Fox Domotics is India’s Leading Brand for creation of sophisticated, energy efficient, simple to use and reliable products like lighting control solutions, motorized blinds, tubular motors, LED / Plasma TV lifts, projector lifts and motorized projector screens for use at residential, offices, retail, hospitality and public space. Fox Domotics is the solutions of choice for different types of ‘Smart Systems’. We have end to end solutions that can blend with high level functionality to enhance our living.

Fox Domotics with its expertise in research and development had always focused its aim to engineer the sophisticated product developments which are called as ‘Smart Systems’. With efforts of our team we have been able to build world class products which have better quality, durable and cost effective. With Technology getting smarter and become the part of every ones lives Fox Domotics always works around to develop new breed of ‘Smart System’ which are always easy to blends in ones surrounding.
Wi-Fi LIGHT CONTROL SYSTEMS

Wi-fi enabled system can be controlled through smart phones like android and iphone along with IR/RF remote and capacitive touch. Experience the power to control from anywhere that means your home always with you.

Wi-Fi Light Control Systems
Mobile Application - Android & iOS
Online Cloud Server
Features Of Wi-fi Smart Control
Fox Domotics Wi-Fi Light control systems are network based intelligent lighting control solution that incorporates communication between various Wi-Fi enabled systems like smart phones, laptop or computers. Light control systems are used in both indoor and outdoor lighting for commercial, industrial, and residential areas. Light control system can be controlled to provide the right amount of light where and when it is required.

The light control system gives major advantage over stand alone lighting controls or conventional manual switching. Light control system provides ability to control individual lights or groups of lights from single user interface device. Complex lighting scenes can be created and thus multiple light sources can be controlled from a user device. This gives the advantage for creating multiple scenes pre-set for each activities for a room. A major advantage of light control system is reduced energy consumption. Lamp life is increased with dimming control and switching off lights when not in use. Wi-Fi light control systems provide additional benefits for controlling lights directly through mobile device which is the most used device by any user.

Fox Domotics range of Wi-Fi light control system comes in variant type. Following are the classification based

- Standard based light control systems
- Wi-Fi based light control systems

Based on remote we provide IR and RF type Light Control System in all above variants. Capacitive touch front panel is common in all above device.

- IR or RF remote
- Capacitive touch front panel
- Wi-Fi Network Communication
Wi-Fi LIGHT
CONTROL SYSTEMS

MODEL: FDL-66X

Wi-Fi Series

FDL-661-W  Wi-Fi  FDL-662-W

Standard Series

FDL-661-S  FDL-662-S

Wi-Fi Light control system is Wi-Fi inbuilt system with an elegant glass finish. The front glass finish gives the best looks to blend with any wall design. The glass comes in 2 variant white with gold and black with gold. Both have its own richness and it’s more of your choice according to your wall color.

FDL-66X model is compact 12 zone light control system. It has 6 dimmer zones and 6 on/off zone. This big is enough for a living room of large size where light are more often used more to create the best ambient as per the owners choice.

With Wi-Fi inbuilt it connects to your home Wi-Fi network directly and thus you can control from your smart phone apps directly.

With home gateway installed you can even control this device from on the go almost from anywhere through internet connectivity. Thus giving you the power to monitor and control your home smart devices from almost anywhere.

This is a product for blend of both class and comfort.

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FDL39X model is compact 1 2 zone light control system. It has 3 dimmer zones and 9 on/off zone. This big is enough for a living room of large size where light are more often used more to create the best ambient as per the owners choice.

With Wi-Fi inbuilt it connects to your home Wi-Fi network directly and thus you can control from your smart phone apps directly.

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Wi-Fi LIGHT
CONTROL SYSTEMS

MODEL: FDL-33X

Wi-Fi Series

FDL-331-W
FDL-332-W

Standard Series

FDL-331-S
FDL-332-S

Wi-Fi Light control system is Wi-Fi inbuilt system with an elegant glass finish. The front glass finish gives the best looks to blend with any wall design. The glass comes in 2 variant white with gold and black with gold. Both have its own richness and it’s more of your choice according to your wall color.

FDL33X model is compact 6 zone light control system. It has 3 dimmer zones and 3 on/off zone. This big is enough for a master bed room of large size where light are more often used more to create the best ambient as per the owners choice.

With Wi-Fi inbuilt it connects to your home Wi-Fi network directly and thus you can control from your smart phone apps directly.

With home gateway installed you can even control this device from on the go almost from anywhere through internet connectivity. Thus giving you the power to monitor and control your home smart devices from almost anywhere.

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FDL06X model is compact 6 zone light control system. It has 6 on/off zone. This big is enough for a master bed room of large size where light are more often used more to create the best ambient as per the owners choice.

With Wi-Fi inbuilt it connects to your home Wi-Fi network directly and thus you can control from your smart phone apps directly.

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Wi-Fi Series

Standard Series

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Wi-Fi Light control system is a Wi-Fi inbuilt system with an elegant glass finish. The front glass finish gives the best looks to blend with any wall design. The glass comes in 2 variants: white with gold and black with gold. Both have their own richness and it's more of your choice according to your wall color.

FDL-03X model is a compact 3 zone light control system. It has 3 on/off zones only. This small device is for a bedroom or passage or kitchen of small size where lights are less and require control from anywhere.

With Wi-Fi inbuilt, it connects to your home Wi-Fi network directly and thus you can control from your smartphone apps directly.

With a home gateway installed, you can even control this device from on the go almost from anywhere through internet connectivity. Thus giving you the power to monitor and control your home smart devices from almost anywhere.

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FDW-55X model is compact 1 zone curtain control system. This small device is for single or double curtain and require control from anywhere.

With Wi-Fi inbuilt it connects to your home Wi-Fi network directly and thus you can control from your smart phone apps directly.

With home gateway installed you can even control this device from on the go almost from anywhere through internet connectivity. Thus giving you the power to monitor and control your home smart devices from almost anywhere.

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Wi-Fi CURTAIN
CONTROL SYSTEMS

MODEL: FDW-56X

Wi-Fi Series

FDW-561-W    FDW-562-W

Standard Series

FDW-561-S    FDW-562-S

Wi-Fi Light control system is Wi-Fi inbuilt system with an elegant glass finish. The front glass finish gives the best looks to blend with any wall design. The glass comes in 2 variant white with gold and black with gold. Both have its own richness and it’s more of your choice according to your wall color.

FDW-56X model is compact 2 zone curtain control system. This small device is for single or double curtain and require control from anywhere.

With Wi-Fi inbuilt it connects to your home Wi-Fi network directly and thus you can control from your smart phone apps directly.

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MOBILE APPLICATION

Today is the world of smart phone and thus smart home concept is incomplete with mobile apps for android and iphone. Wi-fi infrastructure has become common at home or office and thus it is standard wireless communication method available in mobile phones, laptops and PC.

Fox Domotics light control system has inbuilt Wi-fi system and so it can be controlled through wi-fi enabled devices like smart phone and laptops.

Fox Domotics Wi-fi connects to your Wi-fi infrastructure automatically and is always available for you to control either locally or remotely. When a person is within the same local home network he can control through local LAN and when he is out can control through internet.

