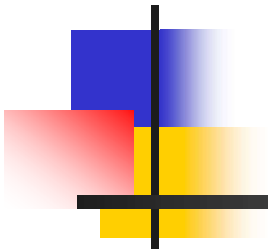


BURGLAR – RESISTIVE SAFES & FIRE – RESISTIVE SAFES



Security & Safty

ISO9001
ISO14001

Kumahira

February, 2024



YOU FEEL SECURE WITH KUMAHIRA SUPERIOR SAFE SERIES

KUMAHIRA Burglar-Resistive Safes and Fire-Resistive Safes have the purpose and feature for each.

Burglar-Resistive Safe is suitable to protect money, important documents against robbery and fire. When you attach importance to Fire-Resistance, you can choose Fire-Resistive Safe which protects the documents from fire.

You can choose the best safe from KUMAHIRA SAFE SERIES.

BURGLAR-RESISTANCE PERFORMANCE

KUMAHIRA ALLOY - Exclusive Protective Armor Plate -

Kumahira Alloy has a superior protection feature against acetylene torch, drill and attack.
<GM Series, GAC Series>

ACETYLENE TORCH TEST



An oxy-acetylene torch cannot penetrate Kumahira Alloy.



DRILL TEST



Proved completely effective against attacks by super-hand tip drill.



SHOCK TEST



1,500 kg metal ball was dropped on a slab of Kumahira Alloy from 4m height. Kumahira Alloy was not damaged.



BURGLAR-RESISTANCE PERFORMANCE

BURGLAR-RESISTANCE STANDARDS

(Authorized by 日本セーフ・ファニチュア協同組合連合会 :

The Federation of Japan Safe Furniture Cooperatives)

- Burglar-Resistance Standards in JAPAN -

Burglar-Resistance Standards are divided into various classes (TRTL/ TL/ TS) depend on the test method and tool.

TRTL (Endurance Test against Torch and Tool)

TRTL is the standard to be endured for the specified time by burning off with gas burner and breaking with tools like hammer or drill. Test time is 60 min. for TRTL-60 and 30 min. for TRTL-30.

<GM Series (TRTL-60)/ GAC Series (TRTL-30)>



TL (Endurance Test against Tool)

TL is the standard to be endured for the specified time by breaking with tools like hammer or drill.

Test time is 30 min. for TL-30 and 15 min. for TL-15.

<GSA Series (TL-30)/ TSA Series (TL-15)>



TS (Endurance Test against Tool)

TS is the standard to be endured for the specified time by breaking with tools like bar or graver. Test time is 15 min. for TS-15.

<FAC Series, FM Series>



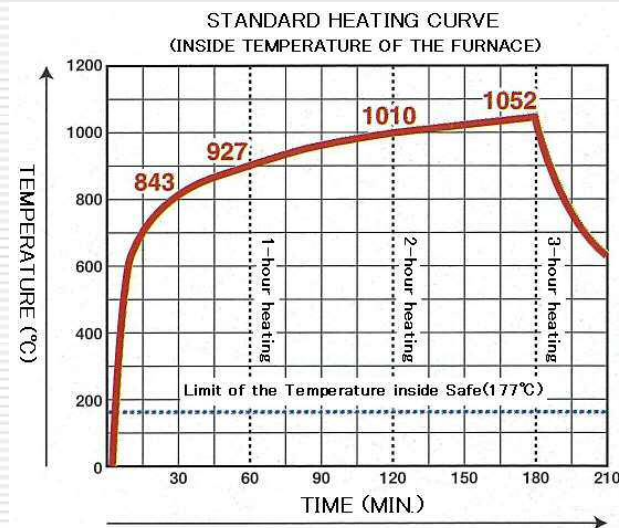
FIRE-RESISTANCE PERFORMANCE

FIRE-RESISTANCE STANDARDS

(Authorized by JIS ; Japanese Industrial Standards Committee)

- Standard Heating Test for Paper -

The test pieces (newspaper) are put inside the safe and the safe is heated in the furnace for necessary hours.
(Temperature inside the furnace - 1-hour : MAX 927°C 2-hour : MAX 1010°C 3-hour : MAX 1052°C)
The inside temperature of the safe should be kept under 177°C during the test.
After heating, the test pieces are checked.



