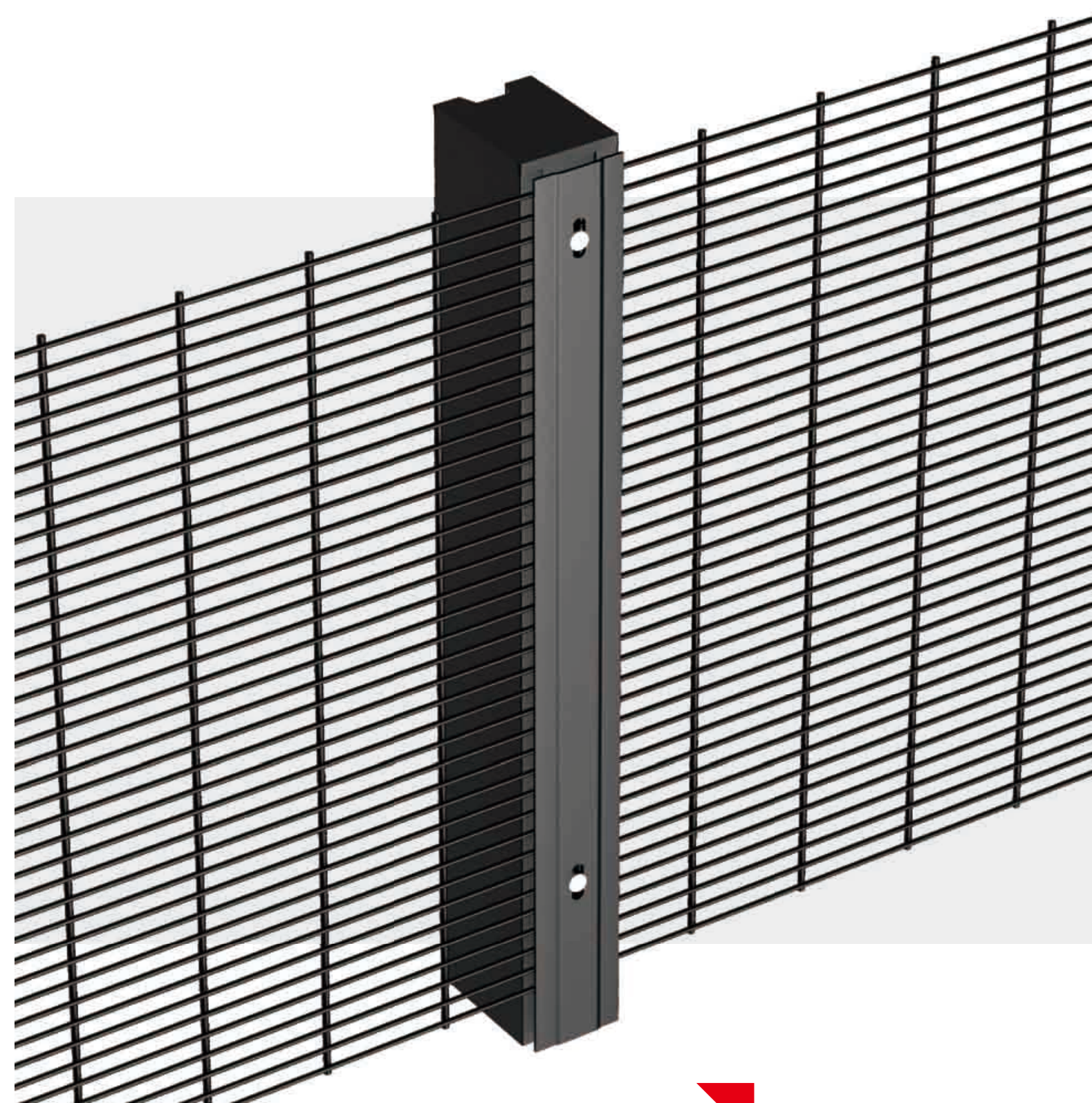




XtraVision (Pty) Ltd

Unit 1 Aviation Park
18 Pomona Road, Kempton Park,
Johannesburg, South Africa.
P.O. Box 12704 Benoryn 1504
Tel: +27 11 450 1056
Fax: +27 (0)86 685 2573
Email: marketing@xtravision.co.za
www.xtravision.co.za



