The "Chatel" range of safes by Fichet-Bauche



880

Capacity: 880 litres, 31.5 cu. ft Approximate weight: 2,100 kg

Inside measurements in mm; height: 1,660 - width; 1,020 - depth; 510 scross shelves

Overall outside dimensions in mm: height; 1,870 - width: 1,210 - depth; 830 overall

Door clearance in mm: height: 1,660 - width: 1,020

Standard interior fittings: 5 removable shelves

Number of boits:

right-hand door: 2 top bolts - 5 side bolts - 1 bottom bolt

1 security bolt operated by "Monopole" key

left-hand door: 4 spring-bolts operated by the door handle and blocked by closure of the right-hand door





109

Capacity: 110 litres, 4 cu. ft
Approximate weight: 635 kg
Inside measurements in mm:
height: 655 - width: 455 - depth: 360 across shelves
Overall outside dimensions in mm:
height: 365 - width: 660 - depth: 680 overall
Door clearance in mm:
height: 655 - width: 455
Standard interior fittings: 2 removable shelves
Number of boits:
2 top boits - 2 side boits - 1 bottom boilt
1 security boilt operated by "Monopole" key



182

Capacity: 182 litres: 6.5 cu lt
Approximate weight: 845 kg
Inside messurements in mm
height: 830 - width: 510 - depth: 420 across shelves
Overall outside dimensions in mm
height: 1,040 - width: 715 - depth: 740 overall
Door ctearance in mm
height: 830 - width: 510
Standard interior fittings: 2 removable shelves
Number of bolts:
2 top bolts - 2 side bolts - 1 bottom bolt
I security bolt operated by "Monopole" key



305

Capacity: 304 litres, 11 cu, ft
Approximate weight, 1,180 kg
Inside measurements in mm.
height, 1,180 - width, 600 - depth, 420 across shelves.
Overall outside dimensions in mm.
height, 1,390 - width, 805 - depth, 740 overall.
Door clearance in mm.
height, 1,180 - width, 600
Standard interior fittings, 3 removable shelves.
Number of botts.
2 top botts - 3 side botts - 1 bottom bott.
1 security bott operated by "Monopole" key.



471

Capacity 471 litres, 17 ca. II

Approximate weight, 1,450 kg
Inside measurements in mm.
height, 1,480 - width, 740 - depth, 420 across shelves.

Overall outside dimensions in mm.
height, 1,690 - width, 945 - depth, 740 overall.

Door clearance in mm.
height, 1,480 - width, 740.

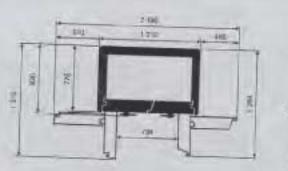
Standard interior fittings, 4 removable shelves.

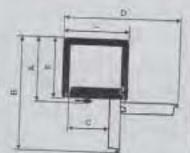
Number of bolts.

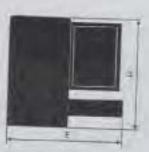
2 top bolts - 4 side bolts - 1 bottom bolt.

1 security bolt operated by "Monopole" key.

OUTSIDE DIMENSIONS







Model	Hught	Width	Depth	A		P		
100	865 mm	860 mm	628 mm	Contract Con	-	C	D	E
199	34"	26	24 34"	680 mm 26 3.4	43 t/4"	305 com	1106 mm	
109	1215 mm	550 mm	0.29 mm			13.	12 (2),	
(on plints)	47.6/6	20	24.3/4"	860 mm 25 3/4"	1100 mm 43 1/4	308 mm	1106 mm	1118 mm
182	1040 mm 41	715 mm 26 1/9"	685 mm 27"	748 mm 29 1.0	1215 mm 47 68	363 mm	43 1.2" 1816 emi	46 1/2
182	1910 mm	715 am	686 mm	740	1 22 22 22	MYE	67.1(21	
us párth)	54.34**	25 1/8"	27	740 mm 29 1.8	1215 mm 47 68	363 mm	1216 mm	1233 mm
100	1390 mm	805 mm	683 mm	440	TAMAS STATE OF THE		47 1/2	48 12
- 100	54 3/4"	31.34	27	740 mm 29 t/m	1306 tmii 51-3.6"	ASS mm	1396 mm	
671	1890 mm	345 mm	ette in		01-010	17-7/W	等	
	66 1/2	37.7/6"	685 mm	740 mm	1445 mm	593 mm	1678 mm	
Control	1870 mm	1000		29 1/6"	56.7/8"	33 1/2	56"	
M00	75 5.8°	1210 mm 47.5/8"	778 mm 30 59"					

