



EUROPEAN TYPE - FINGER-PROTECTION

AVAILABLE COLORS

Due to the printing process, colors may vary.



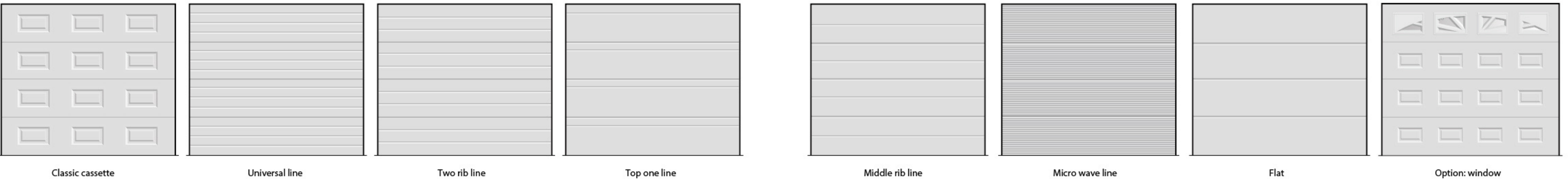
Due to the printing process, colors may vary.



SURFACE EMBOSSMENT



PANEL DESIGN



- 1 Assist angle
- 2 Top bracket
- 3 Roller
- 4 Motor
- 5 Torsion spring
- 6 Spring broken device
- 7 Tubular shaft
- 8 Cable drum
- 9 Upper track&horizontal track
- 10 Adjustable hinge
- 11 Middle hinge
- 12 Emergency lock
- 13 Bottom bracket
- 14 Handle
- 15 Vertical track
- 16 Door panel

HARDWARE DESCRIPTION

Door may not open properly if installed near the top, depending on opening dimensions and lift type.



CHOOSE YOUR CONSTRUCTION

The construction and insulation type improves energy efficiency, durability and noise control of the door.

Finger-protectal type
Model No . XFP-1



Panel width 430~600mm
Panel thickness: 40mm
Density: $45 \pm 2 \text{ kg/m}^3$
Material: Galvanised steel
Epoxy paint
Foaming: B3 grade PU foam

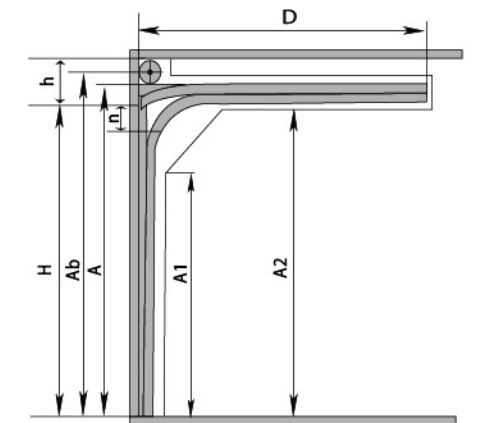
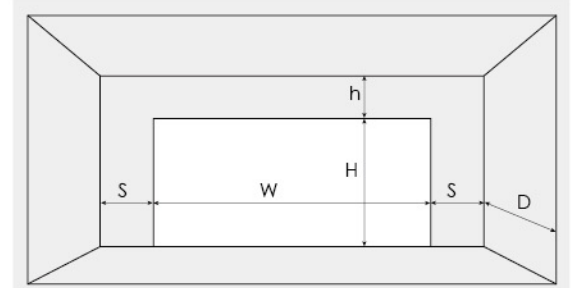
Industrial Finger-protectal type
Model No . XFP-3



Panel width 500mm
Panel thickness: 40mm
Density: $45 \pm 2 \text{ kg/m}^3$
Material: Galvanised steel
Epoxy paint
Foaming: B3 grade PU foam
with 1.0mm thickness reinforcement steel
Sponge seal

HOW TO MEASURE

Garage door sizes .

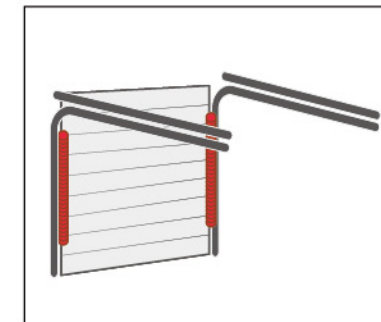


RELIABLE OPERATION

A MODULAR SYSTEM WITH A UNIVERSALLY ADJUSTABLE RAIL SET.

