Joseph Allen
WINDOW INTERIORS

Operating Systems Brochure

Barberton, OH 44203

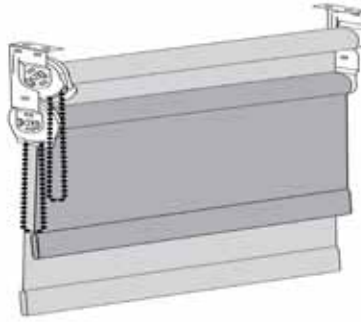P: 330.983.0220 / F: 330.294.4121

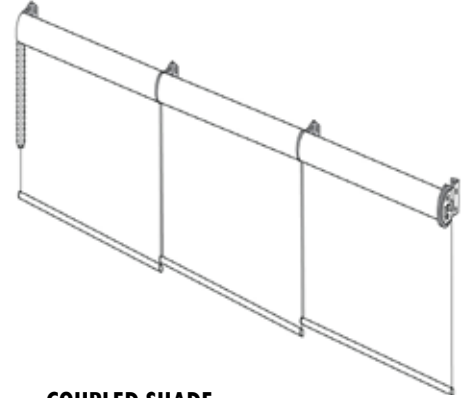# ROLLER SHADES

OPERATING SYSTEMS
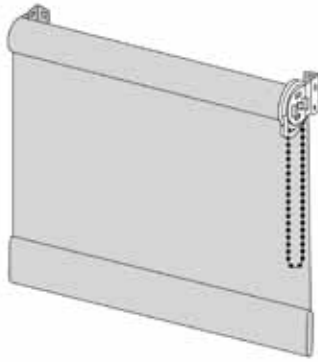
STANDARD MANUAL SHADE

A cord loop opens and closes the shade smoothly and evenly. A special clutch system keeps the shade at athe desired height. Ideal option for larger shades.

DUO-SHADE SYSTEM

An alternative to blackout channels, this system gives added privacy while maintaining a very custom look. Use a blackout vinyl fabric for the back, and a more translucent fabric for the front.

COUPLED SHADE

Easily adjusts up to three linked roller shades to exactly the same height. The extra interior support greatly reduces fabric tracking through the link. New J-Bracket simplifies installation.

somfy

AUTOMATION SPECIALIST

MOTORIZATION BY SOMFY

A continuous cord loop opens and closes the shade smoothly and evenly. A special clutch system keeps the shade at athe desired height. Ideal option for larger shades.

FEATURES & BENEFITS

- PVC-free, fully recyclable fabrics that may contribute toward LEED certfication.

- Superb light control. Fabrics ranging from translucent to complete black out.

- Coordinating hardware colors including clutches, chains, fascia and cassete options.

- Stainless steel chain upgrade available at no cost.

- 1" Aluminum internal hem bar, standard on all shades.

- Varying diameters of tubes and clutches to accommodate almost any size shade.

- Large assortment of fabrics, of which are certified for low emissions and are safe for use in schools and hospitals.

- Require very little mounting space, and are very easy to clean and maintain.

VALANCE OPTIONS
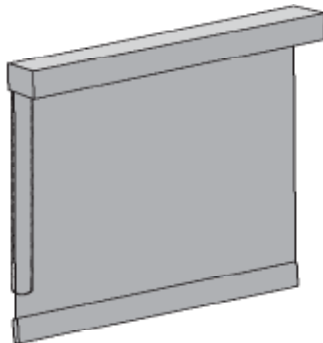
Fascia System

A fascia system made from extruded-aluminum that snap onto the mounting brackets. No exposed hardware.
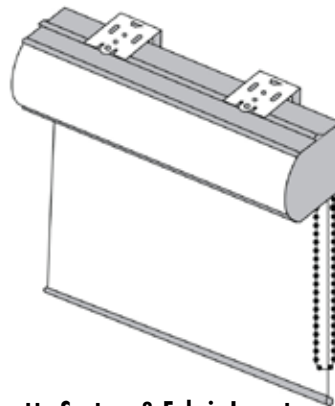
Cassette System & Fabric Insert

A sleek, curved, aluminum valance with an optional fabric insert to soften the appeal. Beautifully covers all hardware and comes in two sizes for cost efficiency..
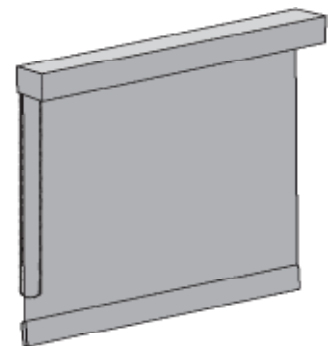
Pocket System