The mobile apps are available for 2 OS namely

![Android](android-icon.png)  ![iphone & iPad](iphone-icon.png)

These mobile apps are designed with very easy and elegant user interface. It just takes few seconds to learn and start using and controlling your home from your mobile apps.

The apps have following features:

1. List all rooms with icon
2. Once a room selected it list all device with category like light, curtains, AC
3. Each room has a dedicated 4 scene and 1 all off button
4. Complete home scenes list and control screen
5. Login and sync data for your home features
Fox Domotics Online web server application is an advanced application for setting the entire home. Creation of rooms and devices for light or AC or Curtains are all done here. It has advanced features for give customized room name and device name which are easier to understand while controlling from mobile apps and laptops.

All details for each room and device are entered here and then easily synced to various mobile devices by login by each member through their mobile apps. This method makes it easier to update the home configuration to be synced to each device at any point of time. Any lost or theft of a mobile device will not need to reconfigure as all the data is on the server and with new device the home owner has to just need install apps and sync.

Home user can create any number of scenes for his whole house or a part of the house like away, cleaning or evening scenes. All these scenes are created and maintained on server and synced to each mobile device individually.

Online web server application is on cloud and thus gives fast and 24 X 7 availability to all home owners.

Home owner can add new members or delete old members any time and thus provide complete control for his home. The web server is fully secured and provided with highest level of security for data. Since all the controls are given through mobile apps and the data is only synced through user id and password, makes this apps fully secured.

Fox Domotics online web server application is cloud and so will get updated from time to time with new features and this all is available to new and old clients as well.
Online Control Panel
For Home

- Android apps for controlling your entire home through Wi-Fi
- This is the master control panel for entire home
- Manage your rooms like living room, master bedroom etc.
- Manage your devices per room.
- Give logical name to each zone like blue light, yellow light, halogen etc.
- Four scene control for each room which is common to remote and touch.
- Manage scene for entire home (one can create unlimited scene for his home).
- Manage user you are going to control it through mobile devices or laptop.
- Create once and then sink it to all mobile devices without any hassle.
- Unlimited home scene control for entire home.
- Very easy and user friendly user interface.
- Get advantage of local control when at home (faster speed)
- Control your home from anywhere through internet.
Control
Remote Touch App

- Capacitive touch control with glass finish.
- Fox IR/RF remote for local control.
- Wi-Fi enabled system thus control from mobile or laptop.
- 500W load capacity per zone.
- Separate dimmer and ON/OFF zone for better control and safety.
- Complete stand alone system thus least maintenance required.
- Plug in type connector for power input ports.

Know Now Do Now
Remote Monitoring & Management Be the first to know.
PRODUCTS

MOTORISED CURTAIN
Curtain motor is mainly used for motorized curtain, which is widely used in hotel, villa and fine fitment places. It has 9 powerful functions including electronic memory limit, elegant operation, manual function when power off start by light touch, silent design, etc., which brings great comfort and convenience to people's busy daily life. It is becoming a standard setting.
MOTORIZED CURTAIN
FUNCTION DESCRIPTION

Elegant Operation Function
DC curtain motor with light open and light close function. When it starts and nears the limit position, the speed will obviously slow and make the curtain running more elegantly.

Electronic Memory Limit Function
This motor with electronic limit, no need to set the limit position by hand. It greatly shortens the debugging time. The electronic limit function can automatically delete the limit difference of each day and keep the precise limit position for a long time.

Built-In Receiver Function
Fox Domotics curtain motor is endowed with built-in receiver function, which is compatible with any other type of Fox Domotics emitters. Curtains can be controlled separately or in a group system.

Resistance and Stop Function
When you pull the opening or closing curtain, it will automatically stop to protect the curtain from resistance.

Long Lifetime, Durable In Use
Our company, uses high strength synchronous belt with anti-aging and acid-resistance function. This system can keep its shape after 15,000 times use. It has 20 years' life span if calculated by 2 times per day.

Electronic Memory Limit Function
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When you pull the opening or closing curtain, it will automatically stop to protect the curtain from resistance.

Long Lifetime, Durable In Use
Our company, uses high strength synchronous belt with anti-aging and acid-resistance function. This system can keep its shape after 15,000 times use. It has 20 years' life span if calculated by 2 times per day.
MOTORIZED CURTAIN
FUNCTION DESCRIPTION

Light Touch - Start Function
If you use hand to pull the curtain lightly, the curtain will run automatically and stop until fully opened or fully closed.

Power Off Manual Function
When the power is off, just do as we do to a common manual operated curtain, we can lightly pull the curtain to open and close.

Safely Voltage Function
With 24V/12V low voltage output. This function makes sure the safety of the installation people and the users.

Silent Design
Sound insulation is adopted to reduce noise, which makes the noise less than 35dB.

Compatible and Multi-function
Compatible to various control systems, such like Smart Home Control System and RS232/RS485 Infrared Control.

---

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AC CURTAIN MOTOR

FDH - 4520 - S
FDH - 7520 - S

S: Standard Type
Electronic Memory Limit + Resistance And Stop Functions
+ Power On And Off Manual Function
+ External Heavy Current Switch Function

Outline

Features
- Electronic limit switch
- Quite Design motor
- Very Easy to Install and Operate
- Powerful motor capacity
- 230V AC motor

Inner Structure Picture

Electronic Limit
Capacitor
Motor
Gear Box

Motor Type Explanation

FDH - 4520 - S
Fox Domotics Curtain Motor
Dimension Code
Standard type
Rated Torque(Nm)
Open / Close Speed (cm/sec)

FDH - 7520 - S

Technical Data

<table>
<thead>
<tr>
<th>FDH12-45/20-S</th>
<th>220V / 50Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Curtain Weight</td>
<td>50 (Kg)</td>
</tr>
<tr>
<td>FDH16-75/20-S</td>
<td>100 (Kg)</td>
</tr>
</tbody>
</table>

Product Certificate: RoHS

Blue = Neutral
Black = Direction 1
Brown = Direction 2
Green / Yellow = Earth
AC CURTAIN MOTOR

FDH - 4520 - R
FDH - 7520 - R

R: Radio Type
Electronic Memory Limit + Built in Receiver + Resistance And Stop Functions
+ Light touch-start function
+ Power Off Manual Function
+ External Dry Contact Switch Function

Outline

Features
- Electronic limit Switch
- Quite Design motor
- Very Easy to Install and Operate
- 230V AC motor
- Powerful motor capacity

Inner Structure Picture

Motor Type Explanation

FDH - 6 R 45 / 20

Technical Data

<table>
<thead>
<tr>
<th>Safety Curtain Weight (Kg)</th>
<th>Rated Power Input (W)</th>
<th>Open / Close Speed (cm/sec)</th>
<th>Rated Current (A)</th>
<th>Continuous Running Time (min)</th>
<th>Ingress Protection (IP)</th>
<th>Max. Limit Turns</th>
<th>Track Length (m)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>45</td>
<td>20</td>
<td>0.23</td>
<td>4</td>
<td>≤</td>
<td>≤</td>
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<tr>
<td>100</td>
<td>75</td>
<td>20</td>
<td>0.34</td>
<td>4</td>
<td>≤</td>
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<td>≤</td>
</tr>
</tbody>
</table>

