ALUMINUM FENCE

VERSATILE/ADAPTABLE/FUNCTIONAL/BEAUTIFUL
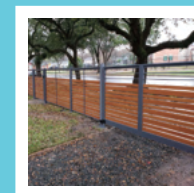
PRODUCT CATALOG

Table of Contents
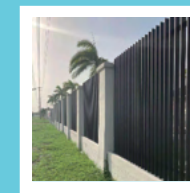
SLAT FENCE

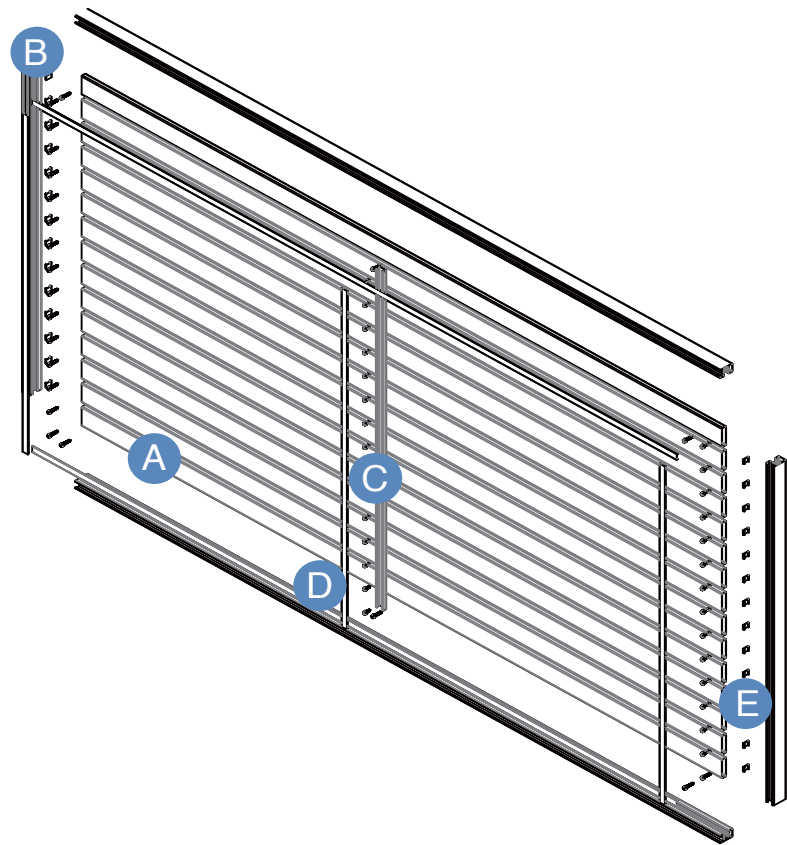Horizontal slat   Vertical slat   3D Vertical blade   Picket slat   Louver slat

Horizontal slat fence

System

General Notes:
1. All Dimensions are shown in mm.
2. All Dimensions are shown before finishing or coating
3. All Dimensions are ± 0.5mm (unless otherwise noted)

Ref.	Description
A	Slat
B	U-Channel
C	Center Support
D	Channel Caps
E	Screws

H C channel   I Slat   B U channel

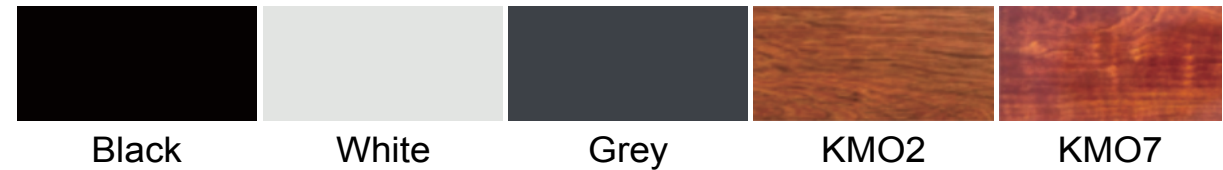| PANEL HEIGHT	SLAT Option	STRUCTURE	SURFACE	COLOR
1200mm(48")	65mm slat	DIY/Preassembled	Powder coating	Grey /Black
1500mm(60")	100mm slat	/welded	wood grain	/White /wood grain
1800mm(72")	65mm/100mm slat			/customized
	116mm slat			
	150mm slat			
	150mm T&G slat			

ALUMINUM SLAT FENCE STRUCTURE

1. POST - flanged post or in ground post, with cast aluminum post caps
2. U CHANNEL - connect the the slats and the posts
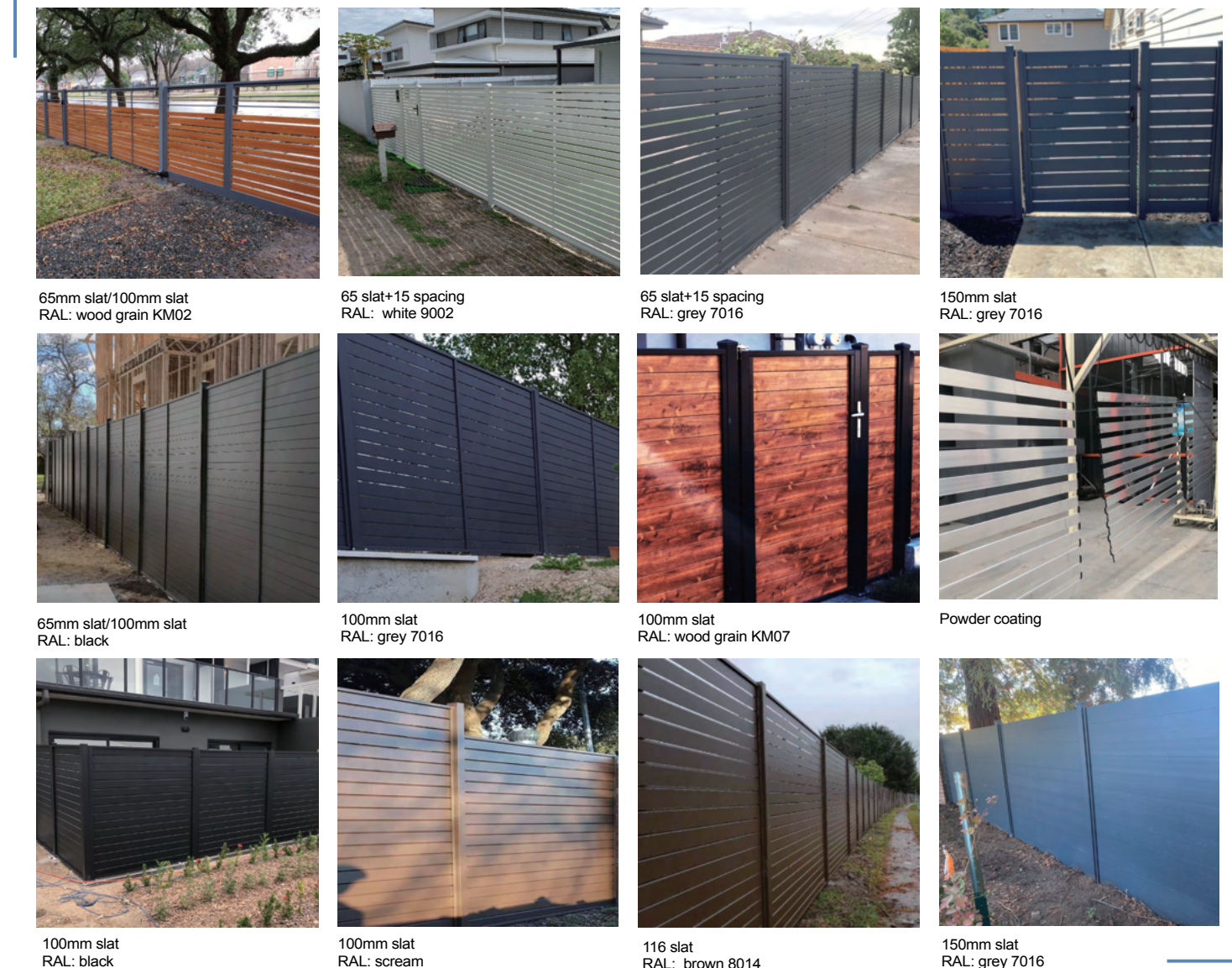3. C CHANNEL - Center support