SECURE-WALLTM



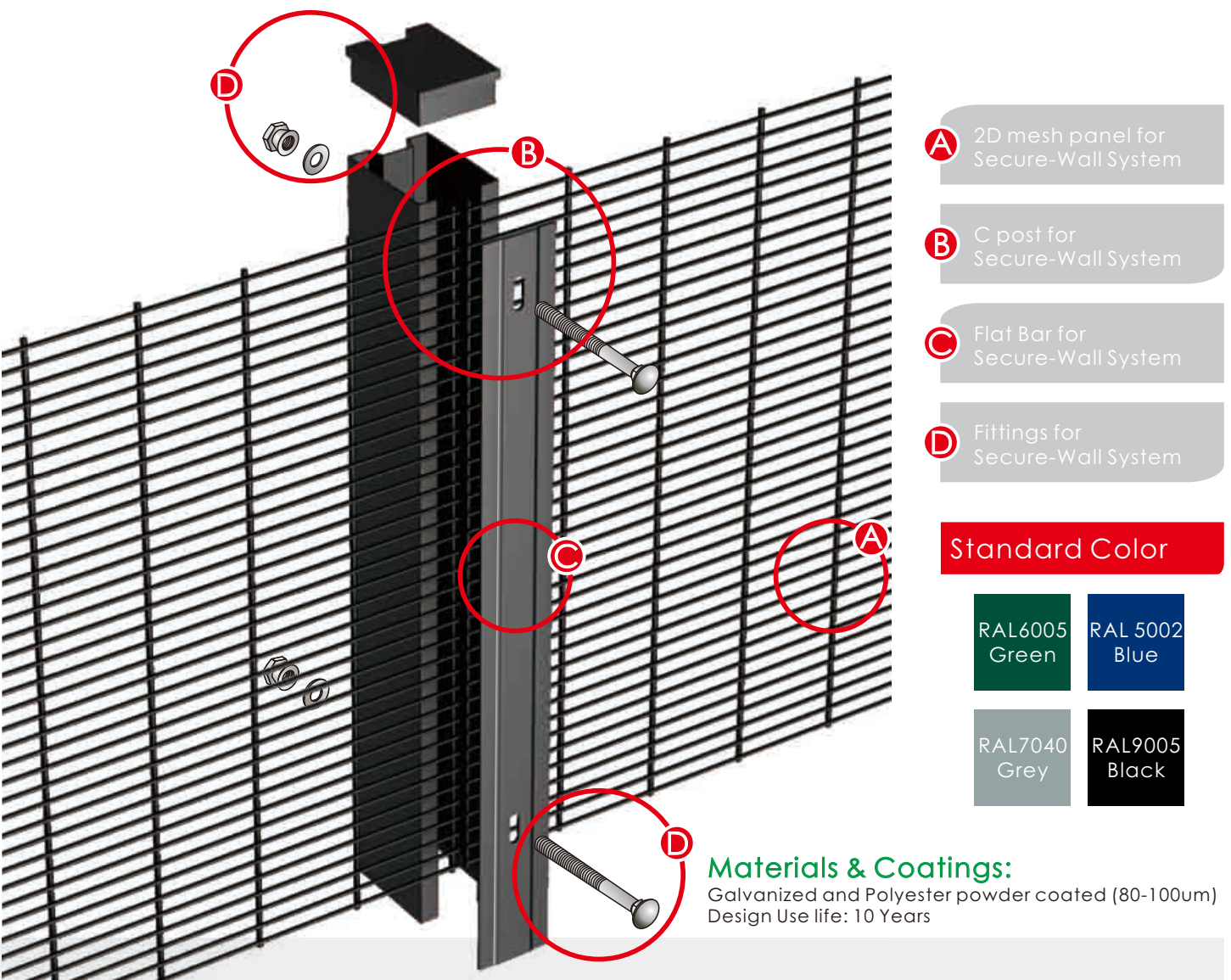
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TRA

VISION

INTEGRATED FIRE AND SECURITY SOLUTIONS

2D Panel System



- A 2D mesh panel for Secure-Wall System
- B C post for Secure-Wall System
- C Flat Bar for Secure-Wall System
- D Fittings for Secure-Wall System

Standard Color

RAL6005
Green

RAL 5002
Blue

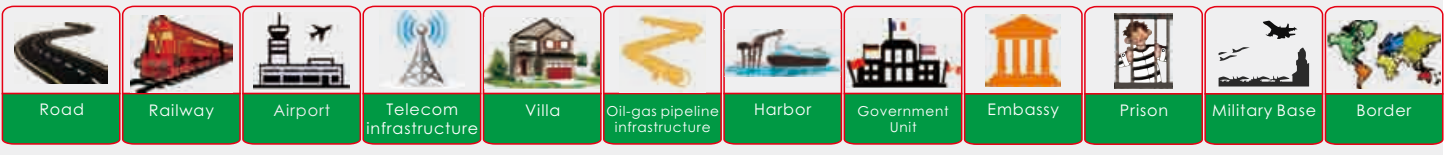
RAL7040
Grey

RAL9005
Black

Materials & Coatings:
Galvanized and Polyester powder coated (80-100um)
Design Use life: 10 Years

- Features:**
- * Attractive appearance or see through view
 - * Rigid enough with perfect steel structure
 - * Suitable for ground bury or concrete
 - * Full range of colors available
 - * Reference Standard:BS1722-14,ASTM F2453

Use



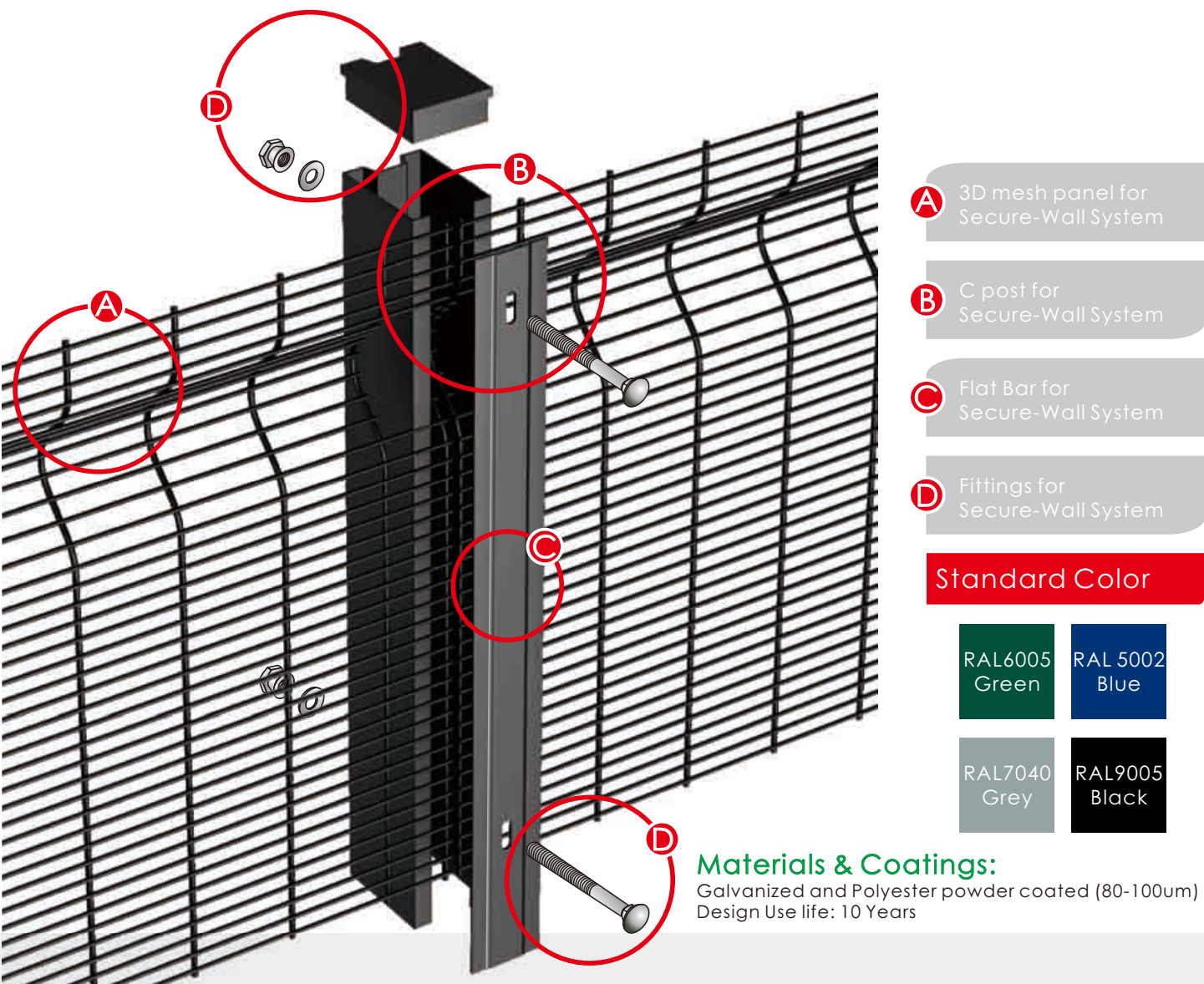
2D-PANEL							
Code	H(mm)	W(mm)	Mesh(mm)	Horizontal wire	Vertical wire	No.of V	Mass(Kgs)
1121830	1830(6ft)	2440(8ft)	76.2x12.7(3"x1/2")	4.00(8Ga)	4.00(8Ga)	0	41.07
1122130	2130(7ft)	2440(8ft)	76.2x12.7(3"x1/2")	4.00(8Ga)	4.00(8Ga)	0	47.58
1122440	2440(8ft)	2130(7ft)	76.2x12.7(3"x1/2")	4.00(8Ga)	4.00(8Ga)	0	47.58
1122740	2740(9ft)	2130(7ft)	76.2x12.7(3"x1/2")	4.00(8Ga)	4.00(8Ga)	0	53.41