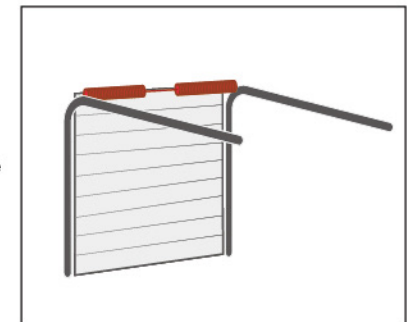
Extension Spring

Headroom min. 150mm (6")
Economic
For little installation space for the garage door.



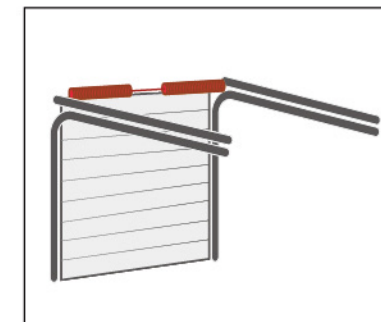
Torsion Spring- Single track

Headroom min. 350mm (14") without L-frame min.
450mm (18") with L-frame



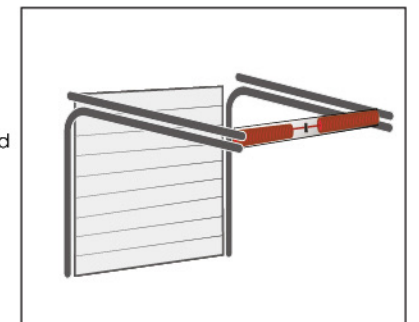
Torsion Spring- Double track

Headroom: general required 250mm (10")
Can adjust if headroom only 200mm (8")



Rear Spring

Headroom min. 150mm (6")
Upgrade, Protect and Extend

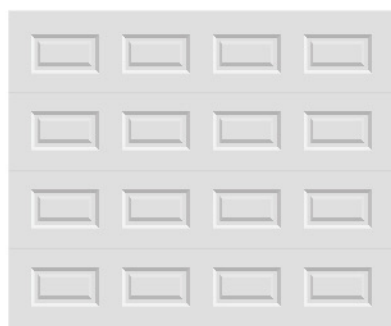




AMERICAN TYPE

CHOOSE YOUR GARAGE DOOR SIZE

Garage door sizes are generally categorized as single or double garage doors.



Single garage doors



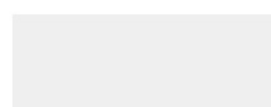
Double garage doors

AVAILABLE COLORS

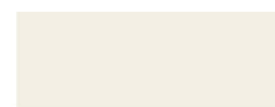
Due to the printing process, colors may vary.



White



Offwhite



Cream



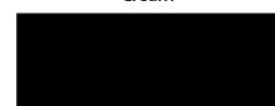
Silver



Grey



Brown



Black

CHOOSE YOUR CONSTRUCTION



2" Insulation between two layers of steel
Panel width: 18" / 21"
Panel thickness: 2"
Density: 45±2kg/m³
Material: Galvanised steel

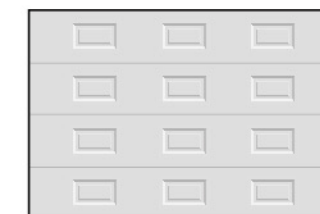


1 3/5" Insulation between two layers of steel
Panel width: 18" / 21"
Panel thickness: 1 3/5"
Density: 45±2kg/m³
Material: Galvanised steel

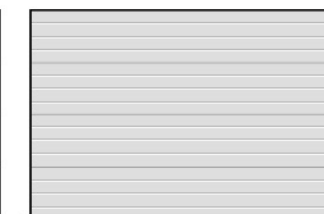


1 3/5" Insulation between two layers of steel
Broken bridge design
Panel width: 18" / 21"
Panel thickness: 1 3/5"
Density: 45±2kg/m³
Material: Galvanised steel