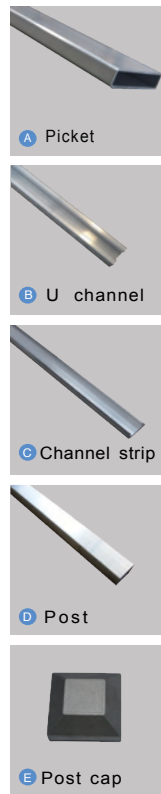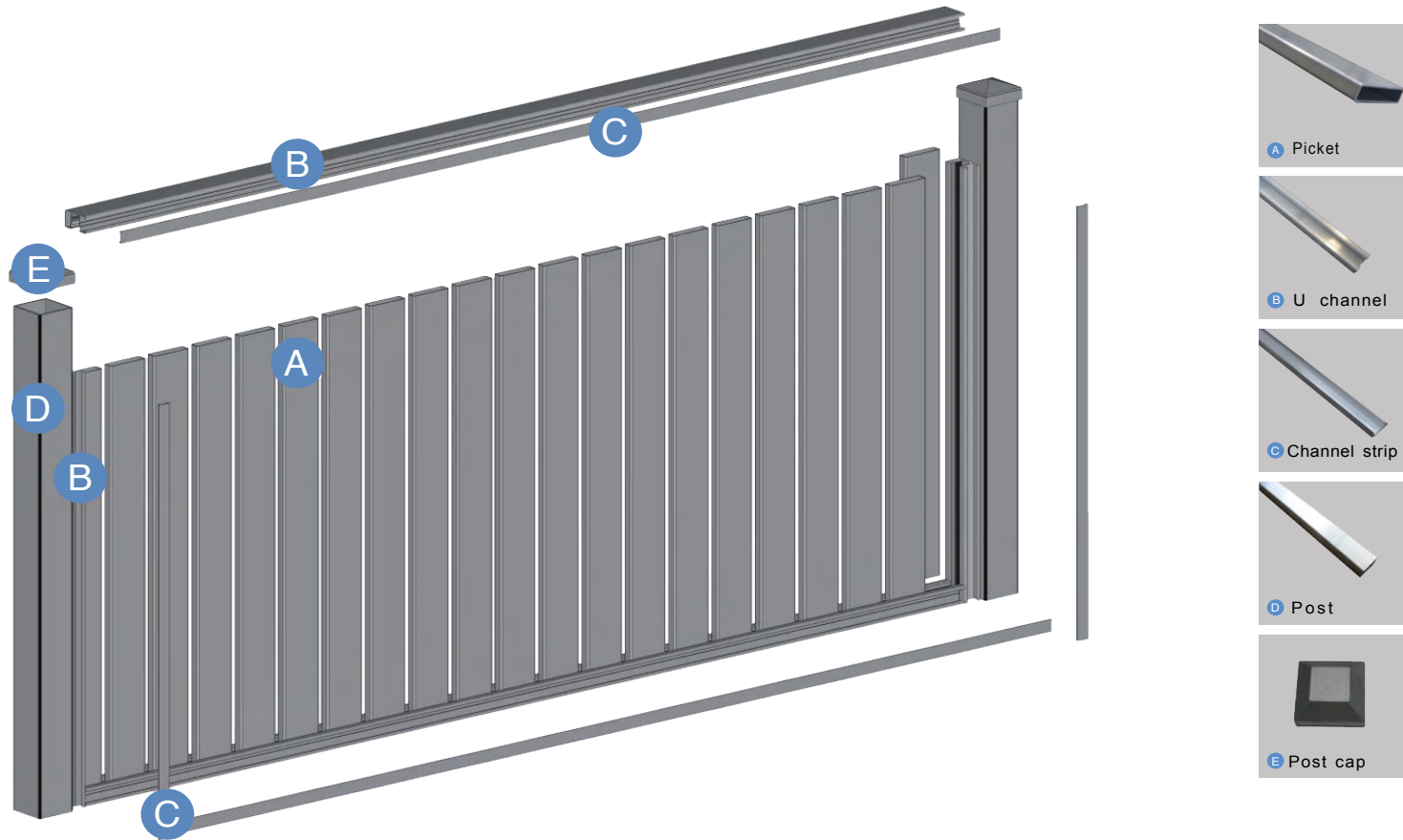**SLATS - 65mm/100mm/116*16mm ventilation/150mm/ 150mm T&G**

65x16mm Slats   100x16mm Slats   116x16mm Vent Slats   150x16mm Slats   150x16mm T&G Slats

0mm   10mm   20mm   30mm   40mm

Standard color

Black   White   Grey   KMO2   KMO7

Installation Examples

65mm slat/100mm slat
RAL: wood grain KM02

65 slat+15 spacing
RAL: white 9002

65 slat+15 spacing
RAL: grey 7016

150mm slat
RAL: grey 7016

65mm slat/100mm slat
RAL: black

100mm slat
RAL: grey 7016

100mm slat
RAL: wood grain KM07

Powder coating

100mm slat
RAL: black

100mm slat
RAL: scream

116 slat
RAL: brown 8014

150mm slat
RAL: grey 7016

Vertical slat fence

- **A** Picket
- **B** U channel
- **C** Channel strip
- **D** Post
- **E** Post cap

product name	Vertical slat fence
slat size	65x16mm/100x16mm/150x16mm (2.5"x5/8"/ 4"x5/8"/ 6"x5/8")
slat space	0mm/10mm/20mm (0"/ 3/8" / 3/4")
height	1200mm/1500mm/1800 (48" / 60" / 72")
length	2400mm (8')
post type	In-ground post/flanged post
post size	63.5*63.5mm/65*65mm/76*76mm/100*100mm (2 1/2" sq. / 2 3/4" sq./ 3" sq. / 4" sq.)
surface	Powder coating/wood grain
color	Grey /Black /White/customized

Security - defines the perimeter of your property to neighbors and visitors. Adds a dimension of security for your children and pets. Keeps unwanted visitors from entering your property

Style/Design - enhances your home or business with distinctive contemporary designs to match any building style. From wood grain and powder coated finishes in a variety of colors, these stylish extruded aluminum fences will add value and peace of mind

Durable/Low Maintenance - extruded aluminum with durable powder coating finishes will last a lifetime with little or no maintenance. Install and forget!
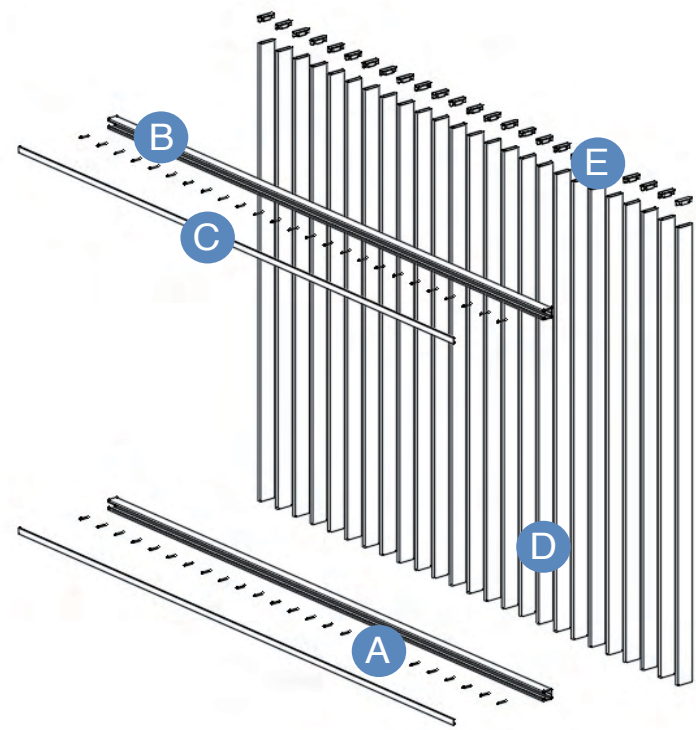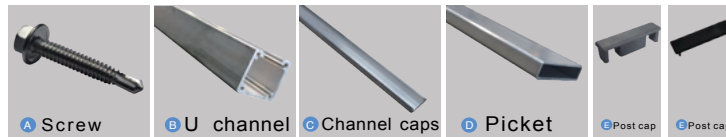
Standard color