Ceiling pocket shades sit flush with the ceiling and are great for projection screens.. Conceal all hardware in aluminum pocket with complete bottom closure.
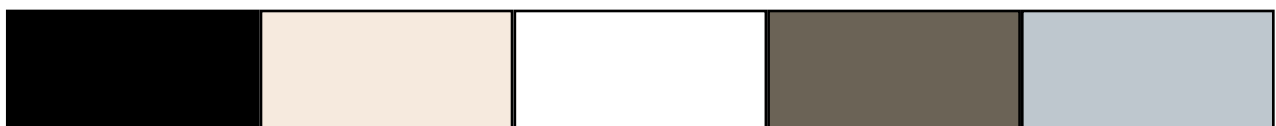
BLACK	VANILLA	WHITE	BRONZE	ANODIZED

ROLLER SHADES

CUSTOM PRINT SHADE

Send us your logo or artwork, and we will digitally print it on your shade for you. Great advertisement, with a clean and professional look.

EXTERNAL HEM BAR

Extruded aluminum external hem bar is a great way to customize your shade. Comes in four different colors.

SIDE CHANNELS

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Extruded aluminum side channels and pocket bottom enclosure. Light blocking brush in the side channels give you the complete black out experience.

NO CHARGE OPTIONS
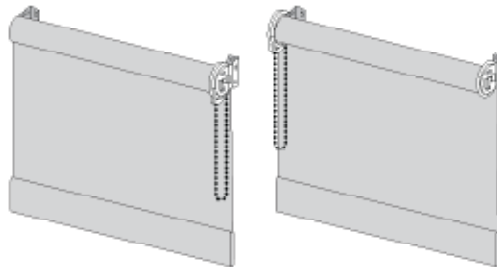
CONTROLS & CUSTOM CHAIN LENGTH

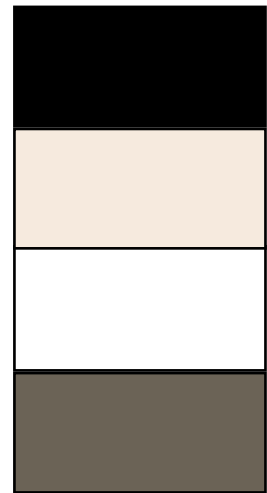Specify chain operated controls to be on the right or left side of the shade. Also, specify custom cord length. Must be specified on order.
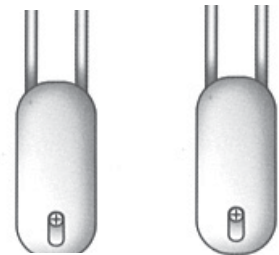
TENSION DEVICES & HOLD DOWNS

Use tension devices to eliminate dangerous dangling cords or chains. Hold downs to keep your shade from swinging.
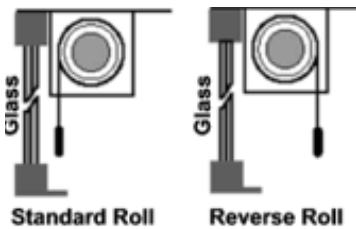
Standard Roll   **Reverse Roll**

REVERSE ROLL
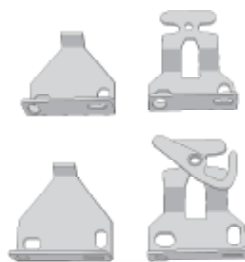
EXTENSION/HEAVY DUTY BRACKETS
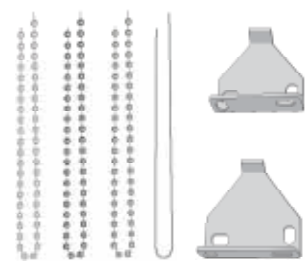
HARDWARE COLOR & CHAIN TYPE

	Standard Shade	Duo-Shade	Coupled Shade
Custom Print	x	x	x
External Hem Bar	x	x	x
Side Channels	x		?
Motorization	x	x	x
Reverse Roll	x	x	x
Extension Brackets	x		
Fascia System	x		
Cassette System	x		
Pocket System	x		

NOTE: External hem bar is not available with side channels

NOTE: Reverse roll is not available on fascia system, cassette system, or pocket system

NOTE: Extension Brackets are not available with fascia, cassette or pocket system.

NOTE: Hold downs can only be used with external hem bar.

MOTORS

All of our motors are maintenance-free and permanently lubricated. They feature overheating protection, sturdy electrical and mechanical design. Electromagnetic disk brake for a smooth and accurate stop without slippage. In the event of a power failure, your motors will still have the ability to stop.

Radio Motors (RTS)

Thew new built in radio (RTS) concept offers you significantly easier motor selection, simple installation, plug-in wire connections, and remote limit switch adjustments. RTS controls include wireless wall switches and remotes, of which can travel within a range of 90 feet in open space, and up to 65 feet through two concrete walls.

