

Object and applications

The purpose of the present specification is to describe the minimal technical requirements of the locker.



Technical requirements

Generalities

The construction is all welded without bolts. All burrs are removed to avoid injuries.

Material & Assembly

Steel sheets and strips are cold-rolled and of commercial quality. The assembly is done by spot welding and "mig" welding. Average thickness and tolerance are shown in Table 1 in accordance with the "U.S. Manufacturer’s Standard Gauge Numbering System" (M.S.G.)

The thickness of the components is indicated in Table 2.

TABLE 1

Thickness and tolerance of the steel sheets		
Gauges	Average thickness (inches)	Tolerance (+/- inches)
12	0.105	0.009
13	0.090	0.007
14	0.075	0.006
15	0.067	0.005
16	0.060	0.005
17	0.054	0.005
18	0.048	0.004
19	0.042	0.004
20	0.036	0.004
21	0.033	0.003
22	0.030	0.003
23	0.027	0.003
24	0.024	0.003

TABLE 2

Components	Gauges	Material	References
Frame	16 M.S.G.	C.R. Steel	1
Top	20 M.S.G.	C.R. Steel	2
Sides	24 M.S.G.	C.R. Steel	3
Back	24 M.S.G.	C.R. Steel	4
Bottom	16 M.S.G.	C.R. Steel	5
Door	20 M.S.G.	C.R. Steel	6
Interior door	20 M.S.G.	C.R. Steel	7
Hinges	14 M.S.G.	C.R. Steel	8
Hasp	11 M.S.G.	C.R. Steel	9
Shelf	20 M.S.G.	C.R. Steel	10
Recessed Base	16 M.S.G.	C.R. Steel	11
Sloping top	20 M.S.G.	C.R. Steel	12
Handle	20 M.S.G.	GALV.	14

* C.R.: Cold roll

TABLE 3

Available sizes	
Details	Size
Width	7" to 24"
Depth	4" to 36"
Height	8" to 84"
Number of doors	1 to 16
Number of units	Single, double, triple

Standard accessories included per door

One tier: one shelf, three hooks, hasp mechanism.

Two tiers: two hooks, hasp mechanism.

From three to six tiers: hasp mechanism.

We offer a wide range of colours, as well as accessories such as lock, numbering plates, recessed base, sloping top, hanging bar, etc... designed to meet all your requirements.

Construction

Frame (1)

The frame is equivalent in thickness to a (16 MSG). The frame is made from steel strips bent at 90° in triple flange. The frame is crushed to receive the locker’s door giving a door stopping full height.

Top (2)

The top is made of one piece. The back and the sides of the top are folded to the bottom at 90 degrees.

Sides (3)

The sides are made of one piece. They are welded to the frame and back.

Back (4)

The back is made of one piece and welded inside the folds on the sides and the folds of the top. In the case of the double & triple units, the back, of only one part, takes support on interior divisions.

Bottom (5)

The bottom is made of galvanized steel in continuous process. The back and the sides are folded to the bottom at 90 degrees. The bottom is provided with eleven holes of 3/8" diam. The bottom is inclined to the front.

Door (6)

The door with double wall is embedded in the framing. The interior wall of the door with the outside are securely welded. Twelve ventilation openings of 1" X 1/4" are practised in the top and the bottom of the door for one (1) and two (2) tiers high and only in the top for three (3) to six (6) tiers high.

Interior door (7)

The inside door panel is assembled by "mig" welding with the exterior door.

Hinges (8)

The hinges are made of C.R. steel and have each one 2 1/2" with five articulations retained by a riveted steel pin giving an opening of 180 degrees. The doors of more than 48" high have three hinges and those lower than 48" have two of them.

Hasp (9)

The hasp is welded to the exterior frame fold of by "mig" welding and allows the easy installation of the lock.

Shelf (10)

The back and the sides of the shelves are folded with 90 degrees downwards. The front is made of an edge with triple folds at 90 degrees.

Recessed base (optional) (11)

The base is made of a 4"U-shaped steel frame and assembled by spot welding. The front part of the base presents a recess. The base has a smooth finish to avoid any damages.

Sloping top (optional) (12)

The sloping top is folded in angle in the front and the back to fix it at the locker. The obturators are made up of only one part and fixed to close the side openings ranging between the top of the locker and the top of the tilted roof. The sloping top is help by intermediate supports at every three (3) feet. The cover-joint for the tilted top is used to close the open space of each group of lockers. The obturators, cover-joints and sloping tops are retained to the locker by rivets.

Also in option:

- Sloping top corner
- Flat top corner
- Back for sloping top
- Mouldings

For all other available accessories, please consult our price list / product guide.

Numbered plate (optional) (13)

Black plastic plates are numbered with white engraved numbers. The plates are recessed and securely fixed to the door with rivets.

Handle (14)

The handle is recessed for each of the doors and allows the passage of a hasp to receive a padlock.