Product Certificate
RoHS

220V / 50Hz

FDH-R

FDH12-45/20-R

Blue = Neutral
Brown = Live
Green / Yellow = Earth
S# TRACK

THE ENGRAFTING OVERVIEW OF S# TRACK
## TRACK AND ACCESSORIES

<table>
<thead>
<tr>
<th>NO.</th>
<th>PRODUCT PHOTO</th>
<th>PRODUCT NAME</th>
<th>PRODUCT CODE</th>
<th>DESCRIPTION</th>
<th>THE REQUIRED QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>S# TRACK</td>
<td>FDS157-05</td>
<td>ALUMINIUM</td>
<td>BUY ACCORDING TO THE REQUESTED LENGTH (UNIT: METER)</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>RUBBER BELT</td>
<td>FDS157-07B, FDS157-07C, FDS157-07D</td>
<td>GREEN (DOMESTIC) MAX. 50KG, WHITE (DOMESTIC) MAX. 50KG, GREEN (IMPORT) MAX. 100KG</td>
<td>BUY ACCORDING TO THE REQUESTED LENGTH (UNIT: METER)</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>SLIP PARTS ASSEMBLY</td>
<td>FDS157-21A, FDS157-21B</td>
<td>TWO-WAY DRAW: 2PCS /SET</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SLIP PARTS ASSEMBLY</td>
<td>FDS157-21C, FDS157-08</td>
<td>ONE-WAY DRAW: 1PCS / SET</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>CEILING FIXED BRACKET</td>
<td>FDS157-18, FDS157-19</td>
<td>METAL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>WALL FIXED BRACKET</td>
<td>FDS157-18, FDS157-19</td>
<td>SINGLE TRACK DOUBLE TRACK</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>RUNNERS</td>
<td>FDS157-06, FDS157-06A</td>
<td>STANDARD RUNNER MOVEABLE RUNNER</td>
<td>8 PCS FOR EVERY 1 METER</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>TRACK JOINT GROUP</td>
<td>FDS157-23</td>
<td>FOR CONNECTING TWO TRACKS</td>
<td>1 PCS FOR EVERY 1 TRACK JOINT</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>UPPER AND LOWER COVERBOARD</td>
<td>FDT52S, FDT52E</td>
<td>PLASTIC</td>
<td>2 PCS PER SET</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>UPPER AND LOWER COVERBOARD</td>
<td>FDT82DS, FDT82DE</td>
<td>PLASTIC</td>
<td>2 PCS PER SET</td>
</tr>
</tbody>
</table>

Note: Different tracks for option
1. For example (S Track): the total length of track is 2M

For S Track:

Section Bar length (S Track) = Total Track Length - 15.8 cm

For A Track:

Section Bar length (A Track) = Total Track Length - 15.8 cm

2. Rubber Belt Size Calculation

For S Track:

Length of rubber belt (S Track) = (Total Track Length * 2) - 4.5 cm

For A Track:

Length of rubber belt (A Track) = (Total Track Length * 2) - 4.5 cm

Note: Please cut through the midpoint of gear apex.

3. Pls leave half gear at both ends when assemble rubber belt fastening button

4. Pls leave one gear at middle of two rubber belt fastener at the middle point of rubber belt.

5. Fold the rubber belt and assemble the rubber belt fastener into the master carrier over lap arm

6. Assemble the section bar according to the direction on the diagram

7. Open the rubber belt button at this end

8. Then place the rubber belt button into the slip parts assembly according to the diagram.

9. Assemble slip parts assembly rubber belt fastener then to section bar according to the arrow on the diagram

10. Place the upper covers into the bothsides of the track

11. Place the rubber belt and gears into the upper covers

12. Place the lower cover into the upper cover and lock them by screws

13. Cover the upper and lower by upper and lower coverboard.

14. Place the runners into the track

15. Place the connection parts into the lower cover and fasten them by screwdriver.
### DATA SHEET FOR TRACK BEARING CAPACITY

- The longest track: 12m
- The shortest radius of curved track: 25cm

### FABRIC WEIGHT CALCULATION

Fabric Weight = Unit Area Fabric Weight (kg/m²) + Covering Area (m²) + Pinching Rate

### Load-bearing table of curtain system (only for reference)

<table>
<thead>
<tr>
<th>TRACK TYPE</th>
<th>4M TRACK</th>
<th>8M TRACK</th>
<th>12M TRACK</th>
<th>3M TRACK</th>
<th>6M TRACK</th>
<th>10M TRACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>45kg</td>
<td>40kg</td>
<td>35kg</td>
<td>60kg</td>
<td>60kg</td>
<td>50kg</td>
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<tr>
<td>B</td>
<td>50kg</td>
<td>45kg</td>
<td>40kg</td>
<td>60kg</td>
<td>60kg</td>
<td>50kg</td>
</tr>
<tr>
<td>C</td>
<td>40kg</td>
<td>35kg</td>
<td>30kg</td>
<td>44kg</td>
<td>38kg</td>
<td>36kg</td>
</tr>
<tr>
<td>D</td>
<td>45kg</td>
<td>40kg</td>
<td>35kg</td>
<td>50kg</td>
<td>44kg</td>
<td>42kg</td>
</tr>
<tr>
<td>E</td>
<td>30kg</td>
<td>25kg</td>
<td>20kg</td>
<td>35kg</td>
<td>26kg</td>
<td>24kg</td>
</tr>
<tr>
<td>F</td>
<td>35kg</td>
<td>30kg</td>
<td>25kg</td>
<td>38kg</td>
<td>32kg</td>
<td>30kg</td>
</tr>
<tr>
<td>G</td>
<td>40kg</td>
<td>35kg</td>
<td>30kg</td>
<td>43kg</td>
<td>40kg</td>
<td>36kg</td>
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<tr>
<td>H</td>
<td>45kg</td>
<td>40kg</td>
<td>35kg</td>
<td>48kg</td>
<td>44kg</td>
<td>40kg</td>
</tr>
<tr>
<td>I</td>
<td>21kg</td>
<td>16kg</td>
<td>/</td>
<td>35kg</td>
<td>25kg</td>
<td>/</td>
</tr>
<tr>
<td>J</td>
<td>31kg</td>
<td>21kg</td>
<td>/</td>
<td>30kg</td>
<td>20kg</td>
<td>/</td>
</tr>
</tbody>
</table>

The maximum load of single runner: 1.5kg; the minimum space between two runners: 100mm

PS: Please consult to Fox Domotics when the radius of curved track is less than 250mm
TECHNICAL SUPPORT
FOR TRACK INSTALLATION

FDH-45/75 SERIES
INSTALLATION DRAWING

One-way draw

Two-way draw
TECHNICAL SUPPORT FOR TRACK INSTALLATION

FDT82 SERIES INSTALLATION DRAWING

One-way draw

One-way Draw Single-track

One-way Draw Double-track

Two-way draw

Two-way Draw Single-track

Two-way Draw Double-track
**TECHNICAL SUPPORT FOR TRACK INSTALLATION**

**TRACK FIELD MEASUREMENT METHOD**

- **Straight Track**: Straight track length should be 4cm shorter than actual curtain case length.

