

INTERNAL SPARK FREE LABORATORY REFRIGERATORS MODELS CSS FROM +2° C TO +14° C

- Specifically designed to store volatile and flammable liquids, reagents, chemicals, poisons and samples, below the ambient temperature to reduce the risk of internal explosions
- Temperature range from +2° C to +14° C
- Digital temperature controller with digital display
- Pt1000 probe of 0.1° C accuracy on the display

TECHNICAL SPECIFICATIONS

- Solid door and big sized handle
- Two side opening door, right or at left opening available (please indicate at the order, factory adjustment)
- Security lock with keys on the door
- Spark free internal chamber
- Models with natural air convection system
- Evaporator with automatic defrost
- Isolation of 60 mm of high density injected polyurethane, CFC and HCFC free
- Cooling gas R600, CFC and HCFC free, biodegradable
- Hermetic compressor, built over dampers, low noise <48dB
- Internal chamber of ABS (post formed polypropylene)
- Round corners for easy cleaning
- External body of carbon steel, epoxy coated
- Internal shelves of plastic coated steel wire, adjustable in height
- Magnetic perimeter gasket on the door, to ensure a perfect airtight closing
- Feet size adjusts equipment height
- Tropical treatment, to allow work until +42° C working area temperature, with 85-90% R.H.

OPTIONAL ACCESSORIES

- Audible and visible independent alarms for max. and min. temperature, also alarms for probe and power failure; all alarms with battery back-up
- Temperature circular chart recorder 7 days, main powered with independent battery back-up; works even with power failures, (increase equipment high 200 mm)
- Indication for door open, with audible and visible alarms
- Alarm sound stop switch, protected with key
- On/Off retro-illuminate power switch
- Lock code protection of the control by numerical password
- Data loggers
- Base with 4 wheels, for easy movement
- Set of stainless steel drawers with telescopic guides
- Storage racking systems and dividers for drawers
- Port holes
- Humidity controller

WARNING, IMPORTANT NOTE:

This equipment is named “as increase security spark free”, as high security equipment. This is because there isn't any component inside of the chamber that could generate sparks or any fire starter.

This performance makes the equipment able to store organic solvents and corrosive acids. But it is essential to remark that this equipment, as equipment in self, is not to store fire or explosive products, neither are explosion proof.

Warning!!!!

“This equipment is not explosion proof”.

Is according norm ATEX 98/9/CE



CSS 360 with chart recorder and alarms

+4°

Models	Capacity in Litres	Internal/External	N° of shelves	Power in W	Compressors HP	Internal Dimen. in mm wide x depth x high	External Dimen. in mm wide x depth x high	Weight/Pack net/gross	Vol/Pack m³
CSS 180/UC	180	ABS/Epoxy	3	130	0,2	513 x 441 x 540	600 x 600 x 850	65/85	0,5
CSS 180	180	ABS/Epoxy	3	130	0,2	513 x 441 x 702	600 x 600 x 1050	65/85	0,6
CSS 260	260	ABS/Epoxy	4	150	0,2	513 x 441 x 1047	600 x 600 x 1216	75/95	0,75
CSS 360	360	ABS/Epoxy	5	170	0,4	513 x 441 x 1418	600 x 600 x 1590	85/105	0,85
CSS 500	500	ABS/Epoxy	5	170	0,5	652 x 537 x 1338	752 x 710 x 1516	100/120	1,1

1 cu ft = 28,3 litres. 1 inch = 25,4 mm.