rock wool.

AISI 430 stainless steel heat exchanger.

Pre-filtering cell with polyester fiber filters easily extractable.

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan with fan.

Manual by pass for air recycle in pre-filtering cell (50%).

Air-intake duct with safety thermostat.

Model	Dimensions (mm)	Air flow m³/h	Motor kw	Thermal power kw		
GRP 18	1.600 x 1.400 x h. 3.250	18.000	5,5	115	€	5.000,00
GRP 20	1.600 x 1.400 x h. 3.250	20.000	7,5	140	€	5.250,00
GRP 22	1.600 x 1.400 x h. 3.250	22.000	7,5	180	€	5.400,00
GRP 24	1.600 x 1.400 x h. 3.250	24.000	9,2	210	€	5.700,00

Air supply generator unit r3 GRP 18/24 options

OPTG009 Price difference for external laminated white paneling	€	200,00
OPTG010 Price difference for empty metal base h 330 mm	€	200,00
OPTG011 Price difference for metal base with recycle h 330 mm and motorized damper	€	800,00
OPTG012 Price difference for air-intake duct to convoy the air to the plenum. Max distance air supply unit/booth: 800 mm	€	400,00
OPTG013 Price difference for anti-vibration joint placed in the intake-air section	€	140,00
OPTG014 Price difference for fire cut damper placed in the intake-air section	€	1.000,00
OPTG015 Price difference for motorized by-pass with ON/OFF electrical actuator	€	400,00
OPTG016 Price difference for height increase each 250 mm	€	150,00

Technical Data

External structure made of galvanized metal steel insulated with rock wool.

AISI 430 stainless steel heat exchanger.

Pre-filtering cell with polyester fiber filters easily extractable.

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan through belt drive.

Manual by pass for air recycle in pre-filtering cell (50%).

Air-intake duct with safety thermostat.

Model	Dimensions (mm)	Air flow m³/h	Motor kw	Thermal power kw		
GRP 26	1.600 x 1.850 x h. 3.250	26.000	9,2	230	€	6.600,00
GRP 28	1.600 x 1.850 x h. 3.250	28.000	9,2	260	€	7.000,00

Air supply generator unit r3 GRP 26/28 options

OPTG017 Price difference for external laminated white paneling	€	200,00
OPTG018 Price difference for empty metal base h 330 mm	€	250,00
OPTG019 Price difference for metal base with recycle h 330 mm and motorized damper	€	900,00
OPTG020 Price difference for air-intake duct to convoy the air to the plenum. Max distance air supply unit/booth: 800 mm	€	450,00
OPTG021 Price difference for anti-vibration joint placed in the intake-air section	€	180,00
OPTG022 Price difference for fire cut damper placed in the intake-air section	€	1.200,00
OPTG023 Price difference for motorized by-pass with ON/OFF electrical actuator	€	400,00
OPTG024 Price difference for height increase each 250 mm	€	200,00

Technical Data

External structure made of galvanized metal steel insulated with rock wool.

AISI 430 stainless steel heat exchanger.

Pre-filtering cell with polyester fiber filters easily extractable.

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan through belt drive.

Manual by pass for air recycle in pre-filtering cell (50%).

Air-intake duct with safety thermostat.

Model	Dimensions (mm)	Air flow m³/h	Motor kw	Thermal power kw		
GRP 30	1.850 x 1.900 x h. 3.250	30.000	11	300	€	7.200,00
GRP 32	1.850 x 1.900 x h. 3.250	32.000	11	300	€	7.500,00
GRP 34	1.600 x 2.400 x h. 3.250	34.000	2 x 5,5	330	€	7.800,00
GRP 36	1.600 x 2.400 x h. 3.250	36.000	2 x 7,5	350	€	8.000,00

Air supply generator unit r3 GRP 30/36 options

OPTG025 Price difference for external laminated white paneling	€	200,00
OPTG026 Price difference for empty metal base h 330 mm	€	300,00
OPTG027 Price difference for metal base with recycle h 330 mm and motorized damper	€	1.000,00
OPTG028 Price difference for air-intake duct to convoy the air to the plenum. Max distance air supply unit/booth: 800 mm	€	500,00
OPTG029 Price difference for anti-vibration joint placed in the intake-air section	€	200,00
OPTG030 Price difference for fire cut damper placed in the intake-air section	€	1.400,00
OPTG031 Price difference for motorized by-pass with ON/OFF electrical actuator	€	400,00
OPTG032 Price difference for height increase each 250 mm	€	250,00

Technical Data

External structure made of galvanized metal steel insulated with rock wool.

AISI 430 stainless steel heat exchanger.

Pre-filtering cell with polyester fiber filters easily extractable.

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan through belt drive.

Manual by pass for air recycle in pre-filtering cell (50%).

Air-intake duct with safety thermostat.

Model	Dimensions (mm)	Air flow m ³ /h	Motor kw	Thermal power kw		
GRP 38	1.600 x 2.600 x h. 3.250	38.000	2 x 7,5	360	€	8.500,00
GRP 40	1.600 x 2.600 x h. 3.250	40.000	2 x 7,5	380	€	9.000,00

Air supply generator unit r3 GRP 38/40 options

OPTG033 Price difference for external laminated white paneling	€	200,00
OPTG034 Price difference for empty metal base h 330 mm	€	350,00
OPTG035 Price difference for metal base with recycle h 330 mm and motorized damper	€	1.100,00
OPTG036 Price difference for air-intake duct to convoy the air to the plenum. Max distance air supply unit/booth: 800 mm	€	550,00
OPTG037 Price difference for anti-vibration joint placed in the intake-air section	€	250,00
OPTG038 Price difference for fire cut damper placed in the intake-air section	€	1.500,00
OPTG039 Price difference for motorized by-pass with ON/OFF electrical actuator	€	400,00
OPTG040 Price difference for height increase each 250 mm	€	300,00

Technical Data

External structure made of galvanized metal steel insulated with rock wool.

AISI 430 stainless steel heat exchanger.

Pre-filtering cell with polyester fiber filters easily extractable.

Asynchronous three-phase motor placed externally.

Double suction **centrifugal fan**.

Motor coupled with fan through belt drive.

Manual by pass for air recycle in pre-filtering cell (50%).

Air-intake duct with safety thermostat.