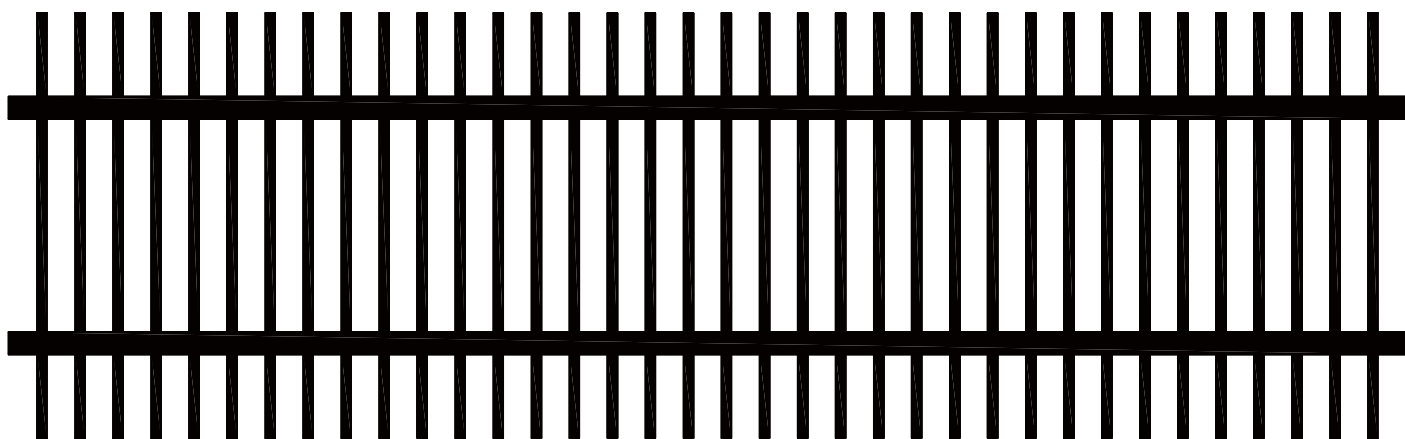| Black	White	Grey	KMO2	KMO7
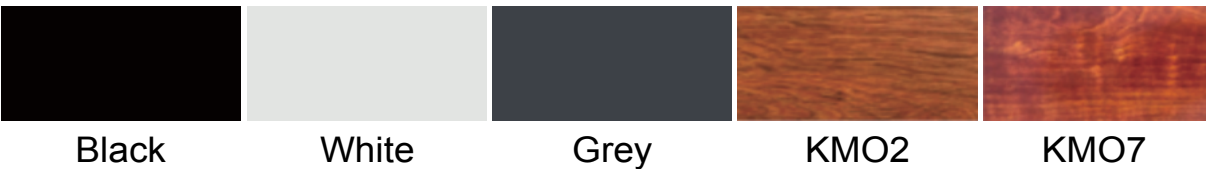
Fence   **Gate**   **Privacy**

3D Vertical blade

Type 1 - DIY

Ref.	Description
A	Screws
B	U channel
C	Channel caps
D	Picket
E	Post cap

Ⓐ Screw　Ⓑ U channel　Ⓒ Channel caps　Ⓓ Picket　Ⓔ Post cap　Ⓔ Post cap

Type 2 - Welded

Product name	Aluminum 3D blade fence	Surface	Powder coating
Brand	Princeton	Color	Matte Black, Dark Grey RAL7016
Material	Aluminum 6063 T5	Warranty	10 years
Height	200 mm,1500 mm,1800 mm	/	/
Length	400 mm	/	/
Rail size	40*40*2.5mm thick	/	/
Blade size	65*16/50*10	Place of Product	ShanDong Province,China
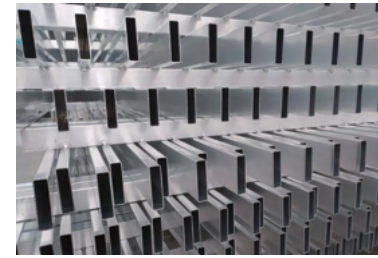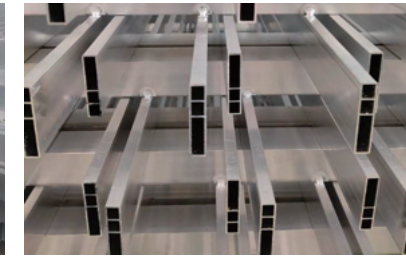
65*16mm　　**50*10mm**
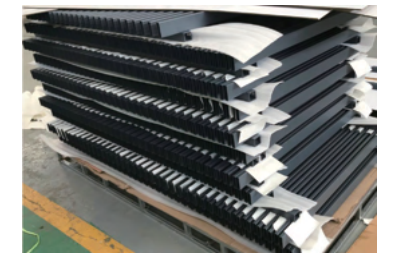
Powder coating standard color
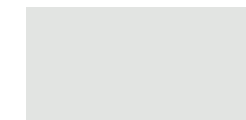
Black　　White　　Grey

Installation Examples

Slat picket

Type 1 - Welded
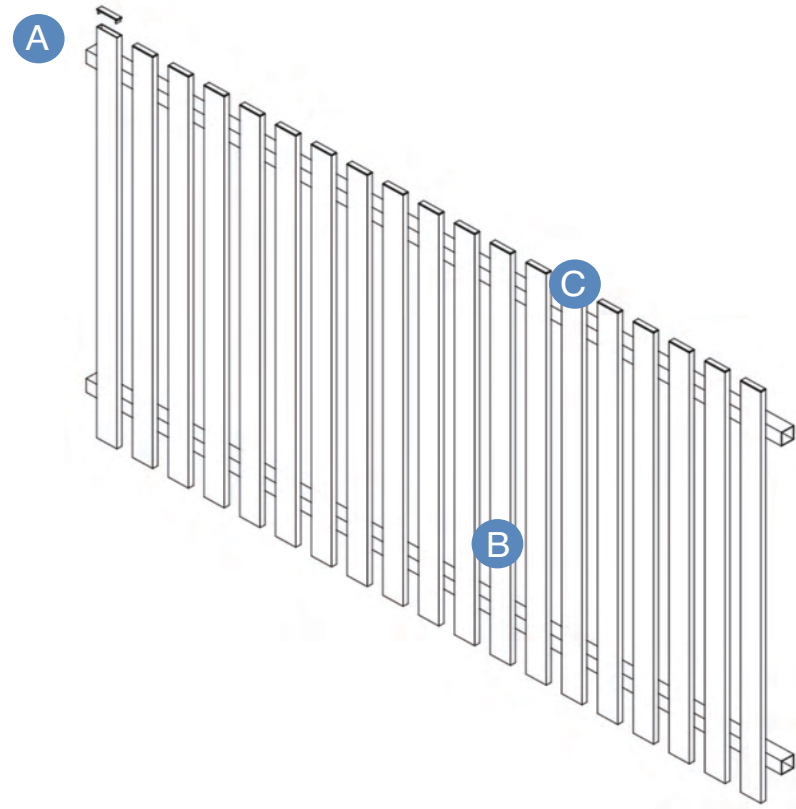
Description	Style	Size
A Rail	40*40*3mm	2235
	1.6"x1.6"x1/8"	89.4"
B Picket	65*16*1.2mm	1200
	2 5/8x5/8x1/16"	48"