![Installation & Measurement Diagram of Straight Track](image1)

- **Curved Track**: Arc window uses curved track, arc length (the length of curved track), arc height and chord length (these two figures are for confirming the arc shape of track) are required. Arc length of track should be 4cm shorter than actual arc length of room; When measuring double-track, please check whether walls at both sides are parallel or have arc, and other factors that might cause different length of two tracks.

![Installation & Measurement Diagram of Curved Track](image2)

- **Standard number of track installing bracket** is \( \text{Track Length} + 1 \); while considering some curtain is too heavy, extra brackets might be added at both ends of track.
TECHNICAL SUPPORT
FOR TRACK INSTALLATION

CURVED TRACK INSTALLATION METHOD

- Minimum installing size of 90 curved track (use curved-track machine, automatic forming, fine appearance)

Single track

Double track

CURVED TRACK CONNECTING DEVICE INSTALLING METHOD

- Connecting device for 90 Deg curved track (use special connecting device; easy and simple installation)

- Connecting device for 135 Deg curved track (use special connecting device; easy and simple installation)
PRODUCTS

AC TUBULAR MOTOR
Indoor motorized sun-shading system with novel design and pretty color is mainly used for window & door in both low-storey and multi-storey buildings. In summer, it can not only block the strong sunshine, but also make strong sunshine into stray light to the room, so that indoor light is not dazzling which extending the life from indoor to outdoor that creates new living space. Fox Domotics indoor motorized sun-shading system can completely block ultraviolet ray radiation and reduce the temperature, then reduce the load of air-conditioner.

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motorized Roller Blinds</td>
<td>14-15</td>
</tr>
<tr>
<td>Motorized Aluminium Venetian Blinds</td>
<td>16-19</td>
</tr>
<tr>
<td>Motorized Wooden Venetian Blinds</td>
<td>20-21</td>
</tr>
<tr>
<td>Motorized Hollow Aluminium Venetian Blinds</td>
<td>22-23</td>
</tr>
<tr>
<td>Motorized Honeycomb Blinds &amp; Pleated Blinds</td>
<td>24-27</td>
</tr>
<tr>
<td>Motorized Muslin Blinds</td>
<td>28-29</td>
</tr>
<tr>
<td>Motorized Roman Blinds</td>
<td>30-31</td>
</tr>
<tr>
<td>Motorized Vertical Blinds</td>
<td>32-35</td>
</tr>
<tr>
<td>Motorized Ceiling Curtain</td>
<td>36-39</td>
</tr>
<tr>
<td>AC Ceiling Curtain Drive</td>
<td>40-40</td>
</tr>
<tr>
<td>Control Systems</td>
<td>41-42</td>
</tr>
</tbody>
</table>
**MOTORIZED ROLLER BLINDS**

**FOX Domotics Indoor Motorized Sun-Shading System**

Motorized roller blinds use tubular motor as driving force. Only by switching on the power, it is easy to operate and runs quietly and steadily. It is an upgraded product for manual roller blinds. The motor is mounted directly in the aluminum driving tube, which reduces curtain case volume, avoids outside influence on motor and increases the reliability of structure. Motorized roller blinds have multi-functions of anti-ultraviolet, green-energy, landscaping, interior-space saving, etc. By Fox remote control system, variety of intelligent control could be released to meet user’s requirement of high quality. It suits for various office sites and apartment buildings.

Interior roller blinds are mainly used in public buildings like offices, convention centers, etc. as well as hotel and apartment. For its novelty and diversity of fabric options, designer combines it with other interior decor skillfully, which enables its increasing use in five-star hotel rooms, villas high-level apartment bedrooms and so on.

**GENERAL SOLUTIONS**

<table>
<thead>
<tr>
<th></th>
<th>Outer-layer translucent roller blinds</th>
<th>Inner-layer light-adjust aluminum Venetian Blinds</th>
<th>Outer-layer shading roller blinds</th>
<th>Inner-layer light-adjust wooden venetian blinds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Outer-layer translucent roller blinds</td>
<td>Inner layer shading curtain</td>
<td>Outer-layer shading roller blinds</td>
<td>Inner-layer light-adjust Honeycomb venetian blinds</td>
</tr>
<tr>
<td>2</td>
<td>Outer-layer translucent roller blinds</td>
<td>Inner layer translucent curtain</td>
<td>Outer-layer shading roller blinds</td>
<td>Inner-layer light-adjust Vertical blinds</td>
</tr>
<tr>
<td>3</td>
<td>Outer-layer shading roller blinds</td>
<td>Inner layer translucent curtain</td>
<td>Outer-layer shading roller blinds</td>
<td>Inner-layer light-adjust Vertical blinds</td>
</tr>
</tbody>
</table>
SOLUTION FOR MOTORIZED ROLLER BLINDS

### SOLUTION FOR MOTORIZED ROLLER BLINDS

#### OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiet Type</td>
<td>FDT45QR, FDT45QS</td>
<td>3 N.m - 10 N.m</td>
<td>Quiet design, noise is less than 30db</td>
</tr>
<tr>
<td>Standard Type</td>
<td>FDT-35S, FDT-45S</td>
<td>0.3 N.m - 50 N.m</td>
<td>Mechanic limit, precise positioning, supply solutions for super shot motors.</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-35R, FDT-45R</td>
<td>3 N.m - 50 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>
Indoor motorized venetian blinds use aluminum alloy slat to adjust and guide the light by the ropewinder system to drive the blinds up and down. Indoor Venetian blinds install indoor or between double-layer glass. It’s easy to be cleaned, maintained and installed, so it has long using life. Comparing with the outdoor venetian blinds, the cost of construction is lower, meanwhile, it has no influence on the building structure. Indoor motorized venetian blinds is widely used in office building hotel, reading room, meeting room partition wall, bathroom and washroom partition wall, etc. Indoor motorized venetian blinds can be used separately and also can be used with other window products.

**Aluminum alloy venetian blinds:** the main choosing reasons are color, hole opening and coated fabric’s heat emission effect, the main function appeals are light adjusting, sun-shading and heat insulation. The width of the slat is 25mm and 35mm, the maximum width will not exceed 50mm.

In recent years, with more and more motorized venetian blinds are widely used in the starred hotel, 5A office building and other high-end places, the system’s demand to the noise is higher and higher, Fox Domotics quiet motor has special quiet device which can meet mute effect requirement.