Model	Dimensions (mm)	Air flow m³/h	Motor kw	Thermal power kw		
GRP 42	1.900 x 2.600 x h. 3.700	42.000	2 x 7,5	400	€	10.500,00
GRP 45	1.900 x 2.600 x h. 3.700	45.000	2 x 7,5	430	€	11.000,00
GRP 50	1.900 x 3.000 x h.3.700	50.000	2 x 7,5	470	€	12.500,00
GRP 55	1.900 x 3.000 x h. 3.700	55.000	2 x 9,2	550	€	14.000,00
GRP 60	1.900 x 3.000 x h. 3.700	60.000	2 x 11	600	€	16.000,00
GRP 65	2.200 x 3.200 x h. 3.700	65.000	2 x 15	650	€	18.500,00

Air supply generator unit r3 GRP 42/65 options

OPTG041 Price difference for external laminated white paneling	€	300,00
OPTG042 Price difference for empty metal base GRP 42/45 h 300 mm	€	400,00
OPTG043 Price difference for empty metal base GRP 50/55/60 h 300 mm	€	500,00
OPTG044 Price difference for empty metal base GRP 65 h 300 mm	€	600,00
OPTG045 Price difference for metal base with recycle GRP 42/45 h 330 mm and motorized damper	€	1.100,00
OPTG046 Price difference for metal base with recycle GRP 50/55/60 h 330 mm and motorized damper	€	1.500,00
OPTG047 Price difference for metal base with recycle GRP 65 h 330 mm and motorized damper	€	1.700,00
OPTG048 Price difference for air-intake duct to convoy the air to the plenum GRP42/45. Max distance air supply unit/booth: 800 mm	€	600,00
OPTG049 Price difference for air-intake duct to convoy the air to the plenum GRP50/55/60. Max distance air supply unit/booth: 800 mm	€	800,00
OPTG050 Price difference for air-intake duct to convoy the air to the plenum GRP65. Max distance air supply unit/booth: 800 mm	€	900,00
OPTG051 Price difference for anti-vibration joint GRP 42/45 placed in the intake-air section	€	250,00
OPTG052 Price difference for anti-vibration joint GRP 50/55/60 placed in the intake-air section	€	350,00
OPTG053 Price difference for anti-vibration joint GRP 65 placed in the intake-air section	€	450,00
OPTG054 Price difference for fire damper GRP 42/45 placed in the intake-air section	€	1.600,00
OPTG055 Price difference for fire damper GRP 50/55/60 placed in the intake-air section	€	2.000,00
OPTG056 Price difference for fire damper GRP 65 placed in the intake-air section	€	2.400,00
OPTG057 Price difference for motorized by-pass with ON/OFF electrical actuator	€	800,00
OPTG058 Price difference for height increase GRP42/45 each 250 mm	€	300,00
OPTG059 Price difference for height increase GRP50/55/60 each 250 mm	€	500,00
OPTG060 Price difference for height increase GRP65 each 250 mm	€	700,00

HOT WATER BATTERY SUPPLY UNIT www.ragfa.com

(TVB 12/28 MODEL)



Technical Data

External structure made of galvanized metal steel insulated with rock wool.

Asynchronous three-phase motor.

Double suction **centrifugal fan.**

Motor coupled with fan through belt drive.

Hot water battery with copper tubes and aluminum heat diffusers.

Stainless steel frame.

Model	Dimensions LxAxH (mm)	Opening dimensions	Air flow m3/h	Electrical power kw	Thermal power kw	Price	
GTB 12	1200x1200x1000	600x600	12.000	4	93	€	3.600,00
GTB 14	1400x1200x1000	600x600	14.000	5,5	104	€	3.900,00
GTB 16	1500x1200x1200	600x600	16.000	5,5	116	€	4.150,00
GTB 18	1600x1500x1200	600x600	18.000	5,5	140	€	4.900,00
GTB 20	1800x1500x1200	720x720	20.000	7,5	168	€	5.500,00
GTB 22	2000x1800x1200	720x720	22.000	7,5	188	€	6.100,00
GTB 24	2200x2000x1200	720x720	24.000	9,2	216	€	6.700,00
GTB 26	2200x2000x1300	820x820	26.000	9,2	232	€	7.200,00
GTB 28	2400x1800x1300	820x820	28.000	11	262	€	7.900,00

Hot water battery supply unit r3 TVB 12/28 options

OPTG061 Price difference for external paneling laminated white	€	200,00
OPTG062 Price difference for empty metal base h 330 mm	€	150,00
OPTG063 Price difference for metal base with recycle h 330 mm and motorized damper	€	780,00
OPTG064 Price difference for height increase each 250 mm	€	100,00
OPTG065 Price difference for 3-way valve	€	1.400,00

*duct kit to be evaluated at the time of order

OPTIONS COMMON TO ALL AIR SUPPLY UNITS

BR001 Single stage oil burner 47÷119 kw	€	1.200,00
BR002 Single stage oil burner 83÷178 kw	€	1.310,00
BR003 Single stage oil burner 118÷240 kw	€	1.500,00
BR004 Two-stage oil burner 42÷118 kw	€	1.850,00
BR005 Two-stage oil burner 63÷178 kw	€	2.050,00
BR006 Two-stage oil burner 106÷237 kw	€	2.180,00
BR007 Two-stage oil burner 95÷296 kw	€	2.250,00
BR008 Two-stage oil burner 97÷400 kw	€	2.500,00
BR009 Two-stage oil burner 155÷485 kw	€	3.250,00
BR010 Single stage gas burner with ramp 160÷330 kw	€	3.000,00
BR011 Single stage gas burner with ramp 70÷390 kw	€	3.600,00
BR012 Two-stage gas burner with ramp 110÷250 kw	€	3.850,00
BR013 Two-stage gas burner with ramp 160÷345 kw	€	4.000,00
BR014 Two-stage gas burner with ramp 45÷390 kw	€	4.850,00
BR015 Two-stage gas burner with ramp 80÷550 kw	€	6.100,00
BR016 Proportional two-stage gas burner with ramp 68÷250 kw	€	4.850,00
BR017 Premixed gas burner 70 kw	€	2.100,00
BR018 Premixed gas burner 150 kw	€	4.000,00
BR019 Premixed gas burner 180 kw	€	6.600,00
BR020 Premixed gas burner 250 kw	€	7.800,00
BR021 Premixed gas burner 350 kw	€	11.000,00
BR022 Direct flame gas burner 70 kw	€	6.400,00
BR023 Direct flame gas burner 140 kw	€	6.550,00
BR024 Direct flame gas burner 210 kw	€	6.900,00
BR025 Direct flame gas burner 280 kw	€	7.180,00
BR026 Direct flame gas burner 350 kw	€	7.400,00
BR027 Direct flame gas burner 450 kw	€	7.800,00
BR028 Direct flame gas burner 530 kw	€	9.400,00
BR029 Direct flame gas burner 605 kw	€	10.500,00
BR030 Direct flame gas burner 750 kw	€	11.500,00



Technical Data

Structure made of AISI 430 galvanized steel.