A Rail B Picket C Postcap C Postcap

Panel size	Slat size	Slat space	Installation type	Warranty	COLOR
1219*1524mm 48 3/4"x 61"	65*16*1.2mm 2 5/8x5/8x1/16"	20mm 3/4"	welded panels	10 years powder coated	Grey /Black /White/ Customized
1524*1829mm 61"x73 1/8"		30mm 1 3/16"		lifetime material	
customized		customized			
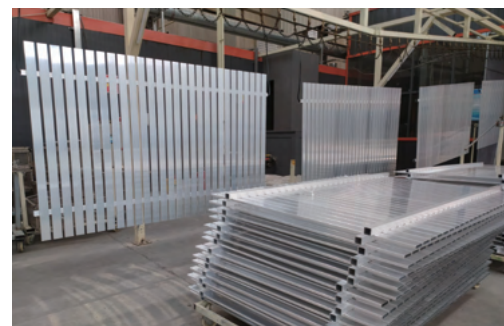
Black   ***White***   ***Powder coating***

Type 2 - DIY

A C channel B Picket C Rivet

■ Powder coating standard color

Black   White   Grey   KMO2   KMO7
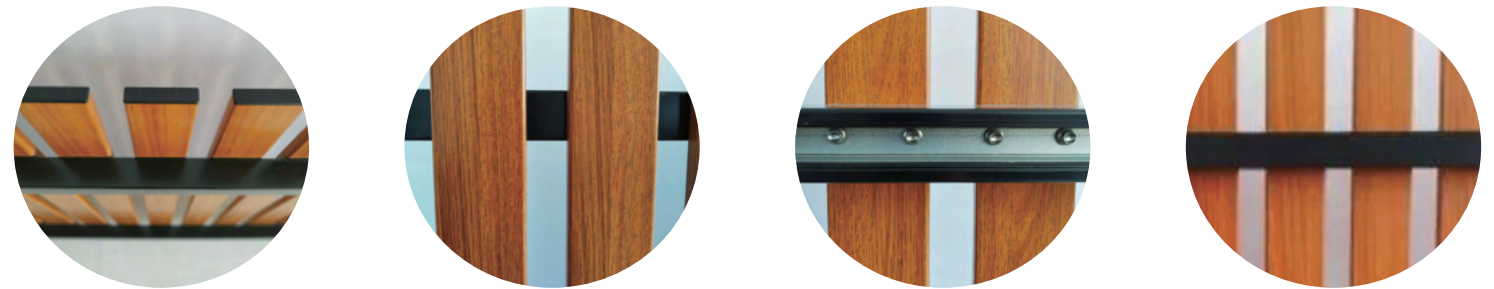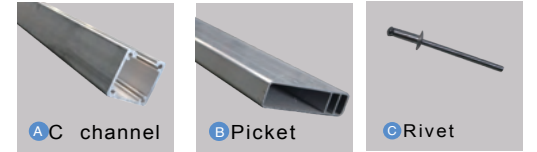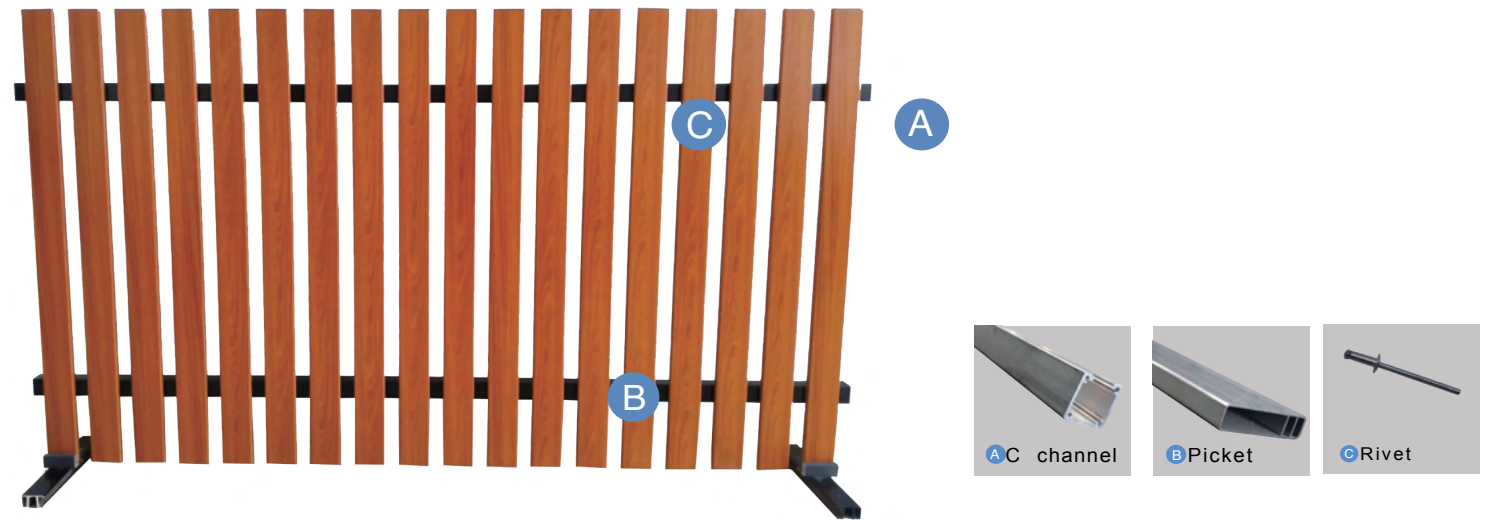
Louver slat fence-PL120
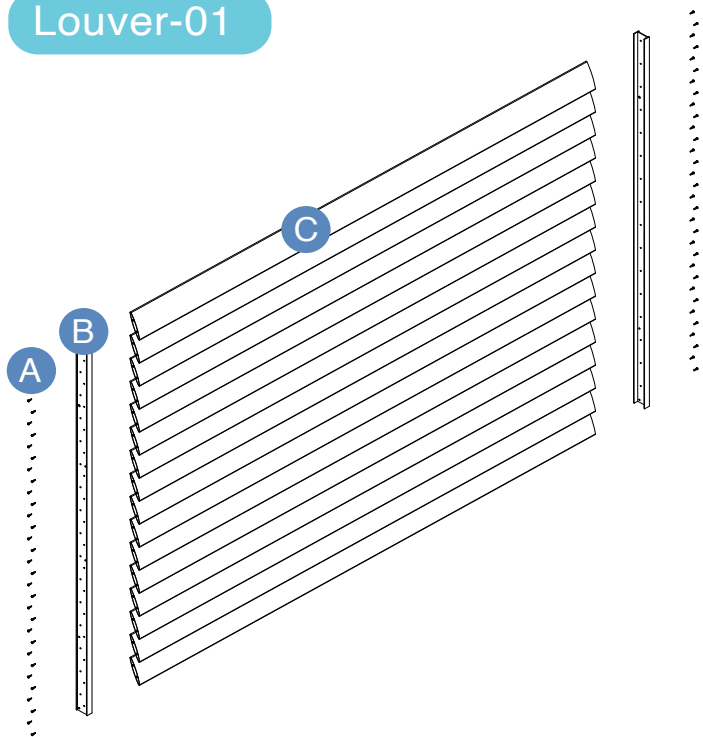
GENERAL NOTES
1. ALL DIMENSIONS ARE SHOWN IN MM
2. ALL DIMENSIONS ARE BEFORE FINISHING OR COATING
3. ALL DIMENSIONS ARE ±0.5MM (UNLESS OTHERWISE STATED)

Ref.	Description
A	Stainless steel self-tapping screw
B	H-Channel
C	Louver Blade

Ⓐ Screw   Ⓑ H channel   Ⓒ Louver blade
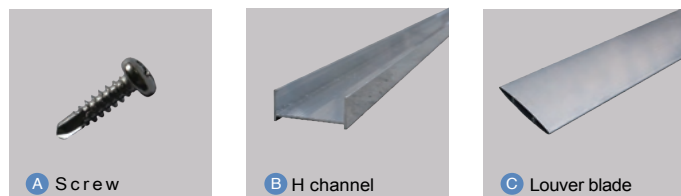
PANEL HEIGHT	SLAT	STRUCTURE	SURFACE	COLOR
1200mm/48" 1500mm/60" 1800mm/72"	Louvre blade	DIY Pre-assembled Welded	Powder coating	Grey /Black /White /Customized

A high-quality extruded aluminum louver fence offers contemporary styling, privacy, low maintenance and life-time durability. All fences included mounting posts (specify flange or in-ground) and come either preassembled, permanently welded or ready for DIY installation with simple tools. Use on windows in place of security bars as a functional, esthetically pleasing alternative to ugly bars.