FIRE-RESISTANCE PERFORMANCE

FIRE-RESISTANCE STANDARDS

(Authorized by JIS ; Japanese Industrial Standards Committee)

- Rapid Heating/ Impact Test for Paper -

Rapid heating and impact test is the test to confirm the strength of the safe in case of the fire accident at gas station or chemical factory which is supposed to rapid high-temperature.

Before putting the safe into the furnace, heat the furnace and keep at 1090°C. Then, put the safe into the furnace and heat it for 30 min. at 1090°C.

Additionally keep heating 30 min. for 3-hour fire-resistance safe

15 min. for 2-hour fire-resistance safe

0 min. for 1-hour fire-resistance safe,

and drop the safe from 9.1m height.

And then, start heating again 60 min. for 3-hour fire-resistance safe

45 min. for 2-hour fire-resistance safe

30 min. for 1-hour fire-resistance safe.

After the heating, wait until the safe cools down and check the damage of the body and test pieces (newspaper) in the safe.



MARKS

BURGLAR-RESISTANCE (THE FEDERATION OF JAPAN SAFE FURNITURE COOPERATIVES)



TRTL-60
Against torch and tool 60 min.



TRTL-30
Against torch and tool 30 min.



TL-30
Against tool 30 min.



TL-15
Against tool 15 min.



TS-15
Against tool 15 min.

FIRE-RESISTANCE for PAPER (JIS : JAPANESE INDUSTRIAL STANDARDS)



3-hour fire-resistance



2-hour fire-resistance



1-hour fire-resistance



Rapid heating/ Impact resistance

BURGLAR - RESISTIVE SAFE

GM Series :



GAC Series :



TOP LEVELED SAFE IN JAPAN WITH KUMAHIRA ALLOY
TRTL-60 BY JAPAN SAFE FURNITURE
3-HOUR FIRE-RESISTANCE AND RAPID HEATING/
IMPACT RESISTANCE BY JIS : PR-3TKS

GM Series



GM-30c

OUTSIDE : W720 X D793 X H1109 mm
INSIDE : W399 X D396 X H614 mm
NET WEIGHT : 1040 kg
CAPACITY : 127 lit.
LOCK :
2 X 4-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W357 X D326 X H104 mm



GM-53c

OUTSIDE : W814 X D858 X H1699 mm
INSIDE : W493 X D461 X H1204 mm
NET WEIGHT : 1795 kg
CAPACITY : 322 lit.
LOCK :
2 X 4-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
3 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W451 X D391 X H104 mm

GAC Series



GAC-12a

OUTSIDE : W648 X D727 X H1205 mm
INSIDE : W376 X D349 X H720 mm
NET WEIGHT : 785 kg
CAPACITY : 122 lit.
LOCK :
2 X 4-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W350.5 X D277 X H103 mm



GAC-28a

OUTSIDE : W784 X D832 X H1480 mm
INSIDE : W512 X D454 X H995mm
NET WEIGHT : 1175 kg
CAPACITY : 280 lit.
LOCK :
2 X 4-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
3 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W486 X D404 X H103 mm



BURGLAR - RESISTIVE SAFE

TL-30 BY JAPAN SAFE FURNITURE
2-HOUR FIRE-RESISTANCE AND RAPID HEATING/
IMPACT RESISTANCE BY JIS : PR-2TKS

GSA Series – combination lock type -



GSA-06a

OUTSIDE : W578 X D686 X H700 mm
INSIDE : W376 X D350 X H330 mm
NET WEIGHT : 335 kg
CAPACITY : 61 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
1 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W359 X D278 X H63 mm



GSA-12a

OUTSIDE : W578 X D686 X H1135 mm
INSIDE : W376 X D350 X H727 mm
NET WEIGHT : 505 kg
CAPACITY : 122 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W359 X D278 X H101 mm



GSA-21a

OUTSIDE : W714 X D792 X H1135 mm
INSIDE : W512 X D456 X H853 mm
NET WEIGHT : 640 kg
CAPACITY : 213 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D405 X H101 mm



GSA-28a

OUTSIDE : W784 X D832 X H1440 mm
INSIDE : W512 X D454 X H1128 mm
NET WEIGHT : 955 kg
CAPACITY : 280 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
3 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D405 X H101 mm

GSA-36a

OUTSIDE : W784 X D832 X H1790 mm
INSIDE : W512 X D454 X H1478 mm
NET WEIGHT : 1160 kg
CAPACITY : 365 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
4 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D405 X H101 mm





BURGLAR - RESISTIVE SAFE

TL-15 BY JAPAN SAFE FURNITURE
2-HOUR FIRE-RESISTANCE BY JIS : PR-2T

TSA Series - combination lock type -



AFTER THE BANK IS CLOSED,
CAN KEEP MONEY SAFELY
UNTIL NEXT WORKING DAY.