XTRAVISION

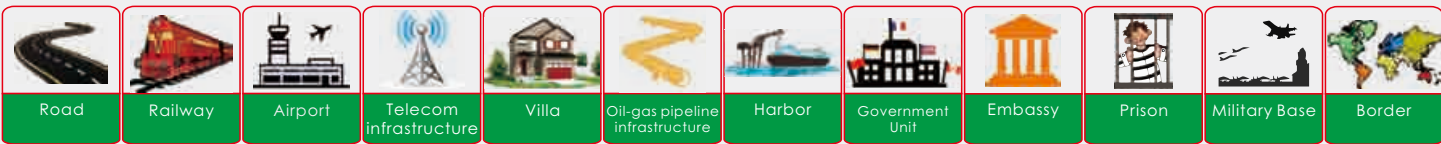
INTEGRATED FIRE AND SECURITY SOLUTIONS

3D Panel System



- Features:**
- * Attractive appearance or see through view
 - * Rigid enough with perfect steel structure
 - * Suitable for ground bury or concrete
 - * Full range of colors available
 - * Reference Standard:BS 1722-14,ASTM F2453

Use

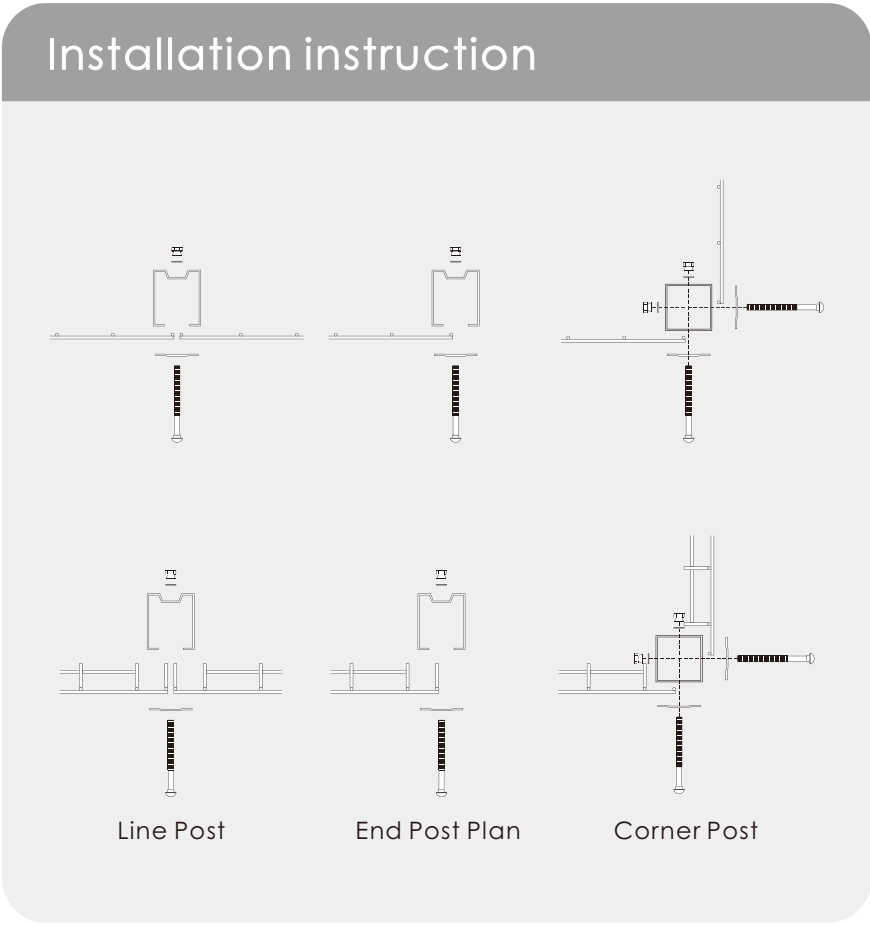


3D-PANEL							
Code	H(mm)	W(mm)	Mesh(mm)	Horizontal wire	Vertical wire	No.of V	Mass(Kgs)
1111830	1830(6ft)	2740(9ft)	76.2x12.7(3"x1/2")	3.00(11Ga)	4.00(8Ga)	3	29.74
1112130	2130(7ft)	2740(9ft)	76.2x12.7(3"x1/2")	3.00(11Ga)	4.00(8Ga)	4	34.59
1112440	2440(8ft)	2130(7ft)	76.2x12.7(3"x1/2")	3.00(11Ga)	4.00(8Ga)	4	30.78
1112740	2740(9ft)	2130(7ft)	76.2x12.7(3"x1/2")	3.00(11Ga)	4.00(8Ga)	5	34.65