H channel with pre-drilled holes   Easy Assembly   Aluminum Blades   Installation Detail
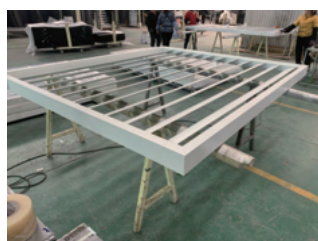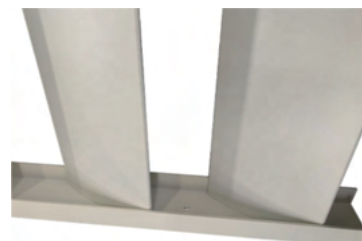
Powder coating standard color

Black   White   Grey

Application

1 **Fence and gates**   2 **Dividing screen**   3 **Sunshade**

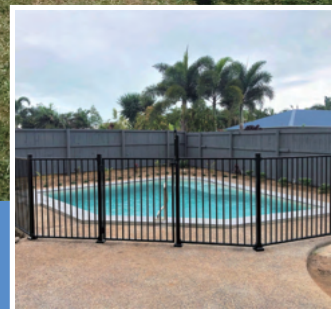4 **Window Security**   5 **Pergola**

PRODUCT CODE

AHSF02 - Welded louver

PANEL HEIGHT

1200mm/1500mm/1800mm

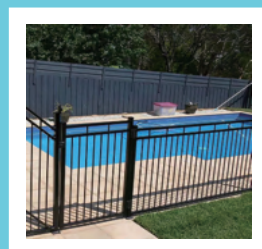**INSTALLATION METHOD**

Brackets

SLAT

65mm slat

CONSTRUCTION

Punched + welded
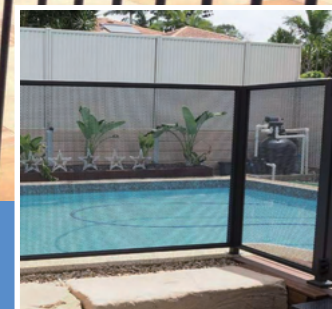
POOL FENCE

Picket

Glass

Perforated

38*25mm Rail	1.5x1.0" Rail
16*16mm tube	5/8x5/8" tube
19*19mm tube	3/4x3/4" tube

38*38mm Rail	1.5x1.5" Rail
16*16mm tube	5/8x5/8" tube
19*19mm tube	3/4x3/4" tube

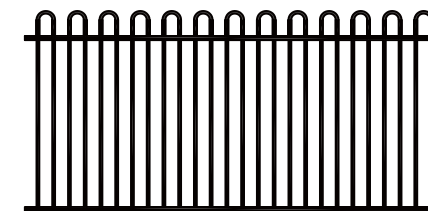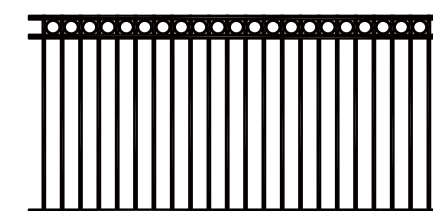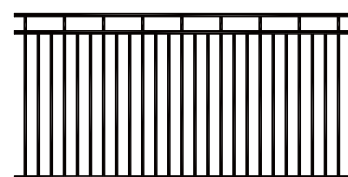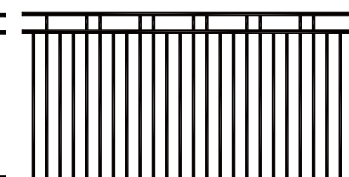| 40*40mm Rail | 1.6x1.6" Rail |
| 19*19mm tube | 3/4x3/4" tube |
| 25*25mm tube | 1x1"tube |

Relative diameters
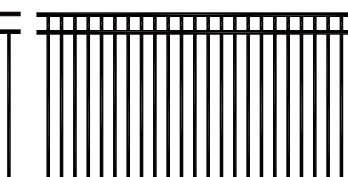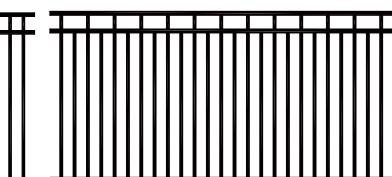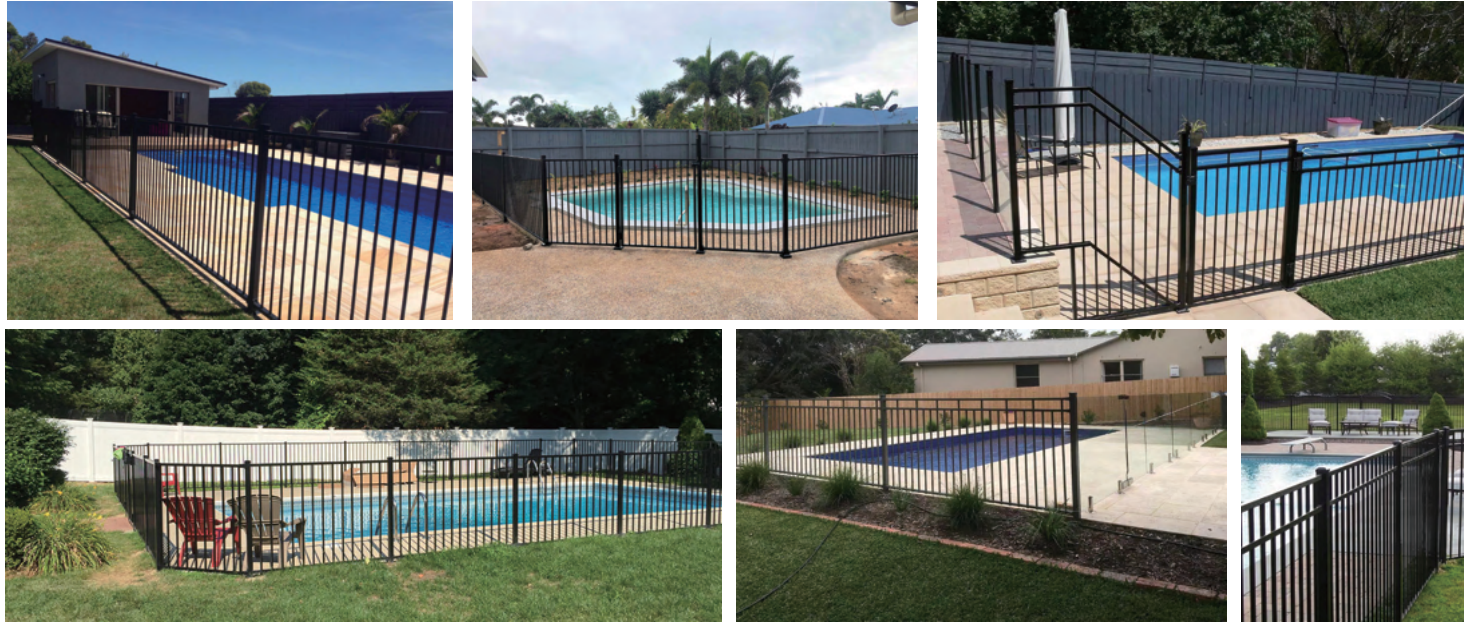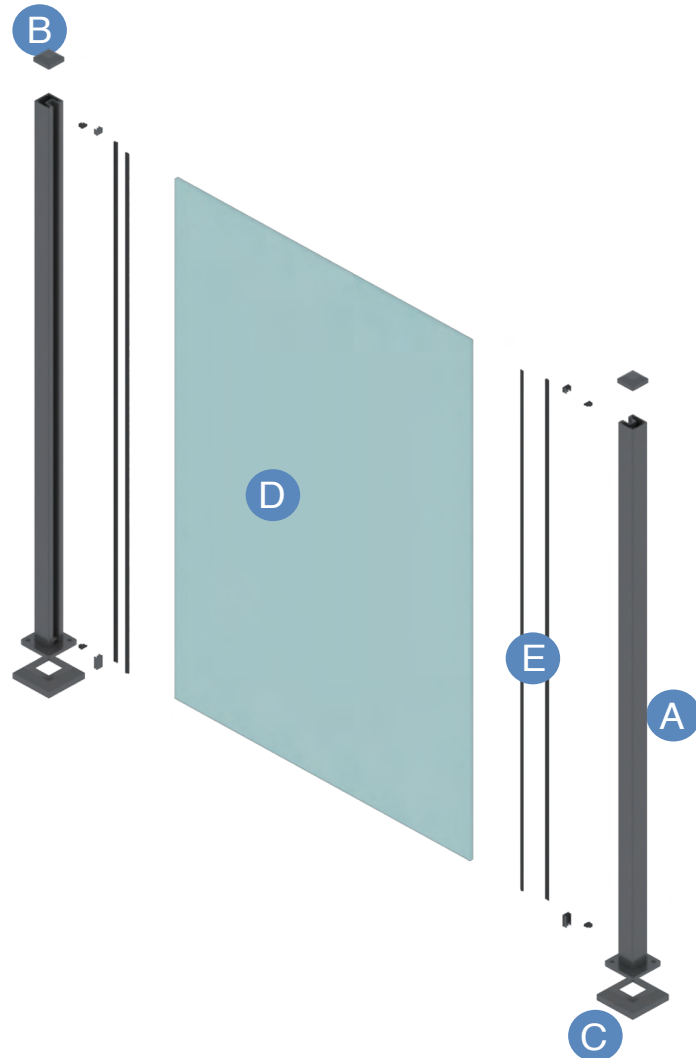of 5/8", 3/4" and 1"
tube sections