PANEL DESIGN



Classic cassette



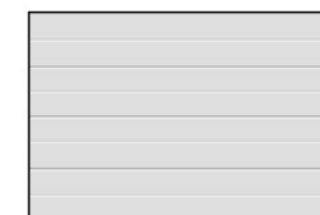
Universal line



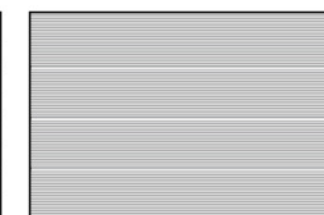
Two rib line



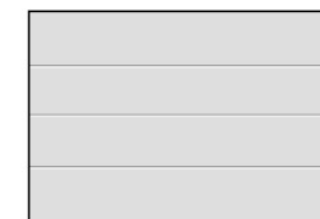
Top one line



Middle rib line



Micro wave line



Flat



Option: window

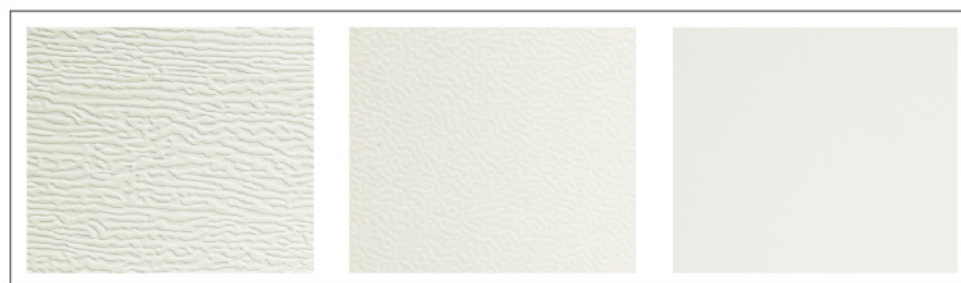
- 1 Assist angle
- 2 Horizontal track
- 3 Cable
- 4 Roller
- 5 Top bracket
- 6 Shaft coupler
- 7 Tubular shaft
- 8 Torsion spring
- 9 Middle bracket
- 10 Cable drum
- 11 Track connection
- 12 Flag bracket
- 13 3# Hinge
- 14 2# Hinge
- 15 Bolt lock
- 16 1# Hinge
- 17 Jamb bracket
- 18 Bottom bracket
- 19 Handle
- 20 Vertical track

HARDWARE DESCRIPTION

Door may not open properly if installed near the top, depending on opening dimensions and lift type.



SURFACE EMBOSSMENT



Woodgrain

Orange skin

Flat mirror



AVAILABLE OPTIONS

The section/Windows options



XFW-1 Plain short

XFW-2 Diamond

XFW-3 Cross

XFW-4 Charleston

XFW-5 Mountain



XFW-6 Sunset

XFW-7 Sunset (4,6,8, or 10 panels across)

XFW-8 Sunset (3,6, or 9 panels across)



XFW-9 Sunset (4 or 8 panels across)

XFW-10 Sunset (6 panels across)



XFWL-1 Stockton



XFWL-2 Arched stockton



XFWL-3 Cascade



XFWL-4 Waterton



XFWL-5 Wagon wheel

ADDITIONAL OPTIONS

The garage door opener & optional control devices.



Model	SA-600	SA-800	SA-1300
Rated Voltage	230V,50/60Hz	230V,50/60Hz	230V,50/60Hz
Output torque	600N	800N	1300N
Rated current	0.7A	0.8A	0.9A
Rated power	150W	180W	210W
Max. speed	160mm/s	150mm/s	150mm/s
Suit for door	9m ²	13m ²	18m ²
Working temperature range	-20 °C ~+60 °C		



Model	XFC-600	XFC-800	XFC-1000	XFC-1200	XFC-1500
Rated Voltage	110 or 220x(1±10%) VAC , 50/60Hz				
Output torque	600N	800N	1000N	1200N	1500N
DC motor	24V/7N	24V/8N	24V/8N	24V/8N	24V/8N
Rated current	2.5A	3.3A	4.1A	5A	6.25A
Rated power	80W	80W	100W	120W	150W
Max. speed	100mm/s	100mm/s	100mm/s	100mm/s	100mm/s
Suit for door	8-10m ²	10-12m ²	12-14m ²	14-18m ²	18-20m ²
Working temperature range	-20°C~+40°C				