### GENERAL SOLUTIONS

<table>
<thead>
<tr>
<th></th>
<th>Outer-layer light-adjust aluminum Venetian Blinds</th>
<th>Outer-layer translucent roller blinds</th>
<th>Outer-layer light-adjust aluminum Venetian Blinds</th>
<th>Inner layer translucent curtain</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>+</td>
<td></td>
<td>Outer-layer light-adjust aluminum Venetian Blinds</td>
<td>Inner layer translucent curtain</td>
</tr>
<tr>
<td>2</td>
<td>Outer-layer light-adjust aluminum Venetian Blinds</td>
<td>+ Inner layer Shading Roller Blinds</td>
<td>Outer-layer light-adjust aluminum Venetian Blinds</td>
<td>Inner layer shading curtain</td>
</tr>
</tbody>
</table>

### THE SHORTEST DIMENSION OF VENETIAN BLINDS

- Single-shaft output built-in electronic limit motor + ropewinder + ropewinder = 370mm
- Single-shaft output motor + ropewinder + ropewinder + electronic limitator = 500mm
- Single-shaft output motor + ropewinder + mechanic limitator + ropewinder = 500mm
- Ropewinder + double-shaft output built-in electronic limit motor + ropewinder = 460mm
- Ropewinder + double-shaft output motor + ropewinder + electronic limitator = 590mm
- Ropewinder + double-shaft output motor + mechanic limitator + ropewinder = 590mm
SOLUTION FOR MOTORIZED ALUMINUM VENETIAN BLINDS

MOTORIZED ALUMINUM VENETIAN BLINDS SOLUTION

OPTIMAL MOTOR OPTIONS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
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</thead>
<tbody>
<tr>
<td>Quiet Type</td>
<td>FDT45QR, FDT45QS</td>
<td>3 N.m - 10 N.m</td>
<td>Quiet design, noise is less than 30db</td>
</tr>
<tr>
<td>Standard Type</td>
<td>FDT-35S, FDT-45S</td>
<td>0.3 N.m - 50 N.m</td>
<td>Mechanic limit, precise positioning, supply solutions for super shot motors.</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-35R, FDT-45R</td>
<td>3 N.m - 50 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>
SOLUTION FOR MOTORIZED ALUMINUM VENETIAN BLINDS

MOTORIZED ALUMINUM VENETIAN BLINDS SOLUTION2

ALL FOX DOMOTICS DV.24 SERIES VENETIAN BLINDS DRIVE HAVE CONVENTIONAL TYPE AND QUIET TYPE.

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Type</td>
<td>FD24DS</td>
<td>0.7 N.m</td>
<td>DC motor + mechanic limit + single-shaft output</td>
</tr>
<tr>
<td></td>
<td>FD24DH</td>
<td>1.2 N.m</td>
<td>DC motor + mechanic limit + double-shaft output</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FD24DR</td>
<td>0.7 N.m</td>
<td>DC motor + electronic limit + built in receiver + single-shaft output</td>
</tr>
<tr>
<td></td>
<td>FD24DW</td>
<td>1.2 N.m</td>
<td>DC motor + electronic limit + built in receiver + double-shaft output</td>
</tr>
</tbody>
</table>
OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic Built-in Receiver Type</td>
<td>FDV50DE</td>
<td>1N.m</td>
<td>- Battery drive, no need extra wiring</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Battery pole is removable, easy to change battery</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Fox Domotics built in wireless technology is easy to be installed and adjust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Can improved into motorized system based on current manual system, manual lift, motorized light-adjust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Maximum load is 1.5 KG</td>
</tr>
</tbody>
</table>
Indoor motorized wooden venetian blinds is widely used in office building, hotel, reading room, partition wall, bathroom and washroom partition wall, etc.

Indoor wooden venetian blinds: the main choosing reasons are color, the main function appeals are lighting adjust and interior decoration; it's mainly used in hotel room and residence; the width of the slat is 50mm and 35mm

MOTORIZED WOODEN VENETIAN BLINDS SOLUTION 1

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
</table>
| Built-in Receiver Type   | FDV 50E  | 3 N.m - 1.5 N.m | ▸ Battery drive, no need extra wiring  
 ▸ Battery pole is removable, easy to change battery  
 ▸ Fox Domotics built in wireless technology is easy to be installed and adjusted.  
 ▸ Can improved into motorized system based on current manual system, manual lift, motorized light-adjust  
 ▸ Maximum load is 15 KG |
SOLUTION FOR WOODEN VENETIAN BLINDS

MOTORIZED WOODEN VENETIAN BLINDS SOLUTION 2

DRIVER ADAPTER FDL44
TUBULAR MOTOR FDL35R - 6/28
MOTOR BRACKET FDL252
DRIVING TUBE FDL260
CROWN FDL36

GENERAL SOLUTIONS

<table>
<thead>
<tr>
<th></th>
<th>Outer-layer light-adjust wooden Venetian Blinds</th>
<th>Inner-layer translucent roller blinds</th>
<th></th>
<th>Outer-layer light-adjust wooden Venetian Blind:</th>
<th>Inner-layer translucent curtain</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>+</td>
<td></td>
<td>4</td>
<td>+</td>
<td></td>
</tr>
</tbody>
</table>

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiet Type</td>
<td>FDT45QR, FDT45QS</td>
<td>3 N.m - 10 N.m</td>
<td>Quiet design, noise is less than 30db</td>
</tr>
<tr>
<td>Standard Type</td>
<td>FDT-35S, FDT-45S</td>
<td>0.3 N.m - 50 N.m</td>
<td>Mechanic limit, precise positioning, supply solutions for super shot motors.</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-35R, FDT-45R</td>
<td>3 N.m - 50 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>
MOTORIZED HOLLOW VENETIAN ALUMINIUM BLINDS

Indoor hollow aluminum venetian blinds is a new energy-saving product that the slats are installed in the hollow of glass, the traditional venetian blinds and insulating glass combined into one which can save space and realize heat insulation of hollow glass and shading integrated performance. Slat of hollow aluminum ventian blinds run up and down with 180-degree flip function, closing with magnetic control devices and lifting equipment, in order to operate the venetian blinds slat. It has good sun control performance and can improve the heat insulation ability and light environment. It is widely used in energy-saving door and window.

MOTORIZED HOLLOW VENETIAN ALUMINUM BLINDS CHARACTERISTICS

- **Noise resistance**: hollow aluminum venetian blinds has unique structure, its noise performance an be put up to 32dB
- **Sun-shading**: ventian blinds which is installed the hollow can be adjusted by angle to get natural light, fully shading and other functions.
- **Environmental**: both aluminum venetian blinds slat and glass are not polluted in the process of production. And because venetian blinds slats are in the sealed hollow glass, permanently sealed to ensure slats clean and without pollution which can avoid the complicated cleaning work.
- **Energy saving**: K value (heat transfer coefficient) of hollow glass is lower than single-glazed glass, normal hollow glass K-value is 2.8w/m2.k. Single glass is 6.0w/m2.k, Venetian hollow glass is 1.8w/m2.k in the best situation. In summer, it can block sunlight and reduce the indoor temperature. In winter, it can adjust slat angle to get lighting and heating that increases the indoor temperature. No matter using air-condition or heating, it can significantly reduce the energy consumption to use Venetian hollow glass.
- **Security**: Use double-layer toughened grass which has stronger wind and outside force resistance ability. High-rise buildings and seaside building adopt hollow glass appropriatly. In addition, because venetian hollow glass replaces the traditional cloth curtain, it greatly reduced fire hazards.
SOLUTION FOR HOLLOW ALUMINUM VENETIAN BLINDS

SOLUTION FOR MOTORIZED HOLLOW ALUMINUM VENETIAN BLINDS

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiet Type</td>
<td>FDT45QR, FDT45QS</td>
<td>3 N.m - 10 N.m</td>
<td>Quiet design, noise is less than 30db</td>
</tr>
<tr>
<td>Standard Type</td>
<td>FDT-35S, FDT-45S</td>
<td>0.3 N.m - 50 N.m</td>
<td>Mechanic limit, precise positioning, supply solutions for super shot motors.</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-35R, FDT-45R</td>
<td>3 N.m - 50 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>

Fox Domotics all FD series motors has ordinary type and quite type which can supply driving and control solutions for different windows.
Motorized honeycomb blinds as an interior decorative blinds that are more and more popular in hotels and high-end residential, it has the following characteristics:

- Thermal insulation, honeycomb holes in the fabric can form the air solid layer to bring the extraordinary thermal insulation coefficient.
- Noise isolation, honeycomb holes can play the role of good noise isolation, which can create a quite comfortable home environment.
- Block ultraviolet rays, blocking 99% of ultraviolet rays, effective protect furniture.
- Style diversification, curtain fabric have translucent, semi-translucents in color, material and printing.
- Easy maintenance, anti-fouling treatment to the fabric only need to wipe it with a hand-held vacuum cleaner or a wet cloth.