Other styles
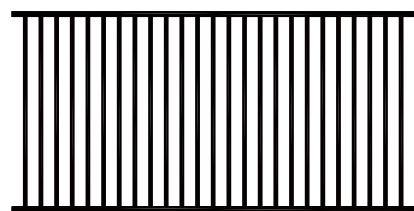
ATF02-1

ATF02-2

ATF03-1

ATF03-2

ATF03-3

ATF03-4

ATF03-5

Installation Examples

Type 2 - Glass Pool Fence

| Ref.	Description
A*	Post
B	Post Cap
C	Cover base plate
D	Glass
E	Rubber

*Note regarding posts:
There are two types of posts:
a) flange post for deck installations
b) in-ground post installations
Each installation method has the following post types available

F1-End Post   F2-Line Post   F3-Corner Post

Item	Tempered glass pool fence panels
Glass type	Tempered glass/Laminated glass
Color	Clear/ brushed / tinted
Tempered Glass	8mm/10mm/12mm/15mm (3/16"; 3/8"; 1/2"; 5/8")
Laminated Glass*	5+1.14PVB+5; 6+1.14PVB+6; 5+1.52PVB+5; 6+1.52PVB+6; 8+1.52PVB+8; 10+1.52PVB+10
Width	1000mm wide (40" W)
Height	1000mm/1100mm/1200mm (40"; 44"; 48")

* Similar to automotive windshields, our laminated glass is composed of a Polyvinyl layer sandwiched between two outer layers of glass of equal thickness. A 5+1.14+5 glass panel will therefor have a finished thickness of 11.14mm or just under 1/2".

Product Installations
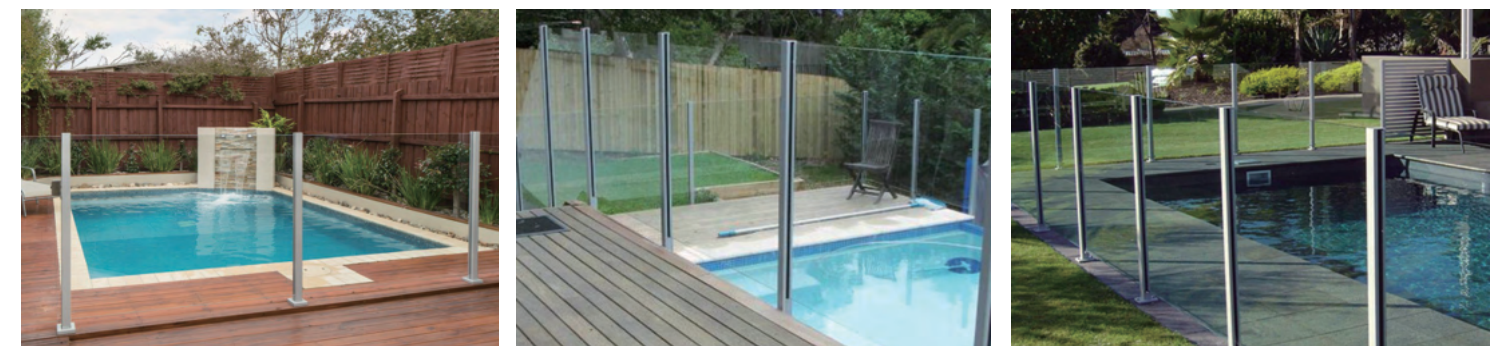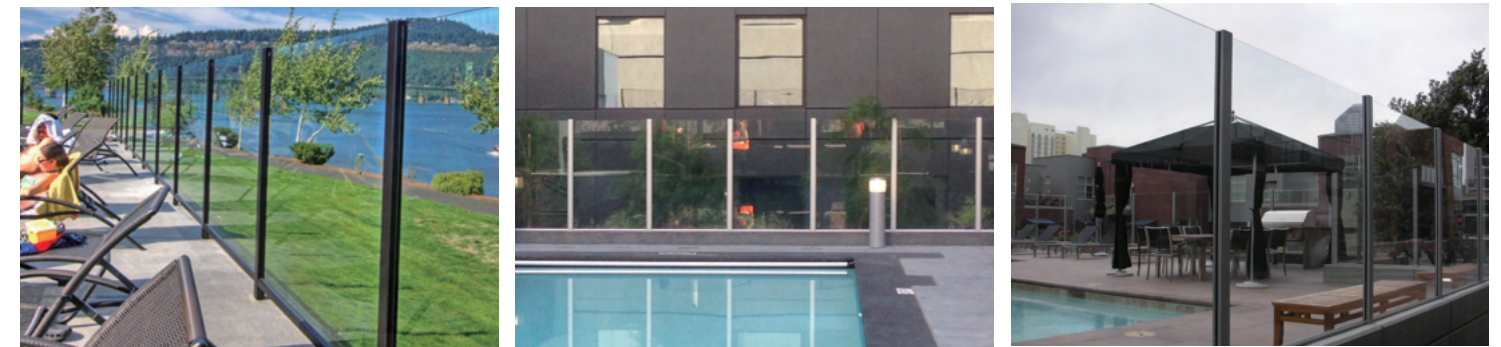
U channel fence

Type 3 - Perforated Pool Fence

TUBULAR FENCE

Garden   Security   Raking

Garden Fence

Residential

38*25mm Rail
16*16mm tube
19*19mm tube
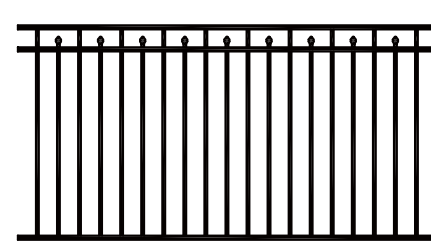
1.5x1.0" Rail
5/8x5/8" tube
3/4x3/4" tube