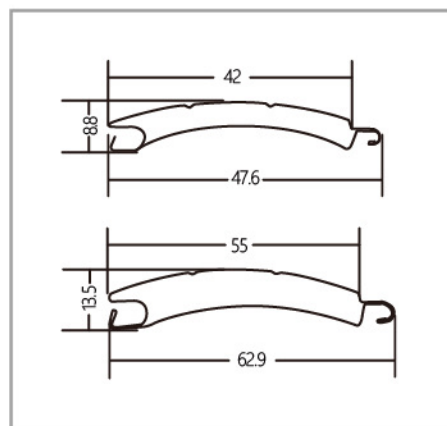


Option:

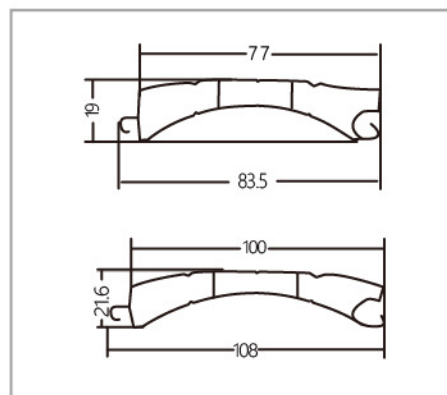
Chain drive & belt drive
1/2/3 pcs rail as customer request
Photocell
Back-up Battery
Radar
Wire Wall Switch
Wireless Wall Switch
Code panel



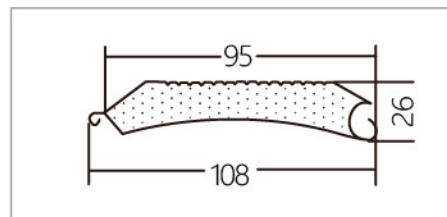
Aluminum shutter series for window
Insulation, max. length 6000mm
37mm/42mm/55mm



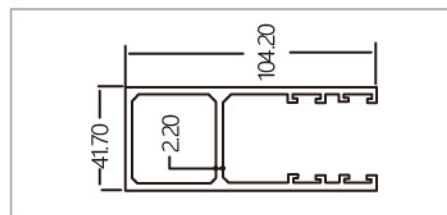
Aluminum shutter series for door
Non-insulation or insulation, max. length 9000mm
77mm/100mm



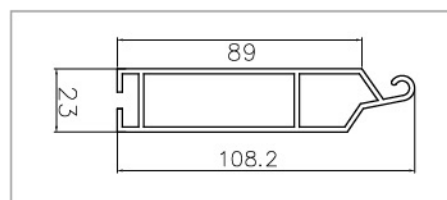
Steel shutter series for door
Insulation, max. length 11800mm



XF95 Track



XF95 Bottom Profile



EUROPEAN SHUTTER DOOR

The european shutter door

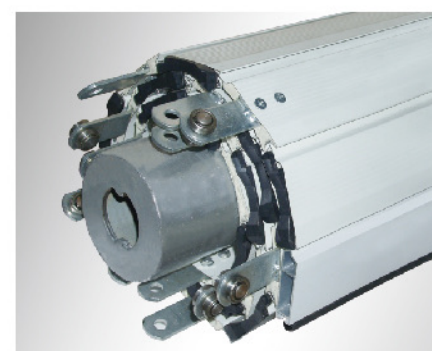


WINDPROOF ROLLING SHUTTER

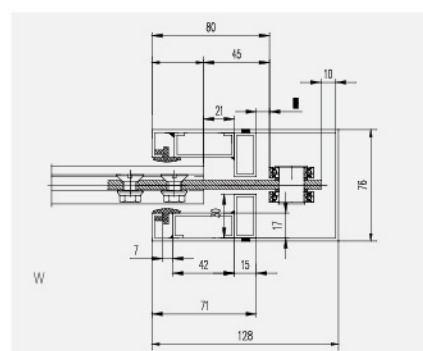
The Windproof rolling shutter



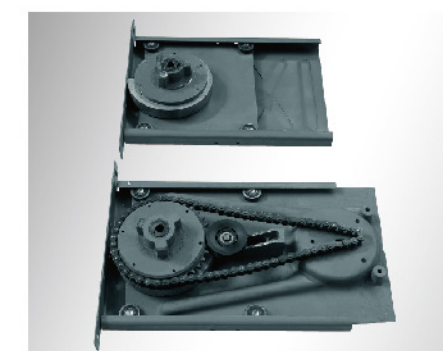
100 polyurethane foaming door panel available
for heat preservation, heat insulation and sound
insulation



Windproof rolling shutter
Patent No.: ZL201220167671.3
In the event of wind load, the windproof wheel
holds on to the windproof rail to prevent the
shutter curtain from derailing and play a role of
resistance to wind.