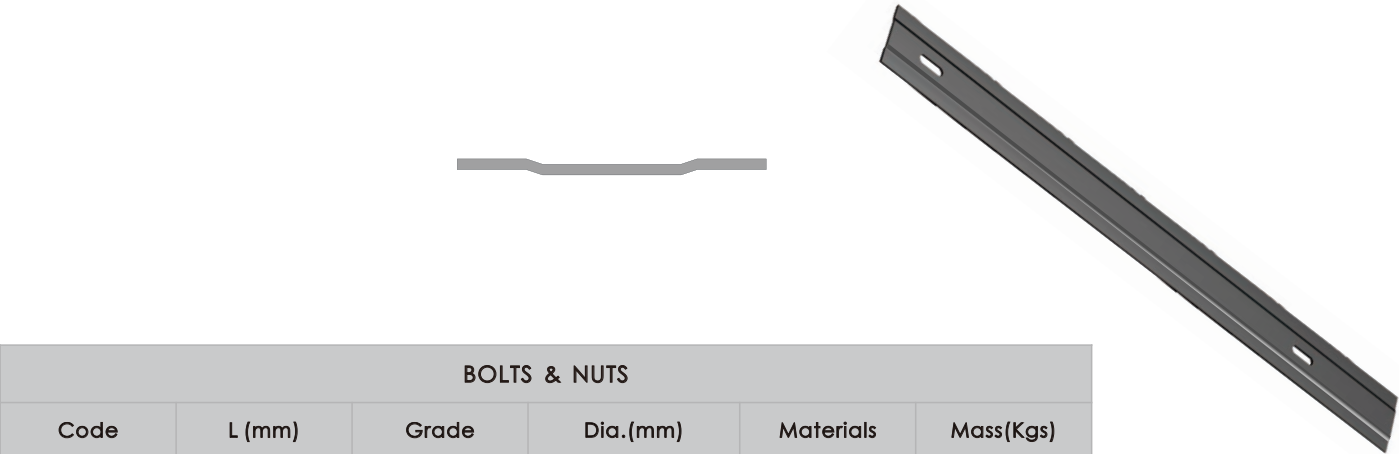
LINE / END POST							
Code	H(mm)	Depth(mm)	Section (mm)	Wall thick(mm)	No. of Holes	Hole size	Mass(Kgs)
1212440	2440(8ft)	610(2ft)	76x64(3"x2-1/2")	2.0(14GA)	5	Φ9.0(0.32")	9.19
1212740	2740(9ft)	610(2ft)	76x64(3"x2-1/2")	2.0(14GA)	6	Φ9.0(0.32")	10.32
1213048	3048(10ft)	610(2ft)	76x64(3"x2-1/2")	2.5(12-1/2GA)	7	Φ9.0(0.32")	14.36
1213658	3658(12ft)	914(3ft)	76x64(3"x2-1/2")	2.5(12-1/2GA)	8	Φ9.0(0.32")	17.23

CORNER POST							
Code	H(mm)	Depth(mm)	Section (mm)	Wall thick(mm)	No. of Holes	Hole size	Mass(Kgs)
1222440	2440(8ft)	610(2ft)	75x75(3"x3")	2.0(14GA)	5	Φ9.0(0.32")	11.18
1222740	2740(9ft)	610(2ft)	75x75(3"x3")	2.0(14GA)	6	Φ9.0(0.32")	12.56
1223048	3048(10ft)	610(2ft)	75x75(3"x3")	2.5(12-1/2GA)	7	Φ9.0(0.32")	17.34
1223658	3658(12ft)	914(3ft)	75x75(3"x3")	2.5(12-1/2GA)	8	Φ9.0(0.32")	20.81



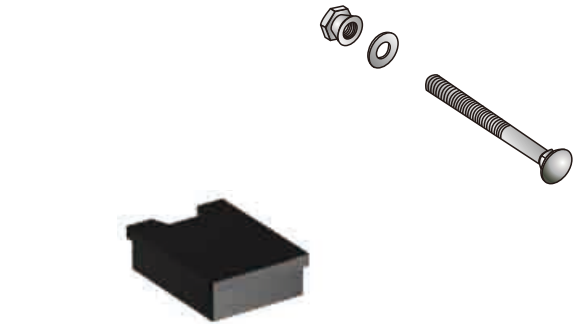
FLAT BAR-H1						
Code	H-1 (mm)	Size(mm)	Wall thick(mm)	No. of Holes	Hole size	Mass(Kgs)
1311830	1830(6ft)	64(1-1/2")	2.0(14GA)	5	Φ10.0(0.4")	1.89
1312130	2130(7ft)	64(1-1/2")	2.0(14GA)	6	Φ10.0(0.4")	2.21
1312440	2440(8ft)	64(1-1/2")	2.5(12-1/2GA)	7	Φ10.0(0.4")	3.16
1312740	2740(9ft)	64(1-1/2")	2.5(12-1/2GA)	8	Φ10.0(0.4")	3.55