Commercial

38*38mm Rail
16*16mm tube
19*19mm tube

1.5x1.5" Rail
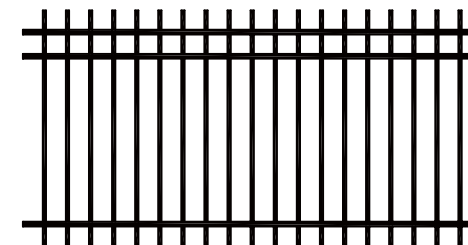5/8x5/8" tube
3/4x3/4" tube
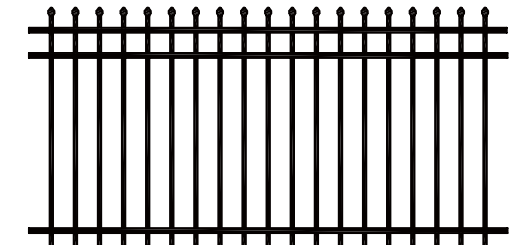
Industrial

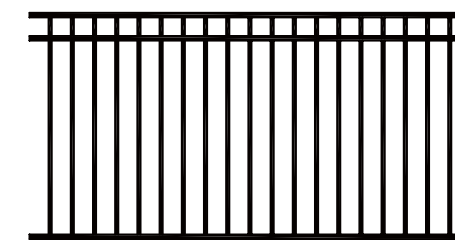**40*40mm Rail**
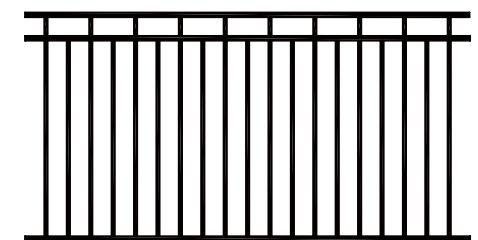19*19mm tube
25*25mm tube

1.6x1.6" Rail
3/4x3/4" tube
1.0x1.0" tube

AL02-1

AL02-2

AL02-3

AL03-1

AL03-2

AL03-3

AL03-4

AL03-5

AL03-6

Product Installations

Cast Aluminum Fence Finials

2 Rail

AL02-1

AL02-2

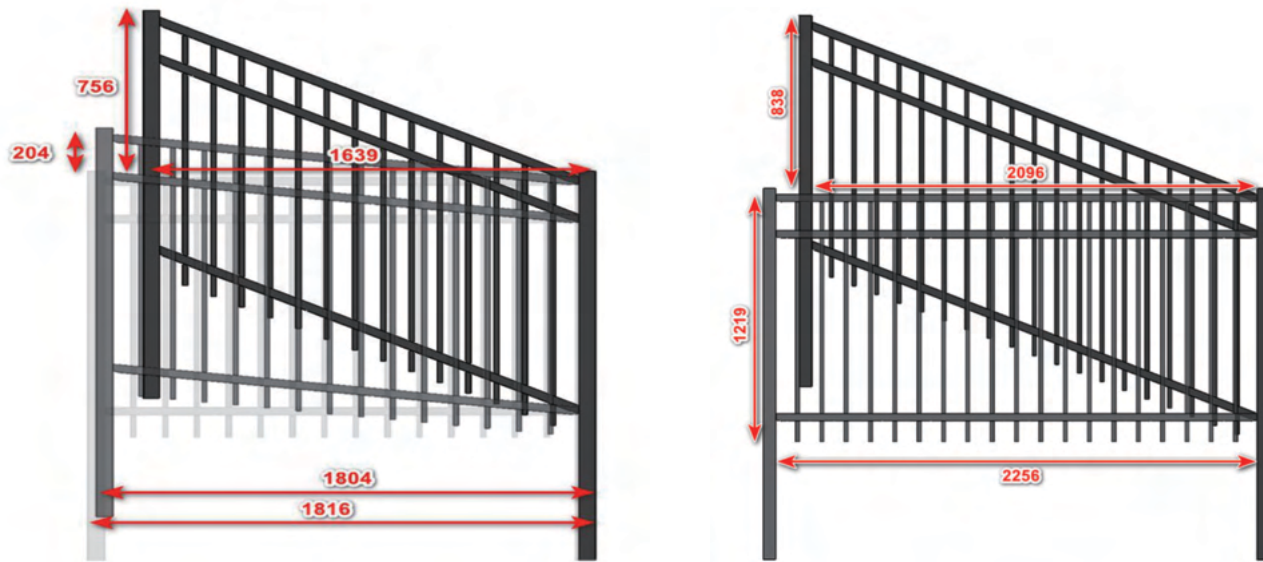AL02-3

AL02-4

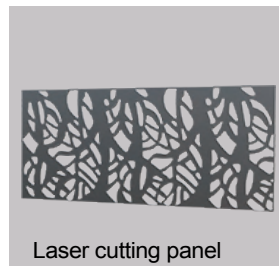### 3 Rail
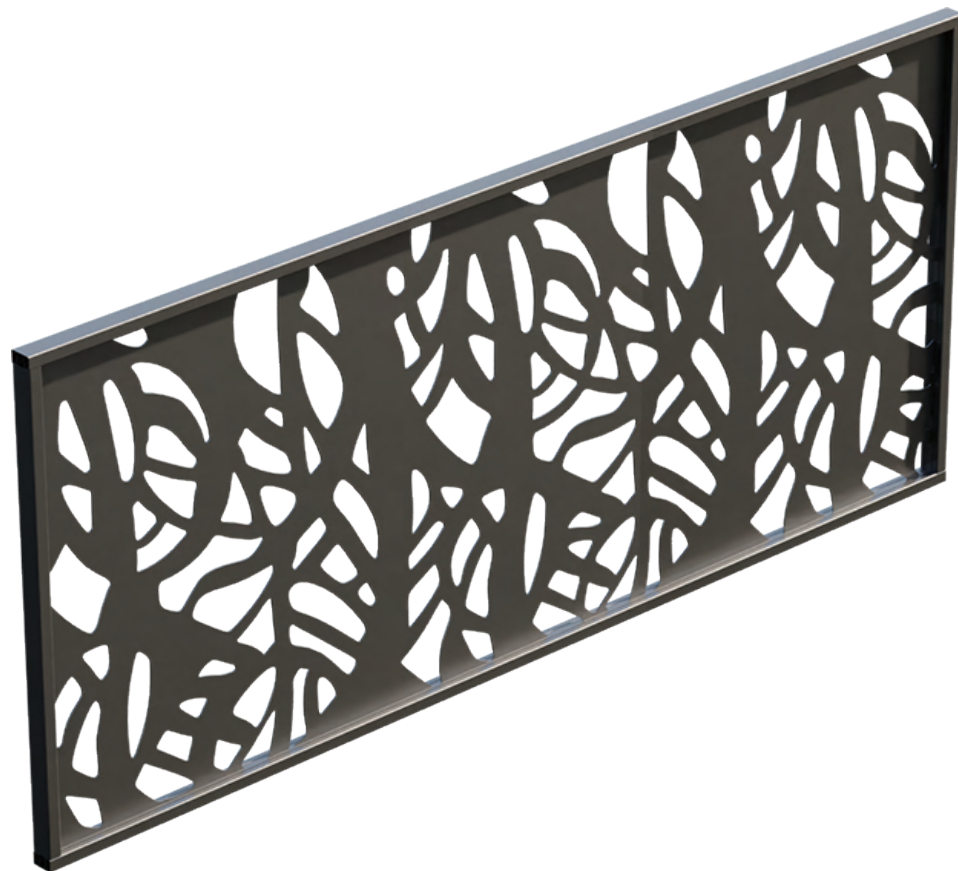
AL03-1