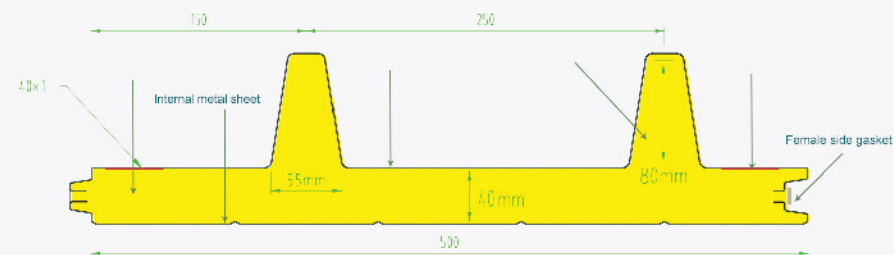
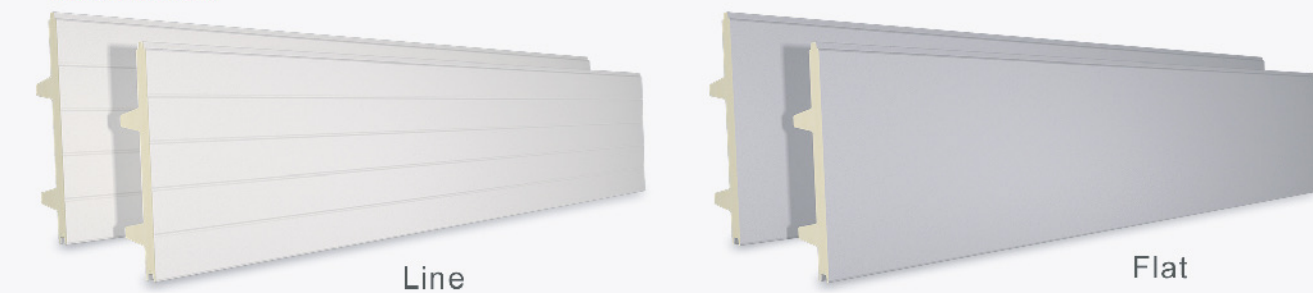
Windproof rail
Aluminum alloy or profiled bar material is an
option in terms of the users' demand.



Rolling support (automatic adjustment mechanism
of rolling door) Patent No.: ZL201220168038.6
When opening or closing the rolling door, the rolling
support makes automatic adjustment of the relative
positions of the door body and the rail, hence
reducing the resistance and extending the service
life of the door.