FLAT BAR-H2						
Code	H-2 (mm)	Size(mm)	Wall thick(mm)	No. of Holes	Hole size	Mass(Kgs)
1321830	2130(7ft)	64(1-1/2")	2.0(14GA)	6	Φ10.0(0.4")	2.21
1322130	2440(8ft)	64(1-1/2")	2.0(14GA)	7	Φ10.0(0.4")	3.16
1322440	2740(9ft)	64(1-1/2")	2.5(12-1/2GA)	8	Φ10.0(0.4")	3.55
1322740	3048(10ft)	64(1-1/2")	2.5(12-1/2GA)	9	Φ10.0(0.4")	3.95

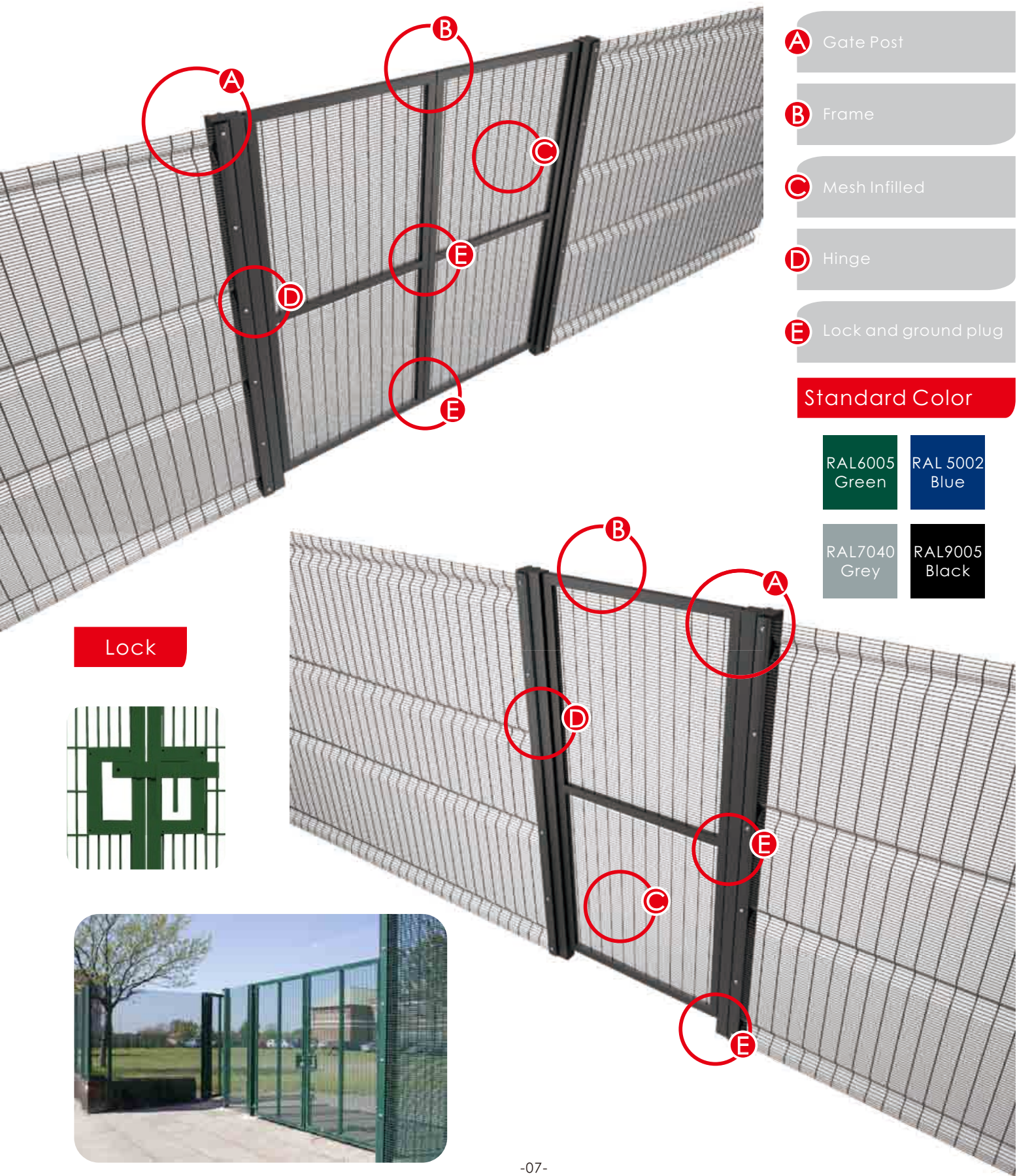


BOLTS & NUTS					
Code	L (mm)	Grade	Dia.(mm)	Materials	Mass(Kgs)
1420100	100(4.00")	A2-70	Φ8.00(0.31")	SS304	0.041
1430008	08(0.315")	A2-70	Φ8.00(0.31")	SS304	0.008
1440025	25(1.00")	A2-70	Φ8.00(0.31")	SS304	0.011

RAIN HAT			
Code	Size (mm)	Materials	Mass(Kgs)
1517664	76x64(3"x2-1/2")	ABS+UV	0.03
1520075	75x75(4.00")	ABS+UV	0.03
1530080	80x80(3.15"x3.15")	ABS+UV	0.04
1540100	100x100(4"x4")	ABS+UV	0.05



Single & Double Swing Gate (Manual)