AL03-2

AL03-3

AL03-4

AL03-5

AL03-6

AL03-7

AL03-8
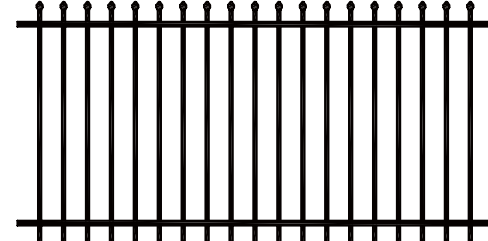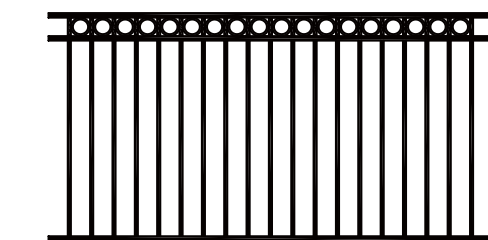
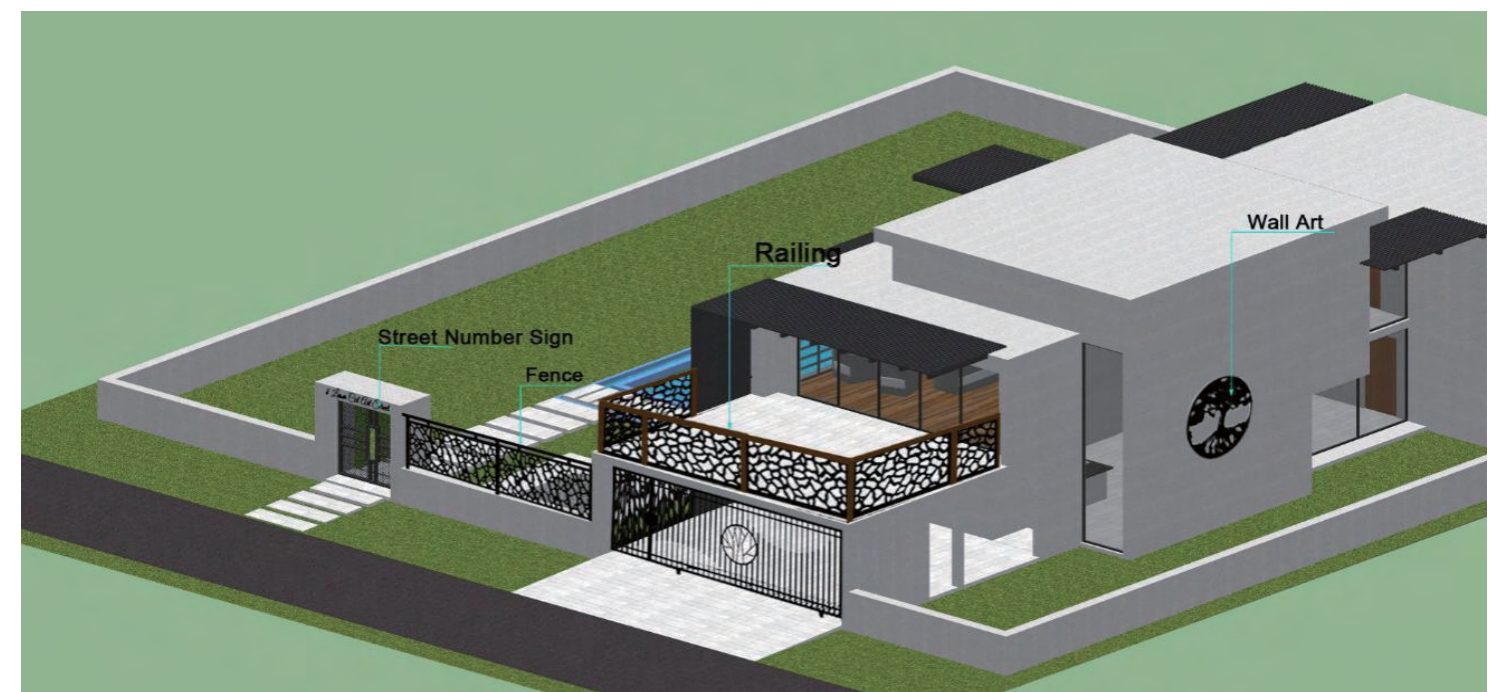## Raking Fence

Decorative Garden Fence

Laser cutting panel

U channel
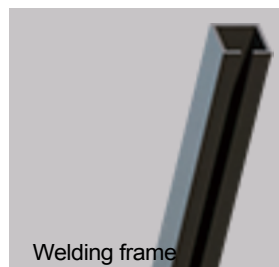
Welding frame
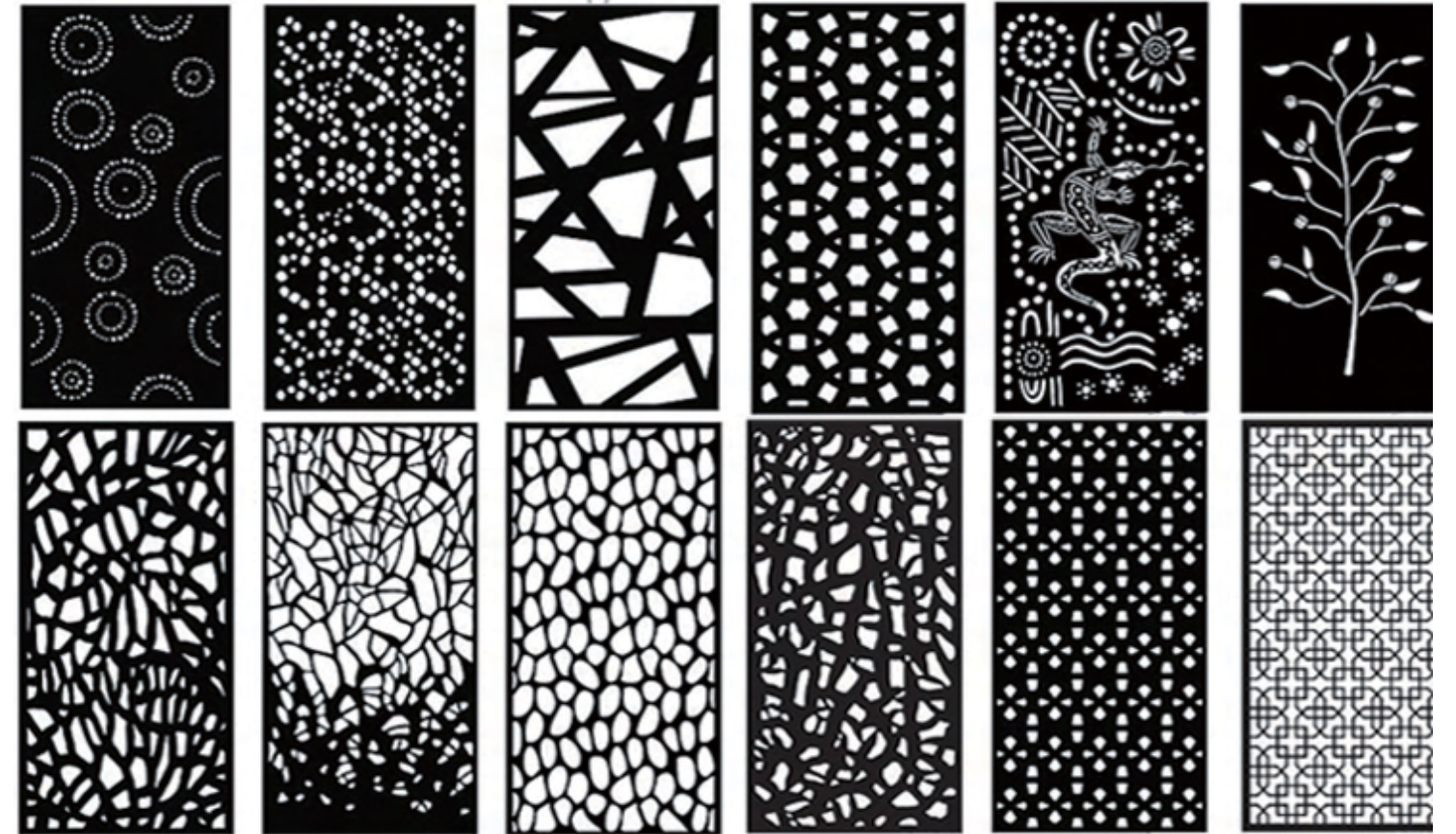
Laser Cut Aluminum Panels

Wall Art

Railing

Street Number Sign

Fence

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