TECHNICAL	DATA
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Model	Citatute dimensions			1 5 5 5	inside dimensions			
	Heapit	With	Dagth	Height	Wast	200	Capacity	Weight
109	855 mm	660 mm 28	680 mm	655 mm	485.mm	Depth 380 rom	110)	-
109	1215 mm	660 mm	26 3/4" E80 mm	25.34	17.721	380 (mm 14. t/a**	4 du.ft	635 kg 12.5 cm
on slinsh)	47.68	25	28.34	655 mm 25 3/4	458 mm 17.7.8	350 mm	1101	680 kg
182	1040 mm 41	715 mm 28 1/8"	740 mm 29 1/8"	830 mm	510 nm	#20 mm	1821	13.5 cM
182	1350 mm	715 mm		22.54"	10.	16 1/2	6.5 cu.ft	845 kg 16.5 cwf
tan piintn)	54.3/1"	28 1/8	740 mm 29 1/8	830 mm 32 5/8	510 mm 20"	420 mm 16.1/2"	1621	895 kg
305	1390 mm	805 mm	740 mm	1180 mm		- 12	55 to 8	15 ovt
1000	54 3.4"	31 1/4	29 1/8	10.17	21 5/8"	430 mm 16 1/2		
471	1690 mm 66 1/2"	945 mm	740 mm	1480 mm	740 mm		31 cu.h	23 cm1
100	-0541	37 1/4"	29 1/0	58.14	28.1/8"	420 mm 16 1/2"	471 I	1450 kg
560	1870 mm 73 S/8	1210 mm 47 5/8"	32 5-8"	1860 mm 85 3-8	1020 mes	210 mm	880	28,5 cert.

DIMENSIONS OF INNER CUPBOARDS

Model	External dimension			Internal dimensions.					
	Height	Water	Dipth	Height	Width	Death		Nº of dates	Weight
109 224 mm £ 3.4"		339,5 mm 13 3,6"	154 mm 7-14	391 mm	THE PROPERTY.	214 movines			
182	224 mm	500 mm	395.5 mm	184 mm	15.3/L	12 3 E. Hour	10.347.0cs	1	15 kg
305	224 mm	19 3.9" 590 mm	15.34"	7.1/4"	17.7/6	376 invalence 34 1/4"/ideor	334 mm/scs 13 1/8"/lack	1	18 kg 0:35 cw
200	814	23 1/4"	399,5 mm 15-3/4"	7 1/4	543 mm 21 a.e.	3/E mm/door	- 214 mm look 13 1/8 / loca	1	0 40 De
471	524 mm 6 3/4	730 mm 88 34 "	399,5 mm	184 mm 7 t/4"	683 mm 26 7/8"	375 mm/dbor	334 mmilock		24 kg
180	224 mm	1005 mm	469,5 mm	184 mm	954 mm	14 1/4 Ideor	13 1/8"/losk		0.50 cwt
e can be	8 3.4"	39 3.47	18 1/2"	That's	37.10	466 mm/das/ 18 J.B. Sport	424 mm)cm	1	27 kg 6.75 ms

Rational security equipment.

The CHATEL range has been planned and designed by Fichet-Bauche to provide rational security equipment for incorporation into a more comprehensive system of protection (including, for example, electronic alarms) which will depend on the level of risk specified by the security officer. Fichet-Bauche specialists are available to assist him in assessing the situation.

