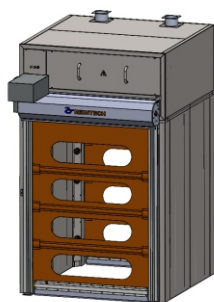


TECHNOLOGY FOR CONTAMINATION CONTROL

CHV - M
CHUVEIRO DE AR DE MATERIAIS



REINTECH



CHV-M-MATERIAL AIR SHOWER

The Material Air Shower REINTECH is a equipment to mitigate contamination working with filtered air jets with controlled velocity. Can be used in entrance or exit of materials in productive areas, in accord to the product manipulated.

STRUCTURE

Insufflement columns made in AISI 304 stainless steel brushed, totally soded and smooth
Gray insufflement PVC nozzless
Internal and external trimming in apparent AISI 304 stainless steel
Ceiling of folded AISI 304 stainless steel plate
Superior maintenance point to the less clean side

ACCESSORIES

High-speed roll-up doors is white RAL 9003 paint and orange tarpaulin, with reversins doorstop and triggered by frequency interver
Lever for manual opening of the roll-up doors for maintenance
02 inputing LED lamps with 18W 6.000K
Perfured stainless steel grade for return
Rounded corners in anodized aluminium in INOX installed on internal floor
Analogue manometer from 0 to 750 Pa for insufflement filter H13
Compressed nozzles for air jets of AISI 304 stainless steel (4x)
Compressed air lung

AIR TREATMENT

Electronic recirculation fan
Filter HEPA 13 insufflement gasket*When applicable
Filter HEPA test tree
Air jet velocity $\Rightarrow 15 \text{ m/s}$ *for insufflement nozzles
Return with filter G4/ Constant airflow
Air return input on the sides next to the equipment floor
Perfured AISI 304 stainless steel grid for air return
Terminal insufflement and exaustion box of AISI 304 stainless steel
Filter H14 with continuous gaxet fixation
Internconnecting aluminium duct ($\varnothing 6''$)
External connection for ducts
Filter test system incorporated
Tightening test points
Filter cargo loss lecture points AISI 304 stainless steel protection grid

AUTOMATION

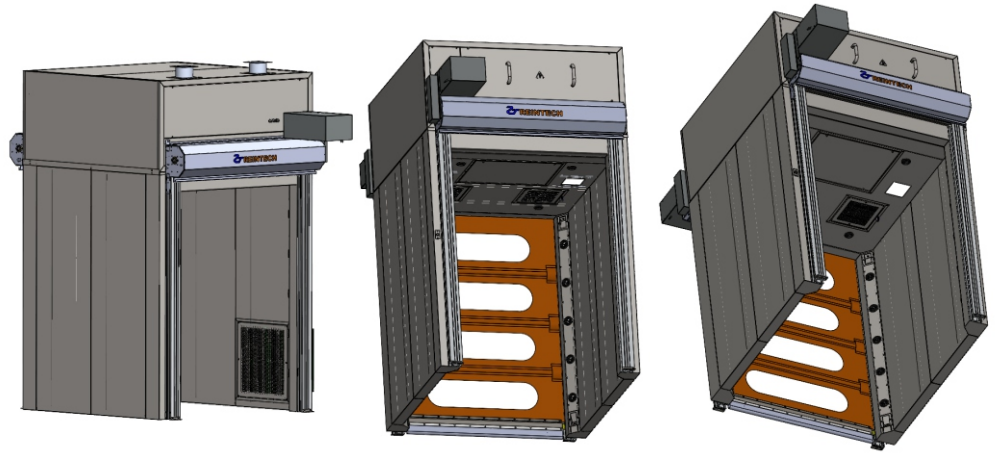
Protection and command electric panel
Industrial PLC with ETHERNET
Audible and Visible alarm
Emergency button visual green/red
Open/closed door magnetic sensor
Normal doors closed Interlocked doors
Standard equipment 380 V (3F + N + PE)
Emergency electric buttons external and internal
IHM 7" at the equipment front
Regulator manometer and drying line filter

PADRONIZED DIMENSIONS

	WIDTH	DEPTH	HEIGHT
EXTERNAL	1800mm	1800mm	3750mm
USABLE	1400mm	1400mm	2000mm

PALLETS MOVED ON LONGITUDINAL ORIENTATION – 1.000 mm (ENTRANCE)

Note: Measures without threadmill



OPCIONALS

Other stainless steel alloys
L shaped construction
Antistatic ionizer bar (4 x 7,5 Kv / 220 V / 4 exits)
Integrated transport threadmills
Double Vitreous Doors – PRTV
IHM 12" CFR 21 Part 11 system
Internal pressure sensor
Filter HEPA pressure sensor
Filter HEPA pressostat
Certified analogical manometer from -50 to +50 Pa – Room
Presence sensor for door opening: metallic mass and personel
Terminal box installation for insufflement and return/ exhaustion and ducts
Terminal box filters
External ventilation units + ducts
External exhaustion units + ducts
Electric panel to complement ventilation and exhaustion units
Lateral downspouts at the floor for cable passage
Lateral maintenance door to access the treadmill
Terminal filter H13 for air return *confirm final dimensions
Filter H14*additionally + or – 20% initial air cargo loss
Bag in bag out filterEquipment 220 V (3F + PE)
Equipment 440 V (3F + PE) *for this tension use a transformer

REINTECH DIFFERENTIALS

Connection with HVAC system
Diverse constructive alternatives
Diverse logical operating possibilities
Diverse purveyance options
Integrated cycle and doors interlocked
Possibility to integrate the system with a threadmill