Pipe made of AISI 430 galvanized steel.

Arrangement for condensate release.

Frontal metal plate for burner support.

Pipe inspection door with gasket in ceramic fiber.

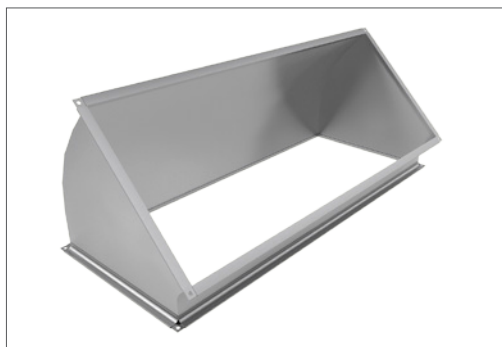
Fixing clamps inside the structure.

Model	Thermal power kcal	Thermal power KW		
SCA 70	70.000	80	€	780,00
SCA 95	95.000	110	€	870,00
SCA 130	130.000	150	€	1.050,00
SCA 150	150.000	180	€	1.220,00
SCA 200	200.000	240	€	1.490,00
SCA 250	250.000	290	€	1.600,00
SCA 300	300.000	350	€	1.660,00
SCA 340	340.000	390	€	1.700,00
SCA 400	400.000	460	€	2.090,00
SCA 450	450.000	523	€	2.400,00
SCA 500	500.000	581	€	2.600,00
SCA 550	550.000	640	€	2.940,00
SCA 600	600.000	700	€	3.260,00
SCA 650	650.000	760	€	3.570,00



STRAIGHT DUCTS

CN001 500 x 500 x h.1000 mm	€	120,00
CN002 600 x 600 x h.1000 mm	€	140,00
CN003 700 x 700 x h.1000 mm	€	160,00
CN004 800 x 800 x h.1000 mm	€	200,00
CN005 900 x 900 x h.1000 mm	€	250,00
CN006 1.000 x 1.000 x h.1000 mm	€	280,00



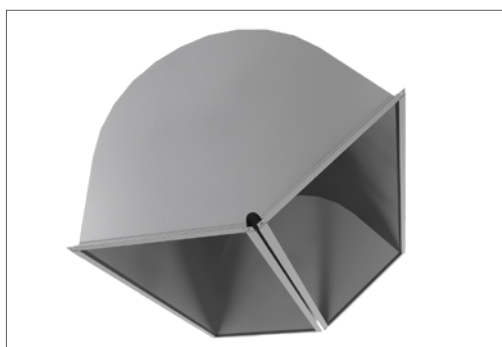
45° BEND

CN007 500 x 500 mm r.100	€	110,00
CN008 600 x 600 mm r.100	€	120,00
CN009 700 x 700 mm r.100	€	130,00
CN010 800 x 800 mm r.100	€	160,00
CN011 900 x 900 mm r.100	€	170,00
CN012 1.000 x 1.000 mm r.100	€	270,00



90° BEND

CN013 500 x 500 mm r.100	€	140,00
CN014 600 x 600 mm r.100	€	180,00
CN015 700 x 700 mm r.100	€	190,00
CN016 800 x 800 mm r.100	€	210,00
CN017 900 x 900 mm r.100	€	250,00
CN018 1.000 x 1.000 mm r.100	€	290,00



140° BEND

CN019 500 x 500 mm + net	€	170,00
CN020 600 x 600 mm + net	€	220,00
CN021 700 x 700 mm + net	€	230,00
CN022 800 x 800 mm + net	€	250,00
CN023 900 x 900 mm + net	€	260,00
CN024 1.000 x 1.000 mm + net	€	420,00



JET COWL

CN025 500 x 500 mm	€	430,00
CN026 600 x 600 mm	€	440,00
CN027 700 x 700 mm	€	490,00
CN028 800 x 800 mm	€	530,00
CN029 900 x 900 mm	€	580,00
CN030 1.000 x 1.000 mm	€	620,00

ADDITIONAL COMPONENTS

CNAG001 Anti-vibration joint	€	55,00 mt/l
CNAG002 Damper controls	€	25,00 each one
CNAG003 Fuses for 180° fire damper	€	55,00 each one
CNAG004 3" Catch basin	€	55,00 each one



FLUE PIPE

CN031 Galvanized flue pipe Ø 250 h.1000 mm	€	40,00
CN032 Galvanized flue pipe Ø 300 h.1000 mm	€	50,00
CN033 Steel flue pipe Ø 250 h.1000 mm	€	120,00
CN034 Insulated flue pipe Ø 250 h.1000 mm	€	280,00



45°BEND

CN035 Galvanized bend Ø 250	€	55,00
CN036 Steel bend Ø 250	€	110,00
CN037 Insulated steel bend Ø 300	€	210,00



90° BEND

CN038 Galvanized bend Ø 250	€	65,00
CN039 Galvanized bend Ø 300	€	79,00
CN040 Steel bend Ø 250	€	160,00
CN041 Insulated bend Ø 250	€	365,00



CHINESE COWL

CN042 Chinese cowl Ø 250	€	82,00
CN043 Galvanized chinese cowl Ø 300	€	100,00
CN044 Steel chinese cowl Ø 250	€	110,00