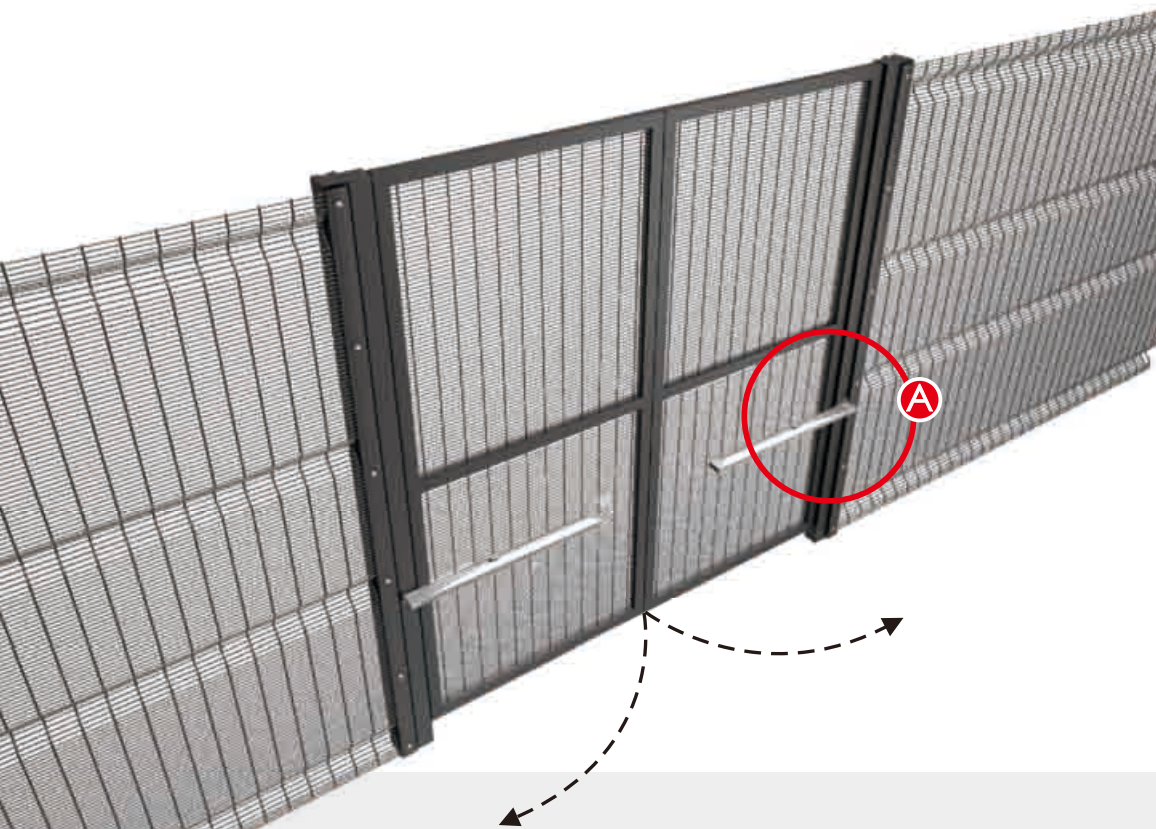


GATE-MANUAL								
Code	H (mm)	Opening (mm)	Mesh in filled (mm)	Frame (mm)	Gate Post	Lock	Type	Mass (Kgs)
1611830	1830 (6ft)	914-2130 (3ft-7ft)	76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	Sliding bolt & Ground plug	Single Swing	17.42/m2 + 7.07/m
1612130	2130 (7ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	Sliding bolt & Ground plug		
1612440	2440 (8ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	Sliding bolt & Ground plug		
1612740	2740 (9ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	Sliding bolt & Ground plug		
1621830	1830 (6ft)	2130-6100 (7ft-20ft)	76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	Sliding bolt & Ground plug	Double Swing	17.42/m2 + 7.07/m
1622130	2130 (7ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	Sliding bolt & Ground plug		
1622440	2440 (8ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	Sliding bolt & Ground plug		
1622740	2740 (9ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	Sliding bolt & Ground plug		

Remarks:
The weight per square meter refers to the swing panels ,and the weight per meter means for the gate post.



Single & Double Swing Gate (Automatic)



- A** Gearmotor F-600
- B** Control box
- C** Remote control FR36 A
- D** Photocell FA31
- E** Flashing light

Specification

Model	F-600(24V/DC)
Rated voltage(Vac)	AC230V 50/60Hz
Motor rated voltage(Vdc)	24
Input power(W)	100
Ambient temperature range(° C)	-25~+50
Max.single gate weight(kg)	350
Max.single gate width(m)	1.8m(without electric lock)
Max.single gate width(m)	2.5m(with electric lock)
Max.open angle(°)	120
Protection class(IP)	24
Max.travel limit (mm)	320
Continuous working cycle	MAX.50
Frequency	433.92MHz/868MHz

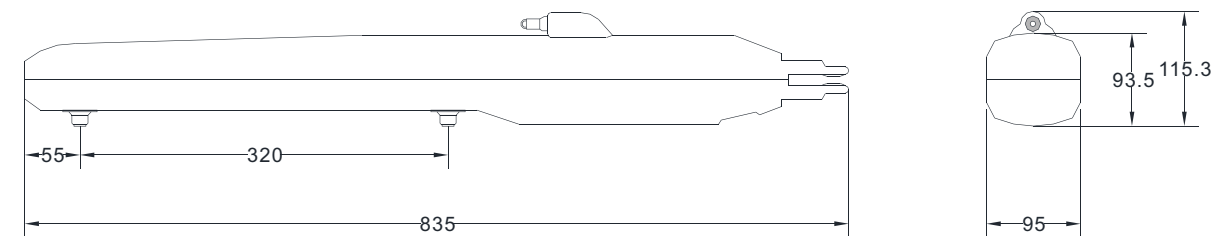
Features:

- * Super strong aluminum alloy housing, compact, elegant and durable.
- * New style gearbox, quiet and smooth.
- * Soft start and stop ensure along service life.
- * The gate leaf reverses or stops when any obstacles are met.
- * Safety further ensured with photocells and flashing light. Emergency release key provides manual operation in case of power failure.
- * Easy operation of one remote button for OPEN-STOP-CLOSE.
- * Personal setting of auto closing gate and single gate leaf operation.
- * Optional electric lock connector.