Coat Hooks (15)

Hooks are made of 14G flat steel welded to the inside panel. The ends of the hooks are round. The standard locker has:

- One (1) tier high: three (3) single hooks including two on the side panels and one in the center of the back.
- Two (2) tiers high: two (2) single hooks on the side panels.
- Three (3), four (4), five (5) and six (6) tiers high: no hooks.

Latch (16)

Each door is provided with a magnet maintaining the door closed in its normal use and also being used as stop.

Finished surface

Steel is polished until complete disappearance of any imperfection on surface. Steel is cleaned and protected from corrosion using a phosphate treatment.

Painting (Baked enamel or powder coated optional)

Painting is cooked at 350 degrees and its gloss is 40 to 45%.

Disposition towards quality control

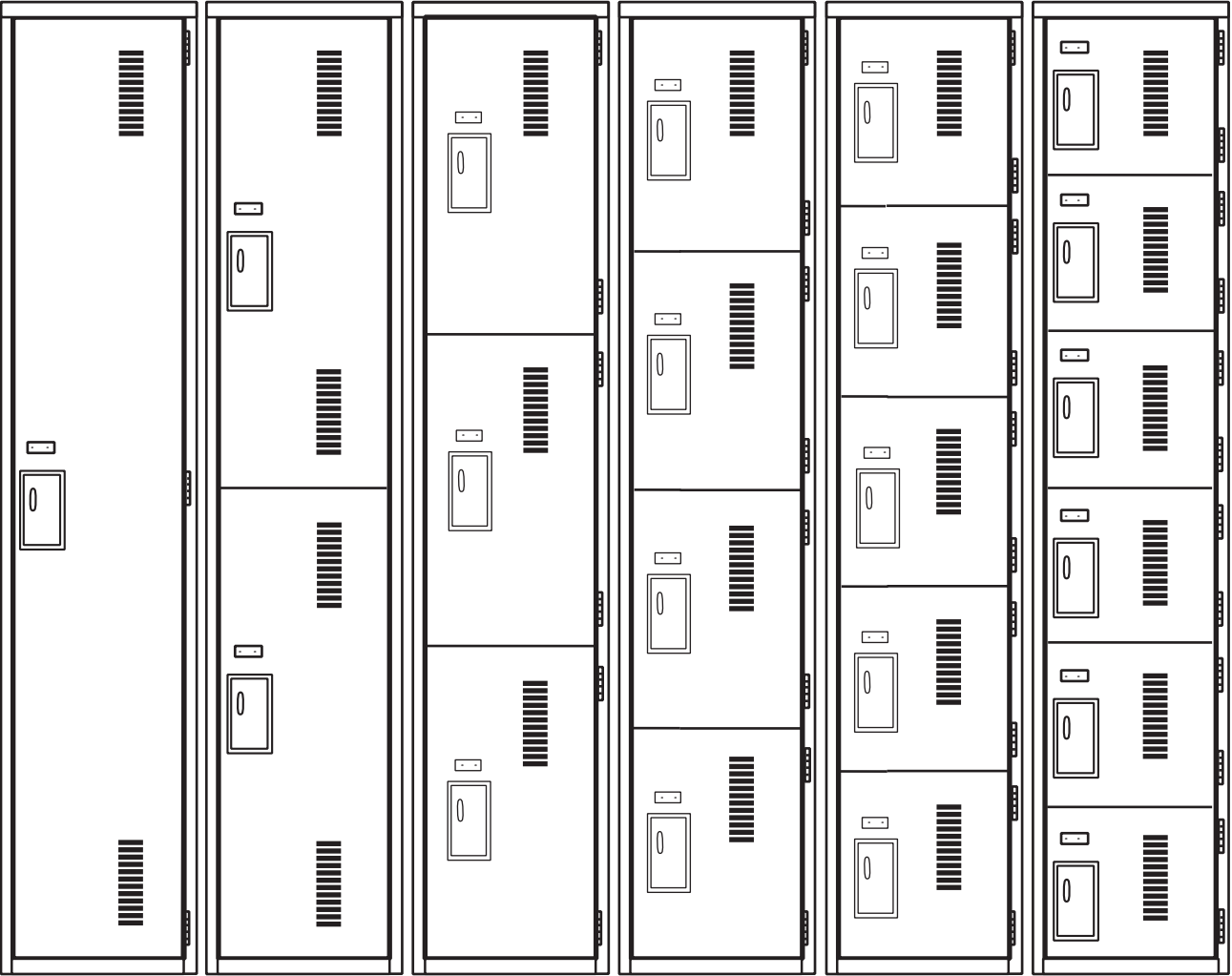
Perfix operates under ISO 9001:2015 manufacturing standards to ensure constant and superior quality to all its customers.

Warranty

All products manufactured by Perfix have a one (1) year full warranty from invoice date against all fabrication defects. No warranty against rust is applicable if installed near a pool or a humid area.

LOCKERS “F70” SERIES

TECHNICAL SPECIFICATIONS



HEAD OFFICE - SHOWROOM - PLANT



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