JET COWL

CN045 Jet cowl Ø 250	€	355,00
CN046 Steel jet cowl Ø 250	€	422,00

ADDITIONAL COMPONENTS

CNAG005 Brackets/each one	€	65,00
CNAG006 Telescopic brackets /each one	€	95,00



CIRCULAR DUCT WITH COLLAR

CN047 Circular duct Ø 500 h.1.000 mm	€	110,00
CN048 Circular duct Ø 600 h.1.000 mm	€	130,00
CN049 Circular duct Ø 700 h.1.000 mm	€	180,00
CN050 Circular duct Ø 800 h.1.000 mm	€	200,00
CN051 Circular duct Ø 900 h.1.000 mm	€	230,00
CN052 Circular duct Ø 1.000 h.1.000 mm	€	260,00



CIRCULAR 90° BEND

CN053 90° Bend Ø 500	€	145,00
CN054 90° Bend Ø 600	€	190,00
CN055 90° Bend Ø 700	€	260,00
CN056 90° Bend Ø 800	€	340,00
CN057 90° Bend Ø 900	€	420,00
CN058 90° Bend Ø 1.000	€	500,00



CIRCULAR 45° BEND

CN059 45° Bend Ø 500 r.250	€	75,00
CN060 45° Bend Ø 600 r.300	€	85,00
CN061 45° Bend Ø 700 r.350	€	130,00
CN062 45° Bend Ø 800 r.400	€	170,00
CN063 45° Bend Ø 900 r.450	€	210,00
CN064 45° Bend Ø 1.000 r.500	€	250,00

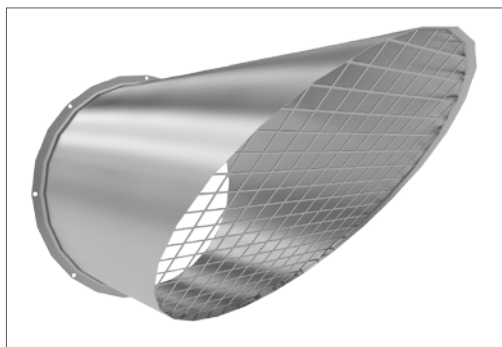
ADDITIONAL COMPONENTS

CNAG007 Brackets/each one	€	65,00
CNAG008 Telescopic brackets /each one	€	95,00



JET COWL

CN065 Jet cowl Ø 500	€	460,00
CN066 Jet cowl Ø 600	€	670,00
CN067 Jet cowl Ø 700	€	820,00
CN068 Jet cowl Ø 800	€	990,00
CN069 Jet cowl Ø 900	€	1.160,00
CN070 Jet cowl Ø 1.000	€	1.380,00



BIRD BEAK DUCT

CN071 Bird beak duct Ø 500	€	80,00
CN072 Bird beak duct Ø 600	€	110,00
CN073 Bird beak duct Ø 700	€	145,00
CN074 Bird beak duct Ø 800	€	180,00
CN075 Bird beak duct Ø 900	€	230,00
CN076 Bird beak duct Ø 1.000	€	280,00

ADDITIONAL COMPONENTS

CNAG009 Brackets/each one	€	65,00
CNAG010 Telescopic brackets /each one	€	95,00

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FLOOR-RECESSED LIFT (COMPACT 11/196 PH MODEL)



Technical Data

Capacity 3000- 3500 kg.

Maximum height h. 1200 mm.

Max. shut lift height h. 110 mm

Platform length 1960 mm.

Max. platform width 680 mm.

Automatic opening and closing of the lifting arms.

Pneumohydraulic oil pump (1 pcs)

Pneumohydraulic control unit

Model

ATTSOL001 3000 kg	€	9.300,00
ATTSOL002 3500 kg	€	9.950,00

FLOOR-RECESSED LIFT (UP TO PAINT MODEL)



Technical Data

Capacity 3000 kg.

Maximum height h. 1000 mm

Max. shut lift height h. 156 mm

Platform length 1950 mm.

Max. platform width 1750 mm.

Weight 400 Kg.

Model

ATTSOL003 UTP/P (manual lifting arms)	€	5.690,00
ATTSOL004 UTP/PAP (pneumatic lifting arms)	€	6.600,00

ELECTRO-HYDRAULIC DOUBLE SCISSOR LIFT (Z25 MODEL)



Technical Data

Capacity 3200 kg.

3 kw. **motor**

Power supply V380 50/60 Hz.

Max. height opened lift 1980 mm.

Max. height closed lift 105 mm.

"Dead man's switch" a 24V.

Electrical, hydraulic **safety devices**.

Safety valves and lock on hydraulic circuit against the tubes breaking.

Acoustic device in the last phase of descent movement.

No mechanical connections between the platforms to free the work area.

Model

ATTSOL005 Z25

€ 9.500,00

TWO COLUMNS LIFT (Z61/3S-Z51/3S MODEL)



Technical Data

Capacity 3500 kg

1,5 kw **motor**

Power supply V380 50/60 hz.

Rising time 0,033 m/s

Lowering time 0,033 m/s

"Dead man's switch", tension 24V.

Electrical, hydraulic **safety devices**.

Model

ATTSOL006 Z61/3S electro-hydraulic

Motor kw

1,5 kw

€ 5.500,00

ATTSOL007 Z51/3S electro-mechanic

3 kw

€ 4.900,00

INFRARED AIR SYSTEM (HELIOS MODEL)



Technical Data

Emission short waves.

3x panels (Tot. 9 lamps)

Power supply 400V 3F 50-60 Hz.

Power w 15000.

Dried surface 1,2 x 2,9 metres.

Fully computerized control.

Temperature and distance control system.

Personalization of the drying program.

5 stepper motors for the longitudinal, diagonal, vertical and rotational movements.

Model

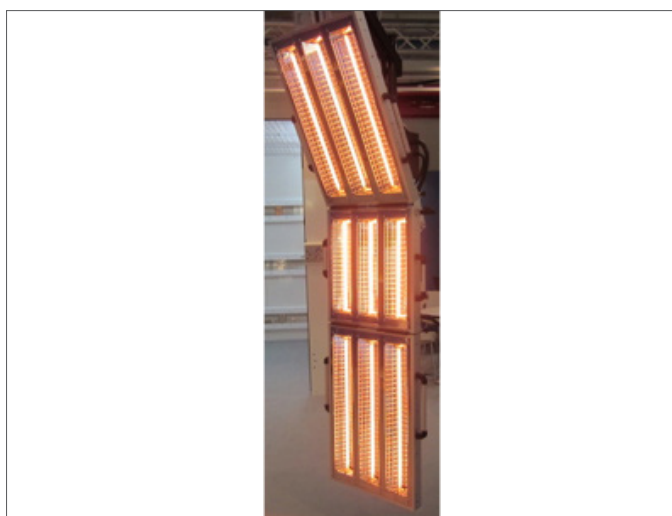
Maximum power W

ATLAM001 HELIOS MED

6 x 1500 + 3 x 2000= 15000 W

€ 51.630,00

INFRARED AIR SYSTEM (SURYA MODEL)



Technical Data

Emission short waves.