INDUSTRIAL WING PANEL

Model No.XFP-8

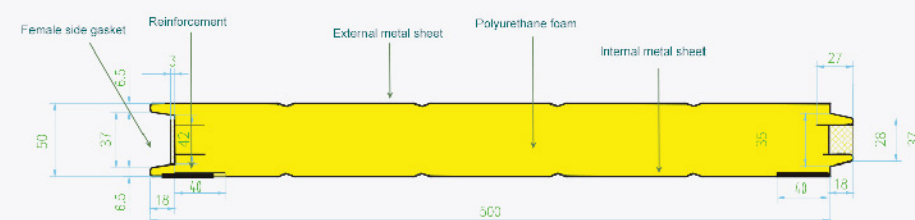
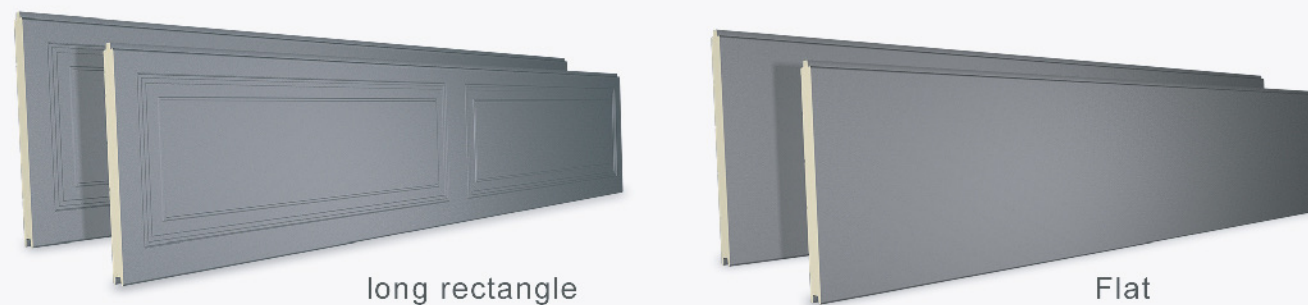
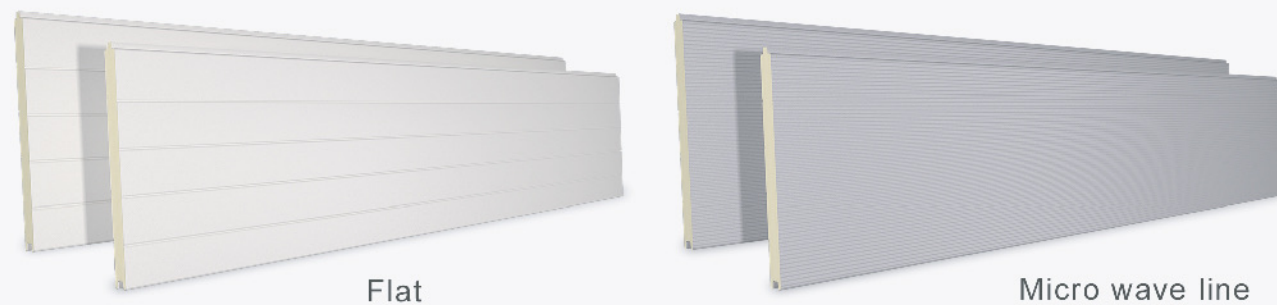


- DOW PU foam CFC free
- Wing design, Reinforcement, applicable for mega door width > 8m
- Broken bridge design Better insulation
- Male & Female head reinforcement, stronger fixing screw
- Better gasket



INDUSTRIAL BROKEN BRIDGE PANEL

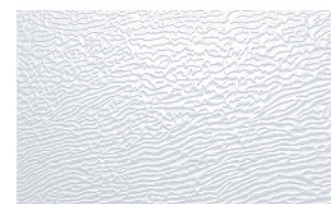
Model No.XFP-9



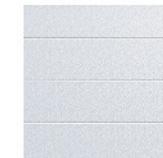
- DOW PU foam CFC free
- Adjustable thickness 40mm, 50mm, 60mm, 80mm
- Reinforcement
- Better gasket
- Broken bridge design