↓ DEPOSITORY BAG



TSA-12a

OUTSIDE : W578 X D686 X H1500 mm
INSIDE : W376 X D350 X H679 mm
NET WEIGHT : 675 kg
CAPACITY : 122 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
1 X CYLINDER LOCK FOR HEAD
WITH RELOCKING DEVICE
ACCESSORIES :
1 X ADJUSTABLE SHELF
CAPACITY :
17 KUMAHIRA DEPOSITORY BAG (APPROXIMATELY)

TSA-21a

OUTSIDE : W714 X D792 X H1500 mm
INSIDE : W512 X D456 X H679 mm
NET WEIGHT : 880 kg
CAPACITY : 213 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
1 X CYLINDER LOCK FOR HEAD
WITH RELOCKING DEVICE
ACCESSORIES :
1 X ADJUSTABLE SHELF
CAPACITY :
30 KUMAHIRA DEPOSITORY BAG (APPROXIMATELY)





FIRE - RESISTIVE SAFE

TS-15 BY JAPAN SAFE FURNITURE
2-HOUR FIRE-RESISTANCE AND RAPID HEATING/
IMPACT RESISTANCE BY JIS : PR-2TKS

FAC Series - combination lock type -



FAC-06a

OUTSIDE : W578 X D686 X H700 mm
INSIDE : W376 X D350 X H330 mm
NET WEIGHT : 235 kg
CAPACITY : 61 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
1 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W359 X D278 X H63 mm



FAC-12a

OUTSIDE : W578 X D686 X H1135 mm
INSIDE : W376 X D350 X H727 mm
NET WEIGHT : 345 kg
CAPACITY : 122 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W359 X D278 X H101 mm



FAC-21a

OUTSIDE : W714 X D792 X H1135 mm
INSIDE : W512 X D456 X H853 mm
NET WEIGHT : 430 kg
CAPACITY : 213 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D405 X H101 mm



FAC-28a

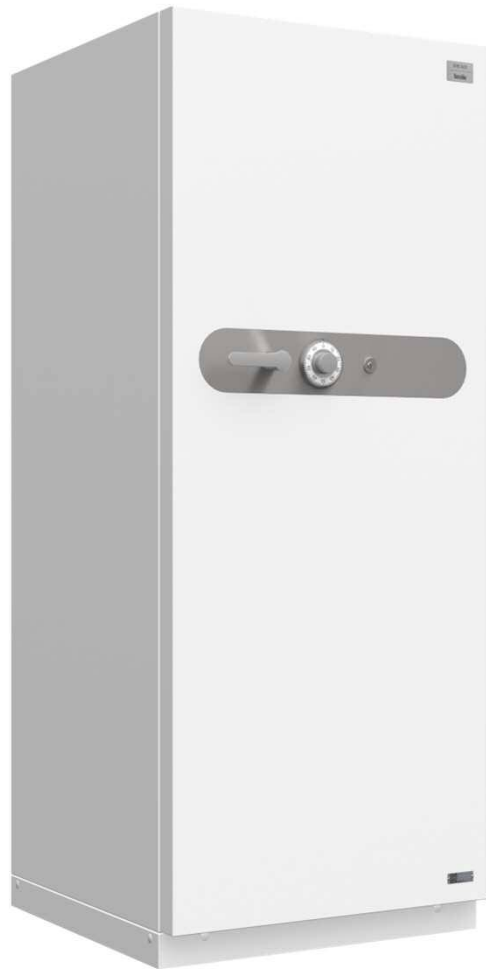
OUTSIDE : W744 X D812 X H1440 mm
INSIDE : W512 X D454 X H1128 mm
NET WEIGHT : 630 kg
CAPACITY : 280 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
3 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D405 X H101 mm



FIRE - RESISTIVE SAFE

TS-15 BY JAPAN SAFE FURNITURE
2-HOUR FIRE-RESISTANCE AND RAPID HEATING/
IMPACT RESISTANCE BY JIS : PR-2TKS

FAC Series - combination lock type -



FAC-36a

OUTSIDE : W744 X D812 X H1790 mm
INSIDE : W512 X D454 X H1478 mm
NET WEIGHT : 765 kg
CAPACITY : 365 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
4 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D405 X H101 mm