3x panels (Tot. 9 lamps)

Power supply 400V 3F+PE 50-60 Hz opt. 230V 3F+PE 50-60 Hz

Height of sliding rail 2500÷4000 mm

Temperature control through 2 pyrometric sensors.

8 programs with possibility of pairing with each other

Automatic control of the temperature and of the speed according to the set value

Large color display 5,7"

Radiant adjustable panels to adapt to the surface to be dried

Stepper motors therefore brushless/without maintenance

Switching on of the single panels

Model

Dimensions mm

Maximum power W

ATLAM002 SURYA_MAX

2380x600x300

16,5 KW

€ 25.930,00

ATLAM003 SURYA_MIN

1800x600x300

13,5 KW

€ 25.000,00

INFRARED AIR SYSTEM (2006 MODEL)



Technical Data

Emission short waves.

2x panels (Tot. 6 lamps)

Panel length 600 mm.

Power supply 400V L+N 50-60 Hz.

Power w 6000 (6x1000).

Dried surface 1,1 x 2,1 metres

Work field 6000 x 4000 mm.

Available colors: white and red

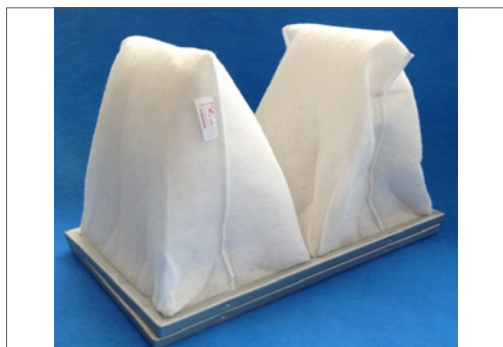
Model

ATTLAM004 2006 C	Electromechanical control unit	€	16.400,00
ATTLAM005 2006 P	Control unit with pyrometer	€	17.300,00

Options

ATTLAM004-5.1 Diagonal side motorization 6000 mm	€	5.800,00
ATTLAM004-5.2 Longitudinal side motorization 4000 mm	€	1.960,00
ATTLAM004-5.3 Rail extension KIT every meter 4/5/6/7/8 per meter price	€	400,00

SPARE PARTS



POCKET FILTER

FT001 Double sector pocket filter 575x350xh.440 mm	€	24,50
FT002 Double sector pocket filter 620x353xh.400 mm	€	29,50
FT003 Double sector pocket filter 750x350xh.400 mm	€	32,50



BAG FILTER

FT004 Bag filter Ø 355xh.1.000 mm	€	17,50
FT005 Bag filter 355x250x h. 1.000 mm Double filtering layers with cuff	€	25,00



ROUND CARTRIDGE

FT006 Ø 350 x h. 1.000 mm arranged to activated carbon addition	€	54,00
FT007 Complete cartridge equipped with filters and activated carbon	€	170,00



SQUARE CARTRIDGE

FT008 320x 320 x h.1.000 arranged to activated carbon addition	€	108,00
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FILTERING SQUARE CARTRIDGE

FT009 320x320 mm

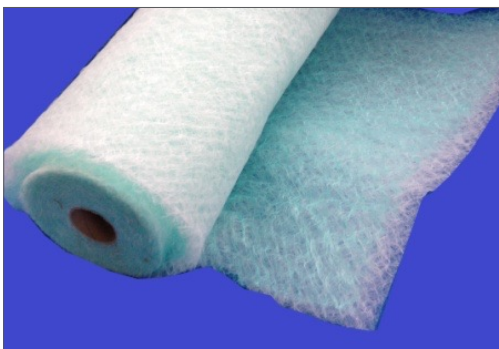
€ 84,00



ACTIVATED CARBON

FT010 Bag (25 kg)

€ 4,50/kg



PAINT STOP FILTER

FT011 Paint stop filter 0.75x20mt

€ 78,00

FT012 Paint stop filter 1x20mt

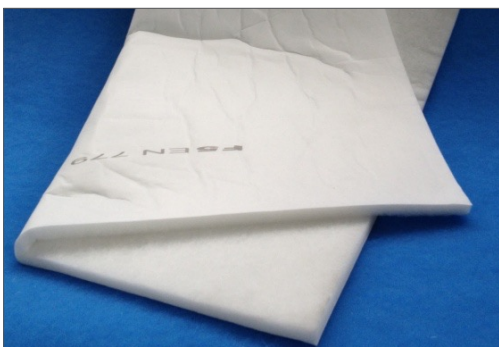
€ 102,00

FT013 Paint stop filter 1.25x20mt

€ 127,00

FT014 Paint stop filter 1.5x20mt

€ 154,00



CEILING FILTER

FT015 V500 GRAMMI filter

€ 19,80

FT016 V600 GRAMMI filter

€ 27,80

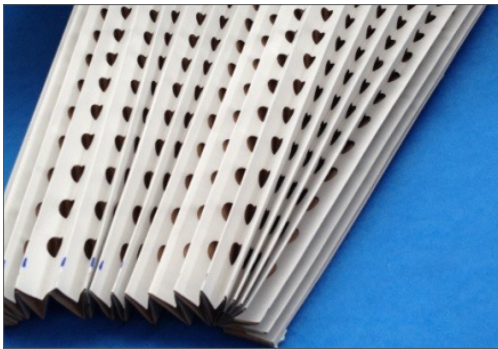
FT017 V600 VILEDON filter

€ 63,00



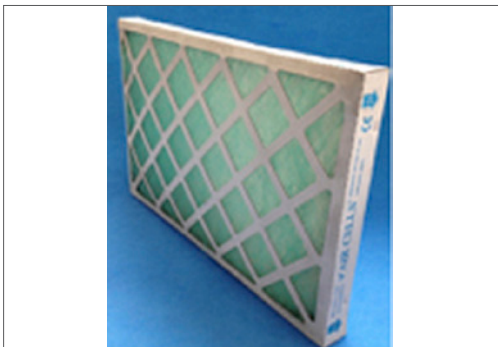
WHITE/BLEU FILTER (PRE-FILTER)