According to the higher quiet demand of indoor window decorations, honeycomb blinds mostly use quiet motor as the key drive force. Fox Domotics quiet motors are widely applied to high-end hotels and residential.
OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
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<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiet Type</td>
<td>FDT45QR, FDT45QS</td>
<td>3 N.m - 10 N.m</td>
<td>Quiet design, noise is less than 30db</td>
</tr>
<tr>
<td>Standard Type</td>
<td>FDT-35S, FDT-45S</td>
<td>0.3 N.m - 50 N.m</td>
<td>Mechanic limit, precise positioning, supply solutions for super shot motors.</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-35R, FDT-45R</td>
<td>3 N.m - 50 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>
SOLUTION FOR HONEYCOMB BLINDS & PLEATED BLINDS

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard type</td>
<td>FDV24DS</td>
<td>0.7 N.m</td>
<td>DC motor + mechanic limit + single</td>
</tr>
<tr>
<td></td>
<td>FDV24DH</td>
<td>1.2 N.m</td>
<td>DC motor + mechanic limit + double</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDV24DR</td>
<td>0.7 N.m</td>
<td>DC motor + mechanic limit + built-in receiver + single shaft output</td>
</tr>
<tr>
<td></td>
<td>FDV24DW</td>
<td>1.2 N.m</td>
<td>DC motor + mechanic limit + built-in receiver + double shaft output</td>
</tr>
</tbody>
</table>
SOLUTION FOR HONEYCOMB BLINDS & PLEATED BLINDS

MOTORIZED HONEYCOMB BLINDS & PLEATED BLINDS
SOLUTION 3

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>MODEL</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Built in receiver type</td>
<td>FDV32CE</td>
<td>0.34 N.m</td>
<td>▶ Battery drive, no need extra wiring</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▶ Battery pole is removable, easy to change battery</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▶ Fox Domotics built-in wireless technology is easy to be installed and adjusted</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▶ Can improve into motorized system based on current manual system, manual lift, motorized light-adjust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>▶ Maximum load is 1.5kG</td>
</tr>
</tbody>
</table>
Motorized Muslin Blinds is also known as Shangri-La blinds, which is an expanded product of motorized roller blinds and mostly be used in hotel-end residential bedroom, office windows and other places. The fabric of motorized Muslin Blinds has two kinds which are translucent and sun-shading. Material is 100% polyester fiber cloth, closed that provides a translucent effect. Curtain cloth is usually treated by a special anti-static, dust, dirt and mildew treatment and can effectively resist dust in the air, moisture, splashing objects, or fingerprints and have strong dirty resistance performance.

Fox Domotics motor can set the middle limit. You can set the middle position as the status of releasing blinds. But blinds in a vertical shading status. Once press switch button, no matter where the Muslin blinds in that can achieve shading state automatically.

**GENERAL SOLUTIONS**

1. Outer-layer light-adjust muslin Blinds + Inner-layer translucent roller blinds
2. Outer-layer light-adjust muslin Blinds + Inner layer translucent curtain
SOLUTIONS FOR MOTORIZED MUSLIN BLINDS

OPTIONAL MOTORS

<table>
<thead>
<tr>
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<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiet Type</td>
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<td>3 N.m - 10 N.m</td>
<td>Quiet design, noise is less than 30db</td>
</tr>
<tr>
<td>Standard Type</td>
<td>FDT-35S, FDT-45S</td>
<td>0.3 N.m - 50 N.m</td>
<td>Mechanic limit, precise positioning, supply solutions for super shot motors.</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-35R, FDT-45R</td>
<td>3 N.m - 50 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>
Motorized Roman blinds is a pulling cloth curtain. Roman blinds is simpler comparing with traditional flat open blinds which gets greater sense of interior space. Comparing with the pull-blinds, pleats make the window more sense of beauty. Roman blinds fabric has widely selection range. Roman blinds can be made by general fabric texture. There are two kinds: translucent and shading fabrics.

**MOTORIZED ROMAN BLINDS FUNCTION CHARACTERISTICS**

The surface of motorized roman blinds is simple, smooth, natural and fresh with the sun, heat, and dust ventilation, comfort, cool, and others advantages. Hanging in the room, creating harmony and simplicity sense which make us feel comfortable. It is the best choice in the summer for home and restaurant.

**Anti-UV Roman blinds:** nowadays, as people’s health awareness strengthen, the sun’s ultraviolet radiation is the main reason for damaging the floor, carpet, furniture, curtains, artwork. It causes skin cancer if under the sun a long time. That anti-UV spinning Roman blinds can easily become a new favorite for home decoration.

**Roman blinds thermal insulation:** Insulation Roman blinds, besides decorative functions, the material of blinds, function and comfort is linked with our health and daily life.

Widely use ranges, its noraml used in home, hotel, coffee shop, villas, banquet hall and other heigh-end entertainment sites.

**GENERAL SOLUTIONS**

<table>
<thead>
<tr>
<th>1</th>
<th>Outer-layer light-adjust Roman Blinds + Inner-layer translucent roller blinds</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Outer-layer light-adjust Roman Blinds + Inner layer translucent curtain</td>
</tr>
</tbody>
</table>
SOLUTIONS FOR MOTORIZED ROMAN BLINDS

MOTORIZED ROMAN BLINDS
SOLUTION 1: ROLLING SHAFT

MOTORIZED ROMAN BLINDS
SOLUTION 2: UPPER GROOVE

OPTIONAL MOTORS

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<td>Quiet design, noise is less than 30db</td>
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<tr>
<td>Standard Type</td>
<td>FDT-35S, FDT-45S</td>
<td>0.3 N.m - 50 N.m</td>
<td>Mechanic limit, precise positioning, supply solutions for super shot motors.</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-35R, FDT-45R</td>
<td>3 N.m - 50 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>
A fabulous window furnishing idea for the period or federation home, these traditional scalloped blinds have a voluptuous and decorative look – a true feature for a room. Gathered in style, they create a beautiful, luxurious blind – perfect for adding fringing too.

Add richness and appeal to your décor with this traditional finish.

Austrian blinds are a classic style of window covering combining the fullness and drape of a curtain with the practicality of a blind. The pull cord in an Austrian Blind raises the blind, giving a billowing effect, while beautiful wide pleats are visible when the blind has been lowered.

Austrian blinds are distinguished by their subtle elegance among other curtains. They provide exquisite luxury and splendor for home. They are ideal for living rooms and banqueting halls. We recommend Austrian blinds for all persons, who respect exceptional beauty.