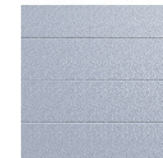
Woodgrain



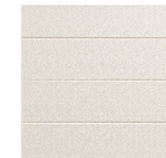
RAL-9002



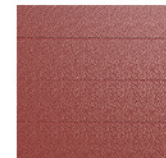
RAL-9006



RAL-1015



RAL-3002



RAL-5010



Standard lift



Vertical lift



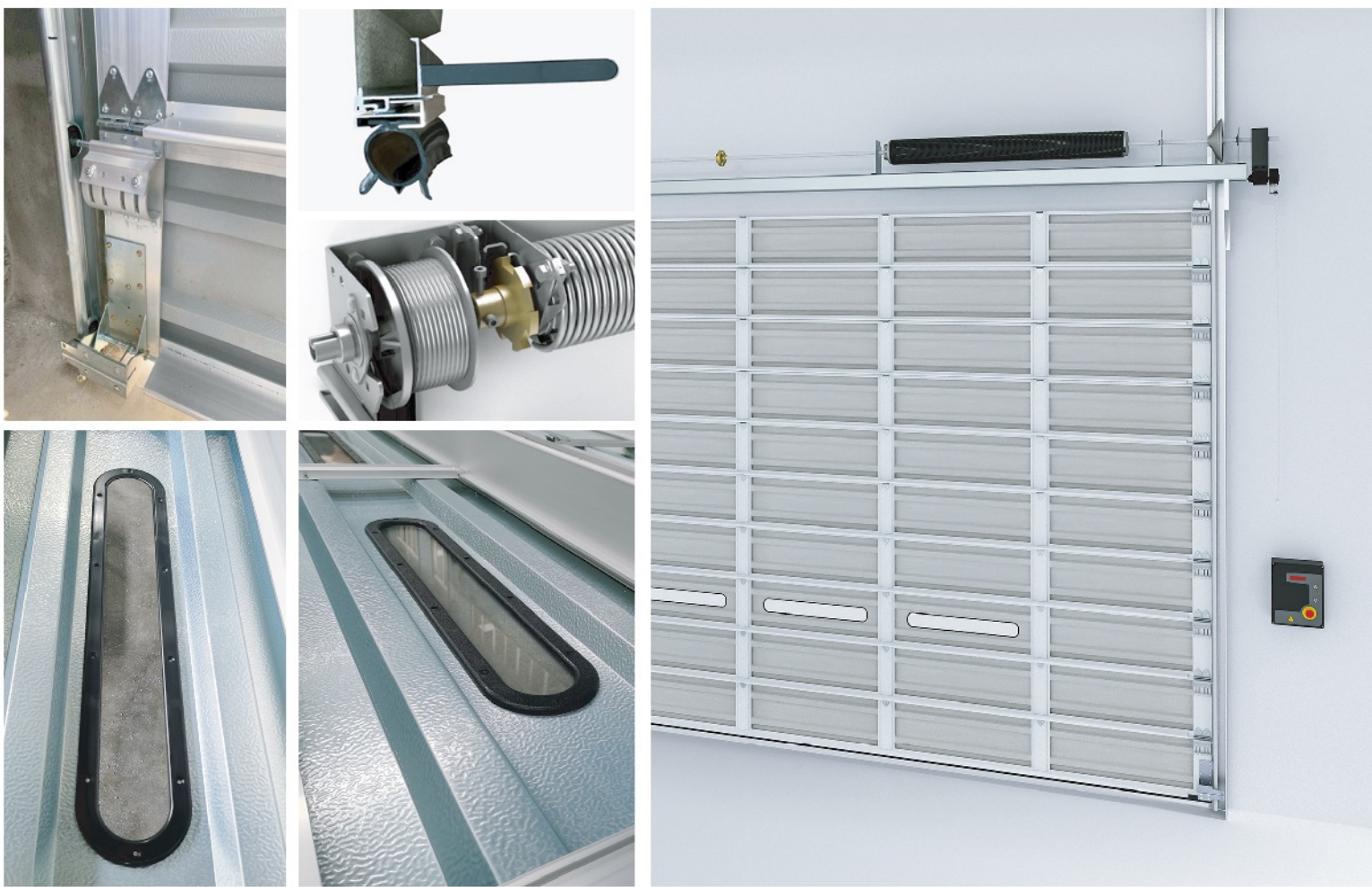
High lift



Orange Peel



ALUMINUM SINGLE SHEET INDUSTRIAL DOOR



ALUMINUM INDUSTRIAL DOOR PANEL

Model No.XFP-10



High strength
Light weight
Corrosion resistant

Panel thickness 45mm
Panel width 500mm
0.7mm thickness aluminum sheet
Windproof 700-1000pa



Industrial Door Motor
High-precision electronic limiting
LCD display
Slow start & stop
Self-test
High speed
High safety
Energy saving

Standard Kit Includes:
Motor
Control box
Emergency release with chain

Model	C40(40N.m)	C60(40N.m)
Technic Data		
Power	550W	750W
Powever Supply	220V±10% 50/60 hz	220V±10% 50/60 hz
Accessory Power Supply	12V	12V
Reducer	Worm Gear(RV50 1:60)	Worm Gear(RV50 1:60)
Max. Output Speed	40 rpm	40 rpm
Max. Door Size	20m³	30m³
Soft Run	IP54	IP54
Protection Rating (Motor)	IP54	IP54
Chain Length	4m (Max. Length: 8m)	4m (Max. Length: 8m)
Cable Length	5m	5m
Environmental Conditions	-20C°-50°C	-20C°-50°C
Limit Switch	Inintemal Absolute Encoder	Inintemal Absolute Encoder
Max. Cirdes per Hour	10	10

CONSIDER A COMMERCIAL DOOR

Product series



High Speed
Spiral Door



PVC
High Speed Door



Windproof
Rolling Shutter



Hangar Door