FT018 PF3 filter 370 gr/m ² 1x 20 mt	€	111,00
FT019 PF3 filter 370 gr/m ² 1,25 x 20 mt	€	140,00
FT020 PF3 filter 370 gr/m ² 1,5 x 20 mt	€	166,00



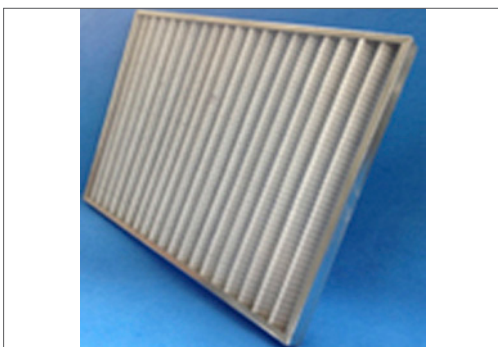
ANDREAE FILTER

FT021 Pack of 10xh.0.9 mt	€	104,00
FT022 Pack of 10xh.1 mt	€	118,00
FT023 Pack of 10xh.1.2 mt	€	142,00



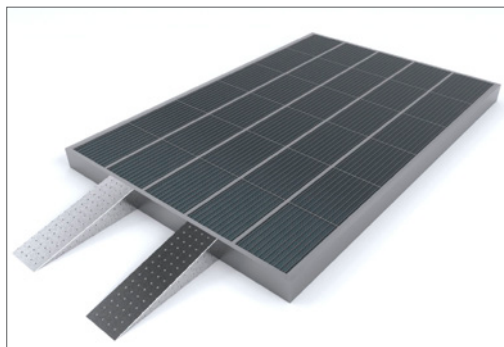
CARDBOARD CELL FILTER

FT024 Panel of 592 x 592 x h.48 mm	€	13,00
FT025 Panel of 1.000 x 500 x h.50 mm	€	28,00
FT026 Panel of 500 x 500 x h.50 mm	€	12,00
FT027 Panel of 800 x 500 x h.48 mm	€	47,00



UNDULATED PANEL FILTER

FT028 Panel of 592 x 592 x h.48 mm	€	27,00
FT029 Panel of 1.000 x 500 x h. 48 mm	€	47,00
FT030 Panel of 500 x 500 x h. 48 mm	€	22,00
FT031 Panel of 800 x 500 x h. 48 mm	€	41,00



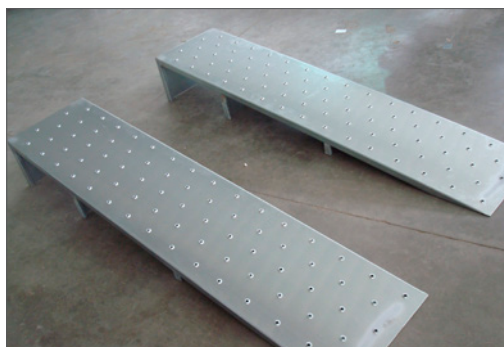
METAL BASE

	Price/m ²
AC001 Raised metal base h.130 mm totally grilled	€ 293,00
AC002 Raised metal base h.330 mm totally grilled	€ 255,00
AC003 Raised metal base h.400 mm totally grilled	€ 284,00
AC004 Raised metal base h.600 mm totally grilled	€ 300,00



GRIDS

	Price/each
AC005 Grid kit for masonry works with panels 1000 x 750 mm (720kg/wheel)	€ 114,00
AC006 Grid kit for masonry works with panels 488 x 600 mm (3.000 kg/wheel)	€ 169,00



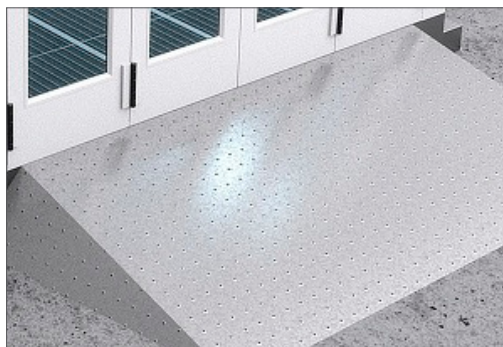
RAMPS

	Price/each
AC007 2xaccess ramps made of non-slip metal sheet 2500x500 mm	€ 750,00



INTERNAL FIXED RAMP

AC008 Internal fixed ramp	€ 1.300,00
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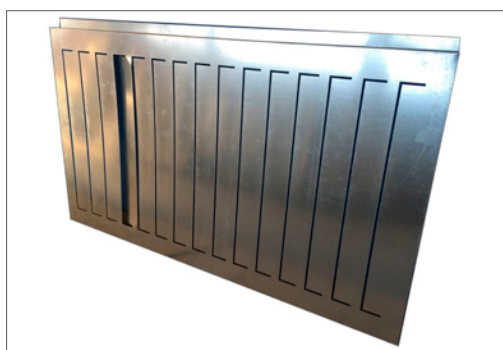
EXTERNAL RAMP

AC009 External access ramp for total width	€ 1.500,00
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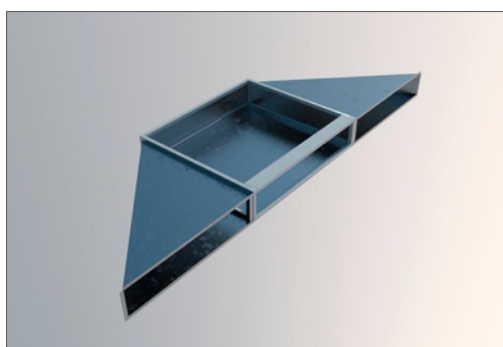
INTERNAL RAMP

AC010 Internal pneumatic ramp	€ 3.500,00
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FRAME

	Price/each
AC011 Frame for filters under grid with variable profile 1200 x 750 x 50 mm	€ 42,00



TRAPEZOIDAL JOINT

	Price/each
AC012 Trapezoidal joint for metal base	€ 380,00



FRONT DOOR

Price/m²

PT001 3-wing front door – max. dimensions 4.120 x h. 4.000 mm.
- thickness 52 mm insulated with rock wool