Austrian Blinds are generally made up in lightweight curtain fabrics, they will hang better and exclude more light if they are lined. They can be hung inside or outside the window recess. If they are hung outside the recess they can be frilled at the side and bottom edges. However, if they are hung inside the recess, they look better if a frill is added to the bottom edge only.

Press and drape heading tape is attached to the top edge so that the blind can be hung from a blind track or a wooden batten. Grip tape will be needed if a wooden batten is used.

GENERAL SOLUTIONS

1. Outer-layer light-adjust Austrian Blinds + Inner-layer translucent roller blinds
2. Outer-layer light-adjust Roman Blinds + Inner layer translucent curtain
SOLUTIONS FOR MOTORIZED AUSTRIAN BLINDS

MOTORIZED AUSTRIAN BLINDS

SOLUTION 1: ROLLING SHAFT

- Tubular Motor FD35R - 6/28
- Drive Adapter FDL01
- Idler Bracket FDZ318A
- Driving Tube DG02
- Wooden Venetian Blinds Fabric

SOLUTION 2: UPPER GROOVE

- Tubular Motor FDM35R - 6/28
- Drive Adapter FDL44
- Idler FDW13
- Motor Bracket FDZ32
- Driving Tube FDO5
- Crown FDH36
- Rope Winder FDZ50, FDZ51
- Outer Casing
- Wall Bracket FDZ148

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
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<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiet Type</td>
<td>FDT45QR, FDT45QS</td>
<td>3 N.m - 10 N.m</td>
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</tr>
<tr>
<td>Standard Type</td>
<td>FDT-35S, FDT-45S</td>
<td>0.3 N.m - 50 N.m</td>
<td>Mechanic limit, precise positioning, supply solutions for super shot motors.</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-35R, FDT-45R</td>
<td>3 N.m - 50 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>

www.FoxDomotics.com
MOTORIZED CEILING CURTAIN

Indoor ceiling curtain is assembled by motor, driven device, supporting components and blinds. The angle between fabric and level is less than 75 degrees that use for shading device of transparent roof in horizontal, inclined, curved position. Ceiling curtain is divided into rolling shaft ceiling curtain, folding ceiling curtain, pleated ceiling curtain, louvered ceiling curtain. Rolling shaft ceiling curtain is divided into FTS and FSS.

**Product Functions:**
Sun-shading, anti-dizzy, prevent interior temperature effects and reduce energy consumption.

**Applicable Places:**
Glass ceiling, sun room and others.
SOLUTION FOR MOTORIZED CEILING CURTAIN

MOTORIZED CEILING CURTAIN SOLUTION

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
</table>
| Standard Type    | FDV55S | 2X1 N.m, 2X3 N.m, 2X4.5 N.m, 2X9.5 N.m | ▶ Mechanic Limit Switch  
|                  | FDV55SA|                        | ▶ Can be used together with Sun sensor            |

OUTPUT SHAFT JOINT
FDS213-02

DRIVING TUBE
FDS118-02

VENETIAN BLINDS DRIVE
FDV55S-2X1/117

CONNECTING SHAFT JOINT
DFDS110-02

GUIDING TRACK

UP AND DOWN COVER

TRACK BRACKET

LIFT ARM

FABRIC

UP AND DOWN COVER

FDS213-02

FDV55S

FDV55SA
SOLUTION FOR MOTORIZED CEILING CURTAIN

MOTORIZED CEILING CURTAIN SOLUTION 2

Double-motor drive folding ceiling curtain

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Ceiling Curtain Motor</td>
<td>FDT02EZ</td>
<td>0.8 N.m - 1.2 N.m</td>
<td>• Mechanic Limit Switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Can be used together with Sun sensor</td>
</tr>
</tbody>
</table>

MOTORIZED CEILING CURTAIN SOLUTION 3

FSS rolling shaft ceiling curtain
SOLUTION FOR MOTORIZED CEILING CURTAIN

MOTORIZED CEILING CURTAIN SOLUTION4

FCS folding ceiling curtain Two-way draw, the maximum length is 24m.

MOTORIZED CEILING CURTAIN SOLUTION5

FCS folding ceiling curtain one-way draw, the maximum length is 12m.

OPTIONAL MOTORS

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Model</th>
<th>Rated Torque</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Type</td>
<td>FDT45S, FDT45QS</td>
<td>30 N.m X 120 N.m</td>
<td>Mechanic limit, precise positioning supply solution for super shot motors</td>
</tr>
<tr>
<td>Built-in Receiver Type</td>
<td>FDT-45R, FDT-45QR</td>
<td>30 N.m X 120 N.m</td>
<td>Wireless remote control, mechanic limit</td>
</tr>
</tbody>
</table>
CONTROL SYSTEM
PRODUCTS

Handheld Wireless Emitter

FDR 305
Single-Channel Emitter

FDR 306
Five Channel Emitter

FDR 250
Single-Channel Emitter

FDR 251
Five Channel Emitter

FDR-416
Five Channel Emitter
CONTROL SYSTEM
PRODUCTS

Wall Mount Wireless Receiver

FDW 227
Single Channel Wall Mounted Receiver

FDW 228
Double Channel Wall Mounted Receiver

FDWT 320
Timer Wall Switch

FDW 318
Single Channel Wall Mounted Receiver

FDW 319
Double Channel Wall Mounted Receiver

FDW 551
Single Channel Wall Switch
Glass Finish White Color

FDW 552
Single Channel Wall Switch
Glass Finish Black Color

FDW 561
Double Channel Wall Switch
Glass Finish White Color

FDW 562
Double Channel Wall Switch
Glass Finish Black Color
Motorized roller shutter is made of movable multi-joint sheets in series connection. When motor runs, it leads the drive shaft to rotate, which realizes the going-up-and-down of the sheets. When it goes up, the sheets wind on the roller shaft; when it goes down, the sheets slide along the interior of track. By emitter, we could control up, stop and down of the roller shutter. It is also with manual release system when power off, which enables up and down of the roller shutter by hand crank under that condition. It is widely used for public places or residence, such as shop front, garage, shopping mall, hospital, factory, in enterprises, etc. Especially for places where the door opening is too big for installing ground shutter, it will enable easy and quick open! For example, it is used for garage door and fire-proof roller shutter in shopping mall.
Motorised shutter also name garage shutter. It mainly has remote control, sensor, motrised and maual types.

- Double slat thickness is 0.8 mm-1.5mm, maximum production height can reach 9-14 m. The scale of wind force can reach to 11.
- Surface Processing Treatment; electostatic powder coating, corrosion resistant, scratch resistance, easy to clean, long color durability. Surface paint processing, durable weather-resistant and sunlight, rain, it can rebound and recovery after a minor crash.
- A various installation options, including internal, external, and middle installation, the demand to space is not hight. It’ll not occupy interior space of garage doors which is easy to install, fast construct and save project time which has beautiful appearance.
- The security device: can added install infrared system and wireless remote control system device.
- Motorised roller door is driven by AC tubular motor or external motor, 220V or 120V. It can save electricity which is security, quiet, and with a thermal protection device. It can match with hand-crank or clutch that can be normally open in case of power off.
**Features**

- Supply manual button and security lock, and can match with remote control (long distance receiver, and easy operation).
- Limit switch unit enables precise adjustment of shutter in both up and down position, and safety.
- In case of absence of power, a release chain can be operated door manually.
- Stable operation, low noise, small vibration.

