



COLDTECH

Hospital doors
Airtight
Watertight

Hospital doors



Controlled atmosphere environments (hospitals, clinics, rehabilitation units, nursing homes, centers for the disabled, nursing homes, clinics, medical offices, dental offices)



Operating rooms



X-ray rooms



Cleanroom

Other sectors



Pharmaceutical industry



Salt hacking recording environments and sound-insulated



Electronics workshops



Testing laboratories (pharmaceutical and or chemical)



Hospitals, clinics, care and nursing homes are all places built to look after people's health and well being, and are used by people with reduced mobility, such as orthopaedic and geriatric wards, or by people who may need to be moved around on wheelchairs or stretchers.

Hospital doors used by the health industry is

not an option, but an essential requirement. Coltech, the automatic entrance specialist, offers a wide range of automations for civil, industrial and commercial buildings without forgetting the special requirements of the health industry, the hospital doors.

Specially shaped rail guards against derailing throughout door travel stroke.

Casing is hinged and locks in open position for easy servicing.




Bottom rail is 40 cm above the ground, requiring no additional floor mounting points for simpler installation and cleaning.



All prewired electrical cables are concealed in the frame, while the rugged control panel is flush with the frame



Automation

 Custom-designed for safe, precise operation in extreme operating environments. the control logic has been specially developed for cold storage doors, allowing it to be adapted to all operating requirements.

As standard, the automation comes complete with airtight electrical panel and prewired control panel inserted in the frame upright, ready for connection to the electrical mains without any need for complicated adjustments and wiring.






Programming takes place in autolearning mode on first start-up and functions can be selected on a display using just two buttons. positioning control is provided by an encoder allowing continuous monitoring of the entire automation and detection of any obstacles.




A wide range of optional accessories are available.



Control Logic


Technical specifications

-  Power supply 230 V single-phase
-  HIGH-TORQUE 24 VDC motor
-  Opening and closing deceleration functions controlled by PWM modulation and encoder with no need for limit switches
-  Operating assured even in case of power failures thanks to the buffer batteries
-  Obstacle detection with four sensitivity levels programmable to suit the door's dimensions

-  Panic opening allowing a person to exit triggered by just operating the lever handle
-  Closure hammer blow to increase gasket compression against the frame
-  Control panel and board wired on the door



Manual

 Model manual sliding freezer door. essential for low temperature retention in freezer cold stores. double gaskets and electrical heating element incorporated in frame or panel.

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Materials

Door panel surface are available in the following materials

PV coated galvanized steel

PL plastic coated galvanized steel

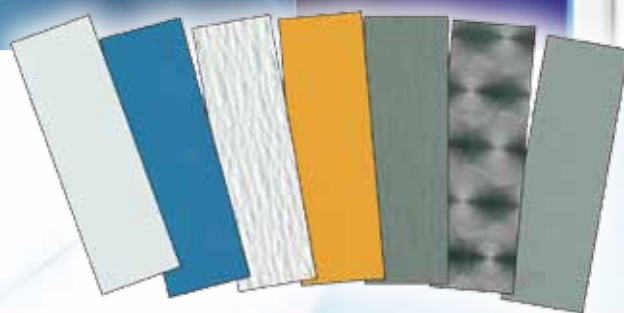
GL glasbord

PLX plastic coated stainless steel AISI 304

SBX Axial smoothing Scotch Brite finish stainless steel AISI 304

FLX Circular depolishing stainless steel AISI 304

2BX 2B finish stainless steel AISI



PV PL GL PLX SBX FLX 2BX

Colours

When doors in different production areas have to be differentiated, a range of colours applicable to all our door models is available. The paints used are non- toxic and suitable for the food industry, and light ad UV- fast



Colours	RAL	PL	PV	PLX
Pure white	9010	◀	◀	◀
Grey white	9002		◀	
Signal white	9003	◀		
Sky blue	5015	◀		
Light blue	5012			◀
Moss green	6005		◀	
Mint green	6029			◀
Flame red	3000	◀		
Traffic red	3020			◀
Rape yellow	1020	◀		◀

Doors with CE approval

COLDTECH

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