€ 420,00



FRONT DOOR

Price/m²

PT002 4-wing front door - max. dimensions 4.120 x h. 4.000 mm-
thickness 52 mm insulated with rock wool

€ 450,00



INDUSTRIAL FRONT DOOR

Price/m²

PT003 Industrial front door - max. dimensions 5.000 x
h. 7.000 mm.- thickness 80 mm insulated with rock wool

€ 600,00



MOTORIZED ROLLING DOOR

Price/m²

PT004 Motorized rolling door 6.000 x h. 5.000 mm, thickness
30 mm in aluminum insulated with polyurethane foam

€ 650,00



PERSONNEL DOOR

Price/each

PT005 Personnel door 900xh.2.100 mm with panic push bar and rock wool insulation

€ 1.300,00

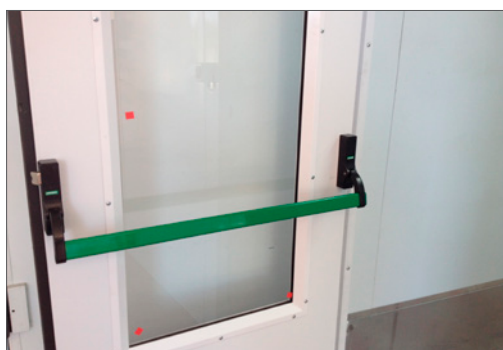


PERSONNEL DOOR

Price/each

PT006 Personnel door 900xh.2.100 mm with pressure opening and rock wool insulation

€ 1.150,00



PANIC BAR

Price/each

PT007 Panic push bar for front wing - personnel door

€ 200,00



LATCH

Price/each

PT008 Latch for front wing- personnel door

€ 70,00



LITTLE HINGE

PT009 Little hinge h.140 mm

€ 80,00



BIG HINGE

PT010 Big hinge h.280 mm

€ 95,00



GASKET KIT

PT011 Gasket Kit for 3-wing front door

€ 350,00

PT012 Gasket Kit for 4-wing front door

€ 400,00

PT013 Gasket Kit for personnel door

€ 150,00



END STROKE SWITCH

PT014 End stroke switch for front door -personnel door

€ 200,00



"CRISTAL" GLASS TYPE

Price/each

PT015 "Crystal" glass " type for standard front door ¾ wings	€	350,00
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GLASS

Price/each

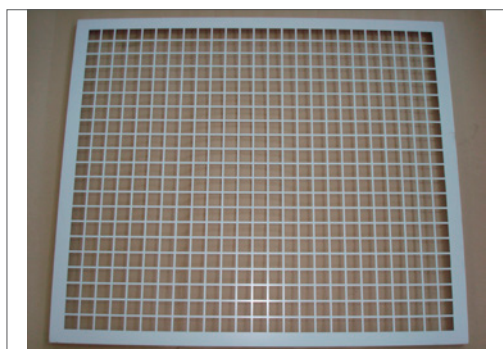
PT016 Glass for industrial front door	€	260,00
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SUPPORTS

PI001 Support kit to hang valances	€	200,00
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FRAME FOR FILTERS

PI002 Frame for filters 1155x935x23 mm	€	65,00
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LIGHT FIXTURE (4TL)

PI003 Light fixture containing 4x fluorescent bulbs recessed into a standard/industrial side panel dim. 1.100 x h. 420 mm	€	200,00
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LIGHT FIXTURE (2TL)

PI004 Light fixtures containing 2x fluorescent bulbs recessed into a standard/industrial side panel dim. 1.100 x h. 350 mm	€	140,00
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LIGHT FIXTURE (4TL)

Price/each

PI005 Light fixtures containing 4xfluorescent bulbs mounted externally into a standard/ industrial side panel
dim. 1.100 x h. 420 mm

€ 250,00

LIGHT FIXTURE (2TL)

Price/each

PI006 Light fixtures containing 2xfluorescent bulbs mounted externally into a standard/ industrial side panel
dim. 1.100 x h. 350 mm

€ 200,00



CORNER LAMP (4TL)

Price/each

PI007 Corner lamps 4xfluorescent bulbs each one
dim. 400 x 400 h. 1.200 mm

€ 480,00

CORNER LAMP (2TL)

Price/each

PI008 Corner lamps 2xfluorescent bulbs each one
dim. 400 x 400 h. 1.200 mm

€ 380,00



COMMERCIAL LIGHT FIXTURE

Price/each

PI009 Commercial light fixture
2x36 W IP65 dim. 1.264 x 121 h. 82 mm

€ 80,00

PI010 Commercial light fixture
2x58 W IP65 dim. 1.564 x 121 h. 82 mm

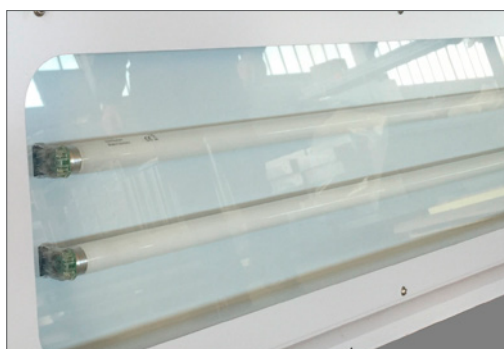
€ 95,00

PI011 Commercial light fixture 2x36 W IP65 dim. 1.264 x 121 h. 82 mm according to ATEX directive

€ 240,00

PI012 Commercial light fixture 2x58 W IP65 dim. 1.564 x 121 h. 82 mm according to ATEX directive

€ 300,00



SAFETY GLASS WINDOW

Price/each

PI013 Safety glass window for light fixture (4xfluorescent bulbs) dim. 1040x380 mm

€ 70,00

PI014 PI014 Safety glass window for light fixture (2xfluorescent bulbs) dim. 1040x290 mm