**Controls & Accessories**

![Control - Model No: FDSR-240](image1.png)
![Accessories FDST 360](image2.png)
![Accessories FDST 360](image3.png)
![Accessories FDST 360](image4.png)

**Detail Information**

- Double slat thickness is 0.8 mm-1.5mm, maximum production height can reach 9-14 m. The scale of wind force can reach to 11.
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- Motorised roller door is driven by AC tubular motor or external motor, 220V or 120V. It can save electricity which is security, quiet, and with a thermal protection device. It can match with hand-crank or clutch that can be normally open in case of power off.
ROLLING
Shutter Motor

FDS-300-1P
FDS-600-1P

Single Phase Ac Motor + Stable Quality +
Low Noise + Small Vibration +
Manual Limit Switch +
Heavy Duty Motor

Features

+ Supply manual button and security lock, and can match with remote control (long distance receiver, and easy operation).
+ Limit switch unit enables precise adjustment of shutter in both up and down position, and safety.
+ In case of absence of power, a release chain can be operated door manually.
+ Stable operation, low noise, small vibration.

Main Parameters And Specifications

<table>
<thead>
<tr>
<th>TYPE</th>
<th>RATED POWER</th>
<th>ADVANCING FORCE (kg.f)</th>
<th>OUT PUT TORQUE (N.m)</th>
<th>OUT PUT SPEED (r/min)</th>
<th>Maximum Raising Height(m)</th>
<th>Chain No.</th>
<th>Diameter of Shutter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-1P</td>
<td>200</td>
<td>300</td>
<td>168</td>
<td>6.5</td>
<td>6</td>
<td>088/10A</td>
<td>104</td>
</tr>
<tr>
<td>600-1P</td>
<td>300</td>
<td>600</td>
<td>412</td>
<td>6.5</td>
<td>6</td>
<td>10A</td>
<td>129</td>
</tr>
</tbody>
</table>

Controls & Accessories

- RF RECEIVER + 2 KEY CHAIN TRANSMITTER
- STEEL TYPE

Model No: FDSR-230

Accessories 300Kg/600Kg

Accessories 300Kg/600Kg
ROLLING Shutter Motor

FDS-800-1P

Single Phase Ac Mc
Low Noise + Small Manual Limit Switch Heavy Duty Motor

Features

- Supply manual button and security lock, and can match with remote control (long distance receiver, and easy operation).
- Limit switch unit enables precise adjustment of shutter in both up and down position, and safety.
- In case of absence of power, a release chain can be operated door manually.
- Stable operation, low noise, small vibration.

Main Parameters And Specifications

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<th>OUT PUT TORQUE (N.m)</th>
<th>OUT PUT SPEED (r/min)</th>
<th>Maximum Raising Height(m)</th>
<th>Chain No.</th>
<th>Diameter of Shutter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>800-1P</td>
<td>550</td>
<td>800</td>
<td>350</td>
<td>4</td>
<td>6</td>
<td>10A</td>
<td>220</td>
</tr>
</tbody>
</table>

Controls & Accessories

- Model No: FDSR-230
- Model No: FDSR-100
- Model No: FDSR-101
- Accessories 800Kg
ROLLING Shutter Motor

FDS-1000-1P

Single Phase Ac Mo
Low Noise + Small
Manual Limit Switch
Heavy Duty Motor

Features

+ Supply manual button and security lock, and can match with remote control (long distance receiver, and easy operation).
+ Limit switch unit enables precise adjustment of shutter in both up and down position, and safety.
+ In case of absence of power, a release chain can be operated door manually.
+ Stable operation, low noise, small vibration.

Main Parameters And Specifications

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<tr>
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<th>OUT PUT TOURQUE (N.m)</th>
<th>OUT PUT SPEED (r/min)</th>
<th>Maximum Raising Height(m)</th>
<th>Chain No.</th>
<th>Diameter of Shutter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000-1P</td>
<td>300</td>
<td>1000</td>
<td>350</td>
<td>4</td>
<td>9</td>
<td>12A</td>
<td>220</td>
</tr>
</tbody>
</table>

Controls & Accessories

Model No: FDSR-230
RF RECEIVER + 2 KEY CHAIN TRANSMITTER STEEL TYPE

Model No: FDSR-100
IR OPTICAL SENSOR

Model No: FDSR-101
HUMMER FOR SHUTTER MOTOR

Accessories 1000Kg

Accessories 1000Kg

Accessories 1000Kg
ROLLING
Shutter Motor

FDS-1500-3P

Single Phase Ac Motor + Stable Quality +
Low Noise + Small Vibration +
Manual Limit Switch +
Heavy Duty Motor

Features

+ Supply manual button and security lock, and can match with remote control (long distance receiver, and easy operation).
+ Limit switch unit enables precise adjustment of shutter in both up and down position, and safety.
+ In case of absence of power, a release chain can be operated door manually.
+ Stable operation, low noise, small vibration.

Main Parameters And Specifications

<table>
<thead>
<tr>
<th>TYPE</th>
<th>RATED POWER</th>
<th>ADVANCING FORCE (kg.f)</th>
<th>OUTPut TOURQUE (N.m)</th>
<th>OUTPut SPEED (r/min)</th>
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</thead>
<tbody>
<tr>
<td>1500-3P</td>
<td>800</td>
<td>1500</td>
<td>350</td>
<td>5</td>
<td>9</td>
<td>16A</td>
<td>220</td>
</tr>
</tbody>
</table>

Controls & Accessories

- Model No: FDSR-230
- Model No: FDSR-100
- Model No: FDSR-101

Accessories 1500Kg
ROLLING Shutter Motor

FDS-2000-3P

Single Phase Ac Motor + Stable Quality +
Low Noise + Small Vibration +
Manual Limit Switch +
Heavy Duty Motor

Features

+ Supply manual button and security lock, and can match with remote control (long distance receiver, and easy operation).
+ Limit switch unit enables precise adjustment of shutter in both up and down position, and safety.
+ In case of absence of power, a release chain can be operated door manually.
+ Stable operation, low noise, small vibration.

Main Parameters And Specifications

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</thead>
<tbody>
<tr>
<td>2000-3P</td>
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<td>16A</td>
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</tr>
</tbody>
</table>

Controls & Accessories

Model No: FDSR-250

Model No: FDSR-250

Accessories 2000Kg

Accessories 2000Kg

Accessories 2000Kg

Accessories 2000Kg
Fox Domotics Pvt.Ltd.
Suite 303A,
B-62, Al Maktoum Street,
Deira, Dubai,
United Arab Emirates

Head Office
Fox Domotics Private Limited,
The Crescent Business Park,
309, Near International Airport,
Telephone Exchange Lane,
Sakinaka, Andheri (E),
Mumbai 400072.

Demo Center
Shop no.5, 747 Khokhar House,
Next to RTO Chowki, S.V. Road, Khar (W),
Mumbai - 400052

Manufacturing Unit
Fox Domotics Pvt.Ltd. Gala No.115,
Jinam Industrial Estate, Dhumal Nagar,

+91-22-28500623 / +91-22-28500624

info@foxdomotics.com, sales@foxdomotics.com, support@foxdomotics.com
www.FoxDomotics.com