FAC-72a

OUTSIDE : W1230 X D792 X H1760 mm
INSIDE : W1028 X D456 X H1478 mm
NET WEIGHT : 970 kg
CAPACITY : 727 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
4 X ADJUSTABLE SHELF



FIRE - RESISTIVE SAFE

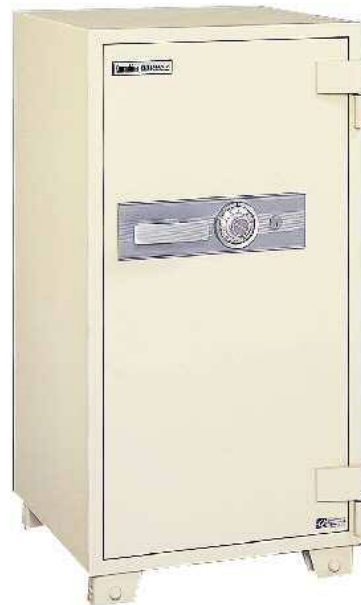
TS-15 BY JAPAN SAFE FURNITURE
EQUIVALENT TO 2-HOUR FIRE-RESISTANCE AND RAPID HEATING/
IMPACT RESISTANCE BY JIS

FM Series - combination lock type -



FM-N06a

OUTSIDE : W578 X D632 X H700 mm
INSIDE : W376 X D348 X H333 mm
NET WEIGHT : 195 kg
CAPACITY : 61 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
1 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W359 X D276 X H63.4 mm



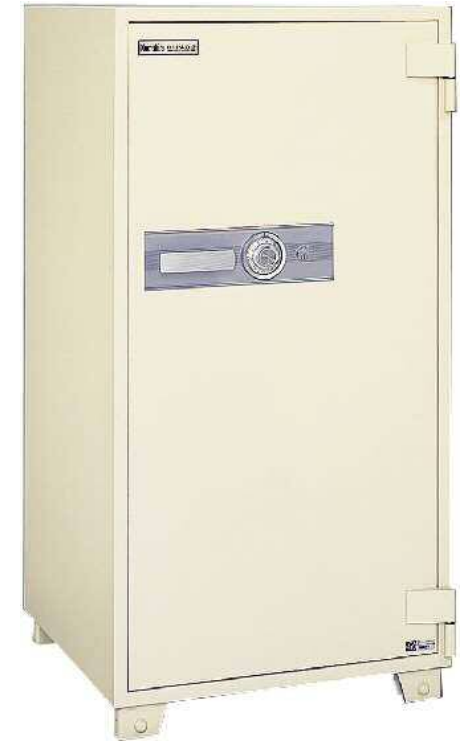
FM-N12a

OUTSIDE : W578 X D632 X H1135 mm
INSIDE : W376 X D348 X H730 mm
NET WEIGHT : 290 kg
CAPACITY : 122 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE :
W359 X D276 X H101.4 mm



FM-N21a

OUTSIDE : W714 X D738 X H1135 mm
INSIDE : W512 X D454 X H853 mm
NET WEIGHT : 370 kg
CAPACITY : 212 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D403 X H101.4 mm



FM-N28a

OUTSIDE : W714 X D738 X H1410 mm
INSIDE : W512 X D454 X H1128 mm
NET WEIGHT : 450 kg
CAPACITY : 280 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
3 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D403 X H101.4 mm

FIRE - RESISTIVE SAFE

TS-15 BY JAPAN SAFE FURNITURE
EQUIVALENT TO 2-HOUR FIRE-RESISTANCE AND RAPID HEATING/
IMPACT RESISTANCE BY JIS

FM Series - combination lock type -



FM-N36a

OUTSIDE : W714 X D738 X H1760 mm
INSIDE : W512 X D454 X H1478 mm
NET WEIGHT : 550 kg
CAPACITY : 364 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
4 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE :
W495 X D403 X H101.4 mm

FM-N72a

OUTSIDE : W1230 X D738 X H1760 mm
INSIDE : W1028 X D454 X H1478 mm
NET WEIGHT : 840 kg
CAPACITY : 723 lit.
LOCK :
1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
4 X ADJUSTABLE SHELF