€ 50,00



FLUORESCENT BULB

Price/each

PI015 Fluorescent bulb 30W for each light fixture

€ 6,00

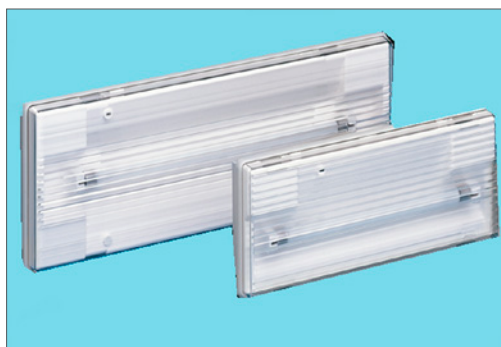


ELECTRONIC REACTOR

Price/each

PI016 Electronic reactor for each couple of fluorescent bulbs

€ 25,00



SELF-POWERED EMERGENCY LIGHT

Price/each

PI017 Self-powered emergency light with fluorescent bulb

€ 250,00



LED FLUORESCENT BULB

Price/each

PI018 Led fluorescent bulb 14W for each light fixture

€ 33,00



MOTOR

CEM001 4 kw motor	€	405,00
CEM002 5,5 kw motor	€	550,00
CEM003 7,5 kw motor	€	650,00
CEM004 9,2 kw motor	€	780,00
CEM005 11 kw motor	€	1.100,00
CEM006 15 kw motor	€	1.200,00



DOUBLE SUCTION FAN

CEM007 Double suction fan AT 15/15 SC for air supply generator/exhaust unit	€	350,00
CEM008 Double suction fan AT 18/13 SC for air supply generator/exhaust unit	€	405,00
CEM009 Double suction fan AT 18/18 SC for air supply generator/exhaust unit	€	420,00
CEM010 Twin double suction fan AT 18/13 G2C for air supply generator/exhaust unit	€	1.335,00
CEM011 Double suction fan ADH 450 for air supply generator/exhaust unit	€	555,00
CEM012 Double suction fan ADH 500 for air supply generator/exhaust unit	€	670,00
CEM013 Double suction fan ADH 560 for air supply generator/exhaust unit	€	920,00
CEM014 Double suction fan ADH 630 for air supply generator/exhaust unit	€	1.030,00



ELECTRICAL SUCTION FAN

CEM015 Electrical suction fan 0,18 kw	€	480,00
CEM016 Electrical suction fan 0,37 kw	€	755,00
CEM017 Electrical suction fan 0,75 kw	€	845,00
CEM018 Electrical suction fan 1,1 kw	€	890,00
CEM019 Electrical suction fan 2,2 kw 4 poli B5 (RL 500)	€	1.925,00
CEM020 Electrical suction fan 3 kw 4 poli B5 (RL 560)	€	2.190,00
CEM021 Electrical suction fan 4 kw 4 poli B5 (RL 560)	€	2.290,00
CEM022 Electrical suction fan 5,5 kw 4 poli B5 (RL 630)	€	3.055,00
CEM023 Electrical suction fan 7,5 kw 4 poli B5 (RL 630)	€	3.100,00
CEM024 Electrical suction fan 11 kw 4 poli B5 (RL 710)	€	3.985,00
CEM025 Electrical suction fan 15 kw 4 poli B5 (RL 710)	€	4.115,00
CEM026 Electrical suction fan 18,5 kw 4 poli B5 (RL 800)	€	5.195,00
CEM027 Electrical suction fan 0,37 kw 4 poli B5 ATEX	€	1.140,00
CEM028 Electrical suction fan 0,55 kw 4 poli B5 ATEX	€	1.240,00
CEM029 Electrical suction fan 2,2 kw 4 poli B5 ATEX	€	1.740,00



BELIMO DAMPER ACTUATOR

CEM030 BELIMO actuator for dampers setting € 260,00



PROPORTIONAL DAMPER ACTUATOR

CEM031 proportional actuator for dampers setting € 400,00



BOILER THERMOSTAT

CEM032 Boiler thermostat for air supply generator unit € 150,00



PNEUMATIC PISTON

CEM033 Pneumatic piston for damper ø 32 mm, fork included € 200,00



PNEUMATIC SOLENOID

CEM034 Pneumatic solenoid for damper piston control.
(connection pipe not included) € 140,00



HOUR METER

CEM035 Hour meter for counting working hours display	€	80,00
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CURTAIN

Price/m²

CEM036 Manual curtain in self-extinguishing PVC. The curtain is white with a transparent screen with carriages, rail not included	€	60,00
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RAIL

Price/ml

CEM037 Rail for manual curtain or sliding bar	€	10,00
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CURTAIN MOTOR

CEM038 Curtain motor	€	600,00
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ADJUSTMENT DAMPER

CEM039 Adjustment damper 500 x 500 for exhaust unit	€	150,00
CEM040 Adjustment damper 600 x 600 for exhaust unit	€	160,00
CEM041 Adjustment damper 1.500 x 600 for exhaust unit	€	300,00
CEM042 Adjustment damper 1.800 x 600 for exhaust unit	€	340,00
CEM043 Adjustment damper 1.120 x 600 for air supply generator unit with side suction	€	280,00
CEM044 Adjustment damper 720 x 720 for aggregated unit	€	220,00
CEM045 Adjustment damper 820 x 820 for aggregated unit	€	240,00
CEM046 Adjustment damper 1.100 x 600 for aggregated unit	€	270,00
CEM047 Adjustment damper 1.220 x 820 for aggregated unit	€	310,00



DRIVE BELT COUPLE

CEM048 Drive belt couple for motor – fan transmission B65-8	€	45,00
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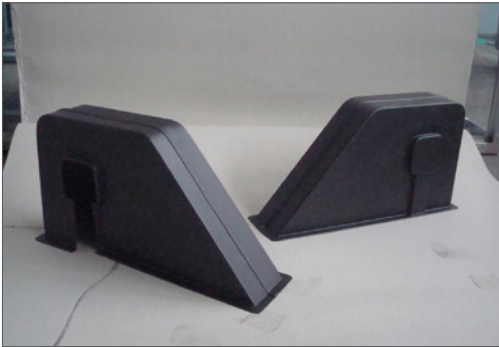
MOTOR PULLEY

CEM049 Motor pulley Ø 140	€	98,00
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MOTOR SUPPORT

CEM050 Motor support with belt tightener device (plate)	€	78,00
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HINGE COVER

CEM051 Hinge cover for transmission in units with external motor

€ 90,00



HEX KEY ELEMENT

CEM052 Hex key element for inspection door air supply generator/exhaust unit fixing (blocca pannello)

€ 14,00



FIRE DAMPER FUSE

CEM053

€ 50,00

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