Factors affecting the choice of safe

The ability of a safe to withstand the efforts of potential thieves is a quality which it is particularly hard to define. The tools used to violate safes are highly varied and include:

- mechanical tools, e.g. drills, wedges, disc cutters and jacks,
- thermal equipment (oxyacetylene cutters), and

explosives.

Apart from this, the client has to bear a wide range of factors in mind when choosing an appropriate safe, for instance:

- the importance of the articles to be kept in the safe,
- the place in which the safe is to be installed, and
- any additional security provided by the surroundings.

Fichet-Bauche know-how

Besides the armour-plating to withstand attacks by modern portable drills, the walls of CHATEL safes are constructed to resist stubbornly and retard the effects of thermal equipment such as oxyacetylene cutters.

The design, security, layout and diversity of the various parts making up the locking mechanism of CHATEL safes are the outcome of Fichet-Bauche know-how gained from 150 years of professional experience.

The pleasing appearance of the CHATEL range has been one of our prime concerns.

The doors, which are mounted on inside pivots, swing open to a full 180°. They are, in fact,



combination look, handle and position of the keyhole

The Fichet-Bauche "Monopole" key

High-security locking mechanisms.

Fichet-Bauche are one of the few safe manufacturers in the world who design and make all their lock mechanisms and combinations. This fact, in itself, is a prime guarantee of reliability and independence.

The basic version of the CHATEL safe is equipped with the following locking devices:

The main key lock

This "Monopole" lock is precision-made and is operated by a circular 8-lever key which is neither marked nor capable of imitation. The locking mechanism is made to suit its own specific key.

The combination lock

The "Monocommande" combination lock provides the virtually inexhaustible possibilities of 63 million actual combinations. The device, which is extremely simple to use, has been designed to frustrate any attempt to establish the combination illicitly by "feel".

Should any attempt be made on the door or the locking mechanism with thermal or mechanical equipment, or with explosives, a number of relocking devices, which are kept in a state of permanent readiness, are shot home and block the door securely in the closed position, additionally live relocking devices go into operation each time the door is locked.

The double-purpose handle

The handle comprises a moving part for operating the bolts and a fixed part for opening and closing the door.

If requested, other locking mechanisms can be fitted to this range of safes.

Every design feature gives that added security.

The few examples which we give below are only intended to illustrate some of the points which are vital to the effectiveness of a safe. It is wrong to think that this effectiveness lies merely in the strength of the walls.

The interlocking grooves

The doors and bodies of CHATEL safes are provided with recessed sections designed to interlock when the door is closed. This arrangement gives additional protection against fire and helps to frustrate any attempt to separate the door from the body of the safe.

The sliding bolts

All the bolts fitted to CHATEL safes have a sliding mechanism which greatly increases the ability of the safes to withstand the tractive forces exerted when attempts are made to pull the door away from the body.

The time lock

From model 182 upwards, safes can be fitted with time locks which prevent them from being opened for periods up to 160 hours at the client's wishes.

Fixing

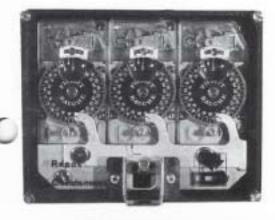
Normally, all CHATEL safes are provided with holes in the base of the safe to accommodate fixing bolts.

Inside alarm system

The fitting of an inside alarm system can be performed as a standard operation without any difficulty.

Deposit facilities

A deposit drawer (side or rear entry) is available on CHATEL 182 - 305 - 471 sizes.



The Fichet-Bauche time lock

The -EHATEL- safe placed in a furnish and.



rested for 60 minutes up to 925°D.



which kept its accuments intact.

Effective protection against theft and fire.

Fichet-Bauche, who keep abreast of the new techniques and styles employed by thieves throughout the world, incorporate in their safes a number of protective features which greatly impede the efforts of the safebreaker. The CHATEL safes represent one of the results of this constant research combined with Fichet-Bauche's long experience in this particular field

Double protection

The essential purpose of a safe is to protect its contents against theft. At the same time, it should also afford adequate protection in case of fire. CHATEL safes do provide this additional safeguard.