GATE- AUTOMATIC								
Code	H (mm)	Opening (mm)	Mesh in filled (mm)	Frame (mm)	Gate Post	Lock	Type	Mass (Kgs)
1631830	1830 (6ft)	914-2130 (3ft-7ft)	76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	3x Remote control key	Single Swing	17.42/m2 + 7.07/m
1632130	2130 (7ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	3x Remote control key		
1632440	2440 (8ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	3x Remote control key		25/m2 + 11.73/m
1632740	2740 (9ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	3x Remote control key		
1641830	1830 (6ft)	2130-6100 (7ft-20ft)	76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	3x Remote control key	Double Swing	17.42/m2 + 7.07/m
1642130	2130 (7ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	3x Remote control key		
1642440	2440 (8ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	3x Remote control key		25/m2 + 11.73/m
1642740	2740 (9ft)		76.2x12.7x4x4 (3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	3x Remote control key		

A CAD Design



Sliding & Cantilever Gate(Automatic)



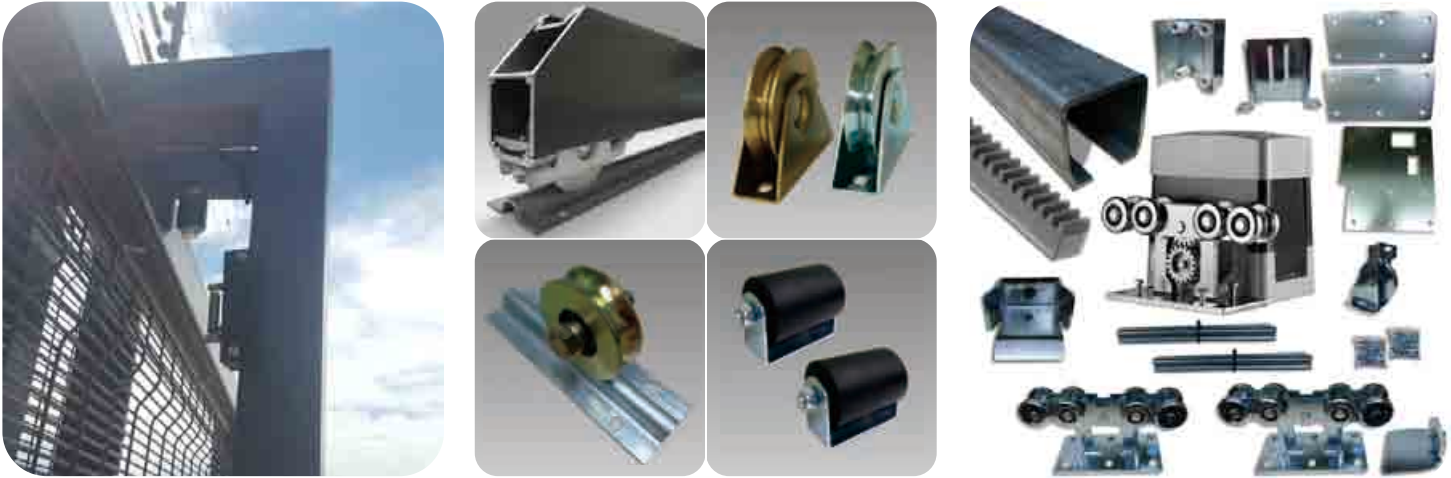
Specification

Model	F-550M	F-550G
Rated voltage	AC230V 50/60Hz	AC230V 50/60Hz
Motor rated voltage(Vdc)	24	24
Input power(W)	120	160
Ambient temperature range(° C)	-25~+50	-25~+50
Max.gate weight(kg)	600	900
Protection class(IP)	44	44
Moving speed(m/min)	≥11	≥11
Moving rotate speed(rpm)	3000±200	3000±200
Frequency	433.92MHz/868MHz	433.92MHz/868MHz

Features:

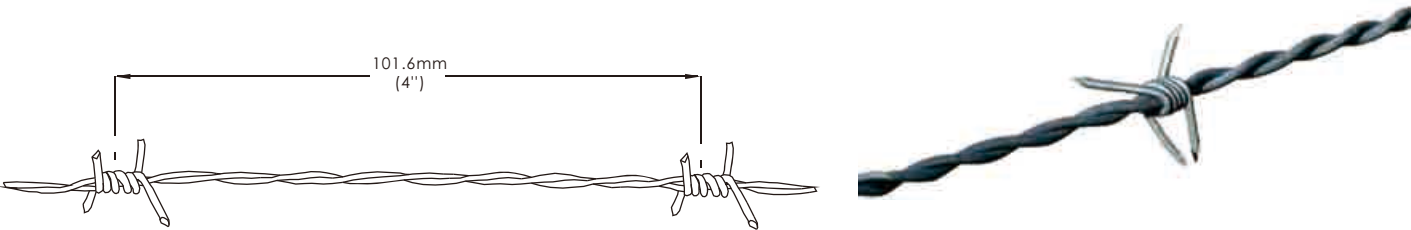
- * Connector for pedestrian door sensor.
- * Infrared protection to ensure high security.
- * Optional AC and DC connectors for flashing light.
- * Reversible gear motor allows selectable installation direction(Left & Right).
- * Die-casting A-alloy mechanism with powder spraying, stable and solid.
- * Soft start and stop avoids impact to the gate when it is opening and closing.
- * Electromechanical travel limit switches provide double protection and accurate positioning.
- * Timely resistance detection, automatic reverse when meeting obstacles. Force adjustable.

GATE- AUTOMATIC								
Code	H (mm)	Opening (mm)	Mesh in filled (mm)	Frame (mm)	Gate Post	Lock	Type	Mass (Kgs)
1651830	1830 (6ft)	3048-9140 (10ft-30ft)	76.2x12.7x4x4(3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	3x Remote control key	Single Sliding	***
1652130	2130 (7ft)		76.2x12.7x4x4(3"x1/2"x8Gax8Ga)	40x60 (1.6"x2.4")	80x80 (3.15"x3.15")	3x Remote control key		
1652440	2440 (8ft)		76.2x12.7x4x4(3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	3x Remote control key		
1652740	2740 (9ft)		76.2x12.7x4x4(3"x1/2"x8Gax8Ga)	60x80 (2.4"x3.15")	100x100 (4.00"x4.00")	3x Remote control key		