MOTOR	COST
LT30 (RTS)	
ST30 (RTS)	
ST50 (RTS)	
ALTUS 500 (RTS)	

Infrared Motors (IR)

Infrared motors are limited to 8 possible IR channels for grouping and or individual control. To control the IR motor you must point the remote at each shade motor sensor every time you want to control it. Since IR devices are line of sight devices you will need to have an IR repeater network installed to take full advantage of the grouping capabilities.

MOTOR	COST
LT30 (RTS)	
ST30 (RTS)	
ST50 (RTS)	
ALTUS 500 (RTS)	

Digital Technology Motors (IWT)

A computer, a simple touch panel, or remote control is used to control the position of shading devices and can easily be integrated with other control systems (US Crestron, Vantage, & Clipsal Systems) to control natural light, temperature and audio/video equipment. Depending on the type of command, the user can either control several motors simultaneously or launch a separate operation for each group of motors

MOTOR	COST
LT30 (RTS)	
ST30 (RTS)	
ST50 (RTS)	
ALTUS 500 (RTS)	

Wired Technology Motors (WT)

In new construction, and where few products require control, Wired Technology links the control device to the motor using electrical wires that are embedded in the wall. You can upgrade to a RTS controlled motor at any time after the purchase with a retro fitting kit.

MOTOR	COST
LT30 (RTS)	
ST30 (RTS)	
ST50 (RTS)	
ALTUS 500 (RTS)	

POWER SUPPLIES

Single 12 V Reloadable Batter Tube for 8 AA lithium batteries

The reloadable battery tube features a screw off end cap that allows for simplified battery replacement without having to purchase a new wand. 8 AA lithium batteries must be used and ca be purchased with your next order.

Dual 12 V Reloadable Battery Tube Option

The dual reloadable battery tube features two single reloadable battery tubes joined together with a cable and harness and uses a total of 16 AA lithium batteries. Dual battery tubes offer the opportunity to extend the battery life therefore reducing the frequency of battery replacement.

ROLLER SHADES

POWER SUPPLIES CONT...

DC Plug-In Power Supply

12 V DC Plug-In Power Supply
24 V DC 1.25 A Plug-In Power Supply

The 12 V for the LT30 Wireless motor and the 24 V for the ST30 motor. Eliminates the need for replacing batteries for the LT30 motor. Plugs into standard wall outlet, and blends in well with a white finish.

AC Plug-In Power Supply

110 V AC Plug-In Power Supply (Attached to Motor)

Standard 3 or 4 conductor 110 V cables. Come in varying lengths depending on your needs. Also come with plug and without plug.

DC Group Power/Control

Power/Control Distribution Enclosure Kit - 5 Motors
Power/Control Distribution Enclosure Kit - 10 Motors
Power/Control Distribution Enclosure Kit - 20 Motors

The power panel is used in low voltage applications (12 V or 24 V)

AC Group Control System

Somfy book page 71 - GCS II & RTS Rado Receiver. Call Somfy and get more info

CONTROLS

RTS Remote Controls

Telis 1 (1 Channel) Transmitter
Telis 4 (5 Channel) Transmitter

The Telis remote is capable of controlling multiple shades in multiple groups. It can travel up to 90 feet in open space, and 65 feet through two concrete walls and does not require you to directly point the remote at the shade to work.

IR Remotes

IR (1 Channel) Transmitter
IR (8 Channel) Transmitter

These IR remotes must be pointed directly at the motorized window covering to operate the motor. Great for large commercial buildings that already have a lot of radio transmissions, which would interfere with an RTS operating system.

RTS Switches

DecoFlex WireFree Wall Switch (Single Channel)
DecoFlex WireFree Wall Switch (Multi Channel)

Wireless RTS wall switches are battery operated and operate just as a wireless remote would. Requires no electrical wiring, which makes for a quick and easy installation.

In-Wall Wired Switches

Rocker Wall Switch (Single Channel)
Key Switch (Single Channel)

In wall wired switches are not able to be grouped as they come. The available switches are a rocker switch, and a key switch. The key switch is great for schools.

Timers

Chronis Comfort 24/7 WireFree Timer
Telis Impresario Chronis Comfort (Multi Channel)

Somfy Control switch with integrated radio receiver can be used to replace a wired control to upgrade the system to a radio solution.The user then benefits from radio remote control. Compatible with all Somfy RTS remote controls. .

Sensors

Sunis WireFree Sun Sensor
Eolis WireFree Wind Sensor

Sun and wind sensors take the current environmental conditions and adjust your window treatments accordingly. Greay way to reduce your energy bills.