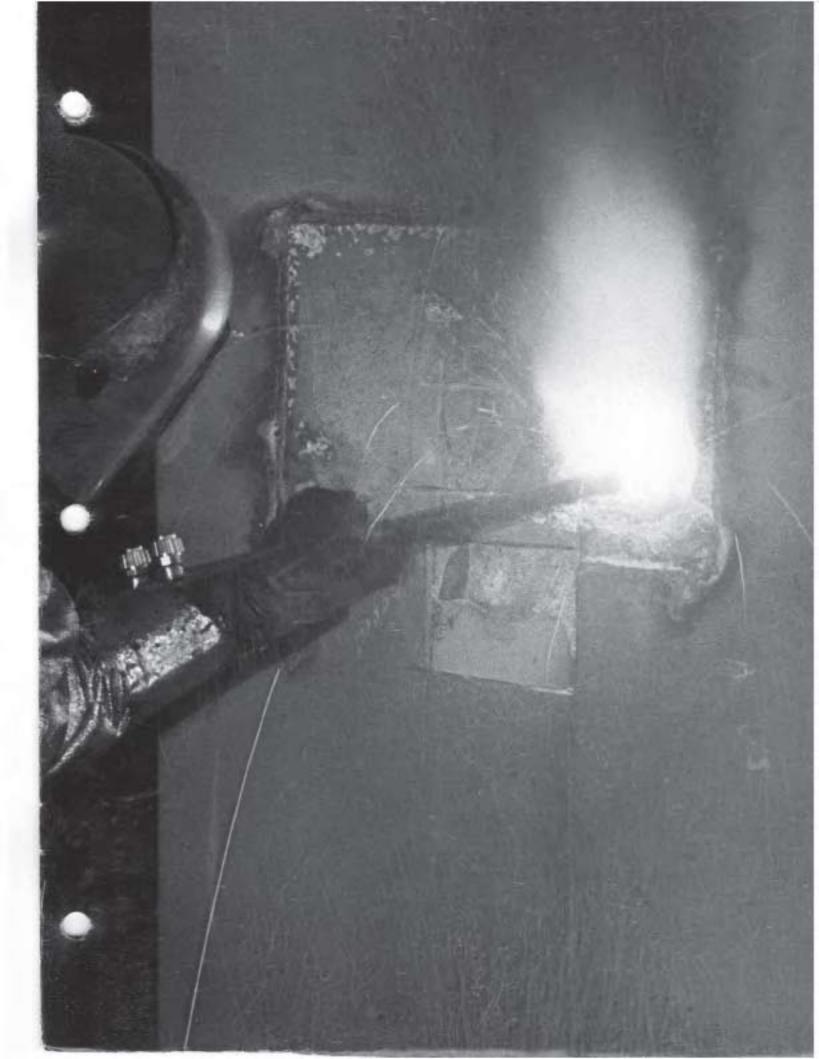
Testing resistance to fire

On 15th February, 1977, a CHATEL 305 safe successfully underwent a test of its resistance to fire carried out by the Scientific and Technical Centre for Building Construction (C.S.T.B.) in Champs-sur-Marne.

In this test, papers are placed inside the safe which is then bolted and heated in a furnace for a period of 60 minutes up to a temperature of 925 °C. Remember that paper ignites spontaneously at 177 °C, even when not in contact with an open flame.

A conclusive test

The protection against fire provided by Fichet-Bauche was shown to be effective. During this test, the inside temperature of the CHATEL safe did not rise above 100 °C. The documents placed inside were recovered intact.



AVAILABLE UPON REQUEST: SAFES ON PLINTH

109



182





For turther information apply to:



HET-BAUCHE

FICHET-BAUCHE Head office 15-17_ovenue Morane-Saulnier 78141 Vélizy-Villacoublay Cedex Tel. (7) 946-96-44

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