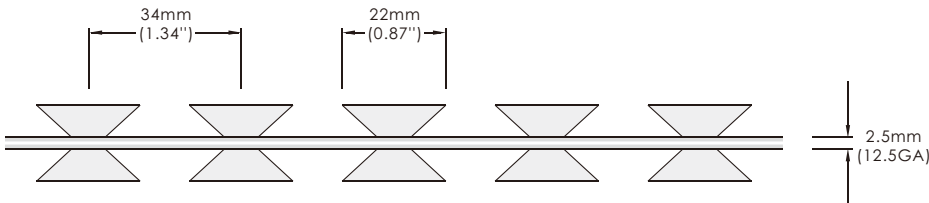
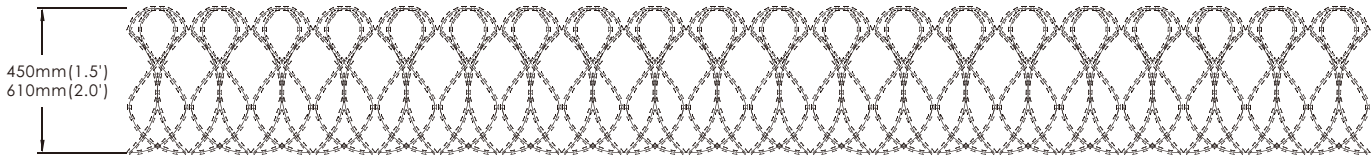


Barbed Wire (Alternative option)							
Code	WT-Strands	Wire thick - Barb (mm)	Strands x Barbs x Barb Space (mm)	No.of Twists	Twist Type	Length/Roll (m)	Mass (Kgs)
1610100	2.5(12.5GA)	2.0(14GA)	2x4x101.6(4 inch)	8	Reverse twist	100	12.50
1620100	2.5(12.5GA)	2.0(14GA)	3x4x101.6(4 inch)	-	Reverse twist	100	16.25
Materials: Carbon Steel wire and zinc /zinc alloy coating with minimum 200G/SQM zinc tickness							

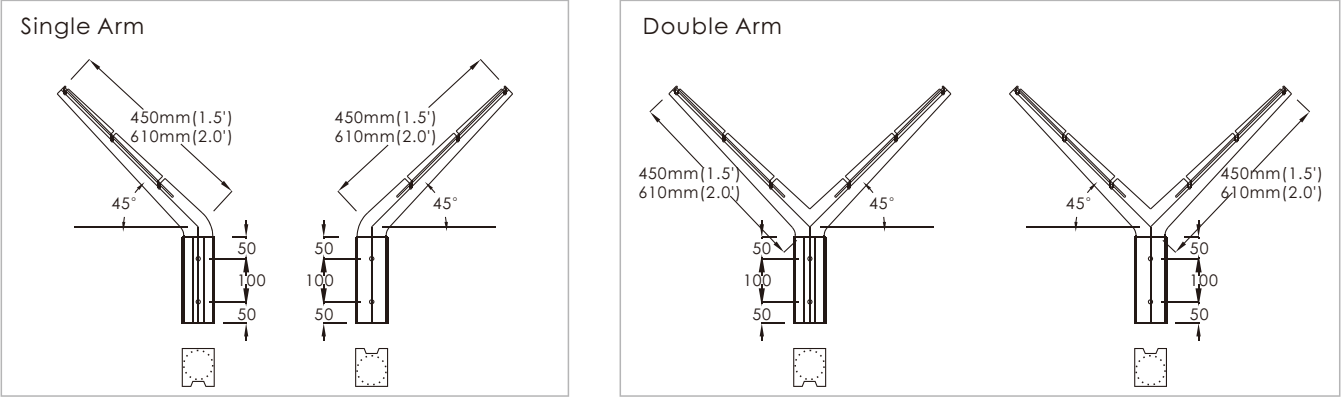
Barbed Wire



Razor Wire (Alternative option)								
Code	Type	O.D. (mm)	Core Wire Thick (mm)	Blade thick-Barb (mm)	Barb Space (mm)	Barb Length (mm)	Length/Roll (m)	Mass (Kgs)
1718400	BTO-22	450(1.5ft)	2.5(12.5GA)	0.50(25GA)	34(1.34")	22(0.87")	8.4(27.5ft)	6.90
1726400	BTO-22	450(1.5ft)	2.5(12.5GA)	0.50(25GA)	34(1.34")	22(0.87")	6.4(10.6ft)	5.30
1738400	BTO-22	610(2.0ft)	2.5(12.5GA)	0.50(25GA)	34(1.34")	22(0.87")	8.4(27.5ft)	9.40
1746400	BTO-22	610(2.0ft)	2.5(12.5GA)	0.50(25GA)	34(1.34")	22(0.87")	6.4(10.6ft)	7.20
Material: High carbon steel core wire with galvanized blade 200g/sqm zinc coating								



Extension arm (Alternative option)							
Code	Type	Sheet tickness	Branch length(mm)	No of Noches	No.s Holes on cap	Hole size (mm)	Mass(Kgs)
1810450	Single arm	1.6(16GA)	450mm(1.5ft)	3	2	Φ10.0(0.4")	1.00
1820610	Single arm	1.6(16GA)	610mm(2.0ft)	6	2	Φ10.0(0.4")	1.20
1830450	Double arm	1.6(16GA)	450mm(1.5ft)	3	2	Φ10.0(0.4")	1.60
1840610	Double arm	1.6(16GA)	610mm(2.0ft)	6	2	Φ10.0(0.4")	2.10



Wall spike (Alternative option)							
Code	Type	Sheet tickness	Barb Length(mm)	Barb Spacing(mm)	Total Height(mm)	Length(m)	Mass(Kgs)
1911370	HR-A2	2.0(14GA)	101+/-3.0mm(4")	78.30(3.1")	162.6(6.4")	1.37(4.5ft)	1.92
1921060	HR-A2	2.0(14GA)	101+/-3.0mm(4")	78.30(3.1")	162.6(6.4")	1.06(3.5ft)	1.48
1931370	HR-A3	2.0(14GA)	101+/-3.0mm(4")	78.30(3.1")	162.6(6.4")	1.37(4.5ft)	1.92
1941060	HR-A3	2.0(14GA)	101+/-3.0mm(4")	78.30(3.1")	162.6(6.4")	1.06(3.5ft)	1.48