ROLLER SHADES

MOTORIZATION COMPATIBILITY CHART

STYLES & OPTIONS

	LT30	ST30	ST50	Altus 400
Custom Print	X	X	X	X
External Hem Bar	X	X	X	X
Side Channels	X	X	X	X
Motorization	X	X	X	X
Reverse Roll	X	X	X	X
Extension Brackets	X	X	X	
Fascia System	X	X	X	X
Cassette System	X	X		
Pocket System	X	X	X	X

TECHNOLOGY

	LT30	ST30	ST50	Altus 400
RTS	x	x	x	x
IR	x			
WT		x	x	x
IWT		x	x	

POWER SUPPLIES

	LT30	ST30	ST50	Altus 400
Reloadable Battery Tubes	x			
DC Plug-In Power Supply	x	x		
AC Plug-In Power Supply			x	x
DC Group/Power Control	x	x		
AC Group/Power Control			x	x

CONTROLS

	RTS	IWT	WT	IR
RTS Remotes	x			
IR Remotes				x
RTS Switches	x			
In Wall Wired Switches			x	
Sensors	x			
Timers	x			

ROLLER SHADES

FABRIC	OPENESS	WEIGHT (oz. yd2)	MAX. WIDTH (NO RR)	RR	MAX LENGTH W/ NO SEAM (IF RR)	GREENGUARD CERTIFIED	FR	CLUTCH & TUBE CHART	PRICE CHART
3000 CA	3	11.4	118"	Y	106"	Y	Y	D	7
3000 D	5	11.8	98"	Y	86"	Y	Y	D	3
3000 HT	3	12.24	98"	Y	86"	Y	Y	E	4
3000 NET	5	12.39	118"	Y	106"	Y	Y	E	4
3000 RR	3	12.54	98"	Y	86"	Y	Y	E	4
3100 NET	10	11.36	118"	Y	106"	Y	Y	D	3
3300 NET	3	13.13	118"	Y	106"	Y	Y	E	2
3500 HT	5	11.65	98"	Y	86"	Y	Y	D	3
4000 L	5	15.71	98"	Y	86"	Y	Y	H	5
4000 NET	5	15.34	98"	Y	86"	Y	Y	H	5
4000 W	3	15.64	98"	Y	86"	Y	Y	H	5
4100 NET	10	13.87	98"	Y	86"	Y	Y	F	2
4300 NET	3	16.08	98"	Y	86"	Y	Y	H	5
4700 P	1	18.59	98"	Y	86"	Y	Y	K	11
4700 Q	1	18.67	98"	Y	86"	Y	Y	K	11
A Screen	14	10.4	98"	Y	86"	Y	Y	C	6
E Screen 7501	1	13.3	98"	Y	86"	Y	Y	F	19
E Screen 7503	3	12.3	98"	Y	86"	Y	Y	E	13
E Screen 7505	5	12.1	98"	Y	86"	Y	Y	D	9
E Screen 7510	10	10.3	98"	Y	86"	Y	Y	C	6
M Screen 8503	3	12.7	98"	Y	86"	Y	Y	E	16
M Screen 8505	5	12.1	98"	Y	86"	Y	Y	D	13
M Screen Deco	5	11.3	98"	N	86"	Y	Y	D	13
Natte	10	13.9	98"	Y	86"	Y	Y	F	22
R Screen	5	9.6	98"	Y	86"	Y	Y	B	6
Satine	5	15.8	98"	N	86"	Y	Y	H	20
Sheerweave 1000	25	8.8	84"	N	72"	N	Y	A	1
Sheerweave 2000	5	14.26	98"	Y	84"	Y	Y	G	12
Sheerweave 2100	10	12.4	96"	Y	84'	Y	Y	E	9
Sheerweave 2360	10	10.5	98"	Y	86"	Y	Y	C	7
Sheerweave 2390	5	11.9	98"	Y	86"	Y	Y	D	9
Sheerweave 2410	3	13.9	98"	Y	86"	Y	Y	F	14
Sheerweave 3000	14	13.46	96"	N	84	N	Y	F	4
Sheerweave 4000	5	19.2	98"	N	86"	Y	Y	L	11
Sheerweave 4100	10	17.5	98"	N	86"	Y	Y	J	8
Sheerweave 4400	3	20.7	98"	N	86"	Y	Y	M	15
Sheerweave 4500	5	14.4	98"	Y	86"	Y	Y	G	12
Sheerweave 4650	3	13.3	98"	Y	86"	Y	Y	F	14
Sheerweave 4800	1	18.5	96"	N	84'	Y	Y	K	17
Sheerweave 5000	5-10	13.6	98"	N	86"	N	Y	F	14
Sheerweave 7000	0	12	94"	Y	82"	Y	N	D	21
Sheerweave 7100	0	19.8	72"	Y	60"	N	Y	L	18
T Screen	1	11.6	98"	N	86"	Y	Y	D	13
Vienne	10	10.4	98"	Y	86"	Y	Y	C	6
VIEW	15	13.42	98"	RY	86"	Y	FR	F	2
VIEW SS	3	13.13	98"	Y	86"	Y	Y	E	4

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WINDOW INTERIORS