



## O-BOX®

O-Box® presents a cylindrical aluminium box system that will add style and elegance to your space. Its stainless steel components are very resistant to weather which makes it ideal for outdoor installations. It also includes brackets to attach the box system to the ceiling or wall, being able to adapt to any installation needed.



### AVAILABLE COMPONENT COLORS



Black



Metallic grey



Stainless steel grata



White

### OPERATING SYSTEM



Chain



Crank



Motor

#### MAXIMUM WIDTH

212" x 39"

#### MAXIMUM HEIGHT

78" x **236"** (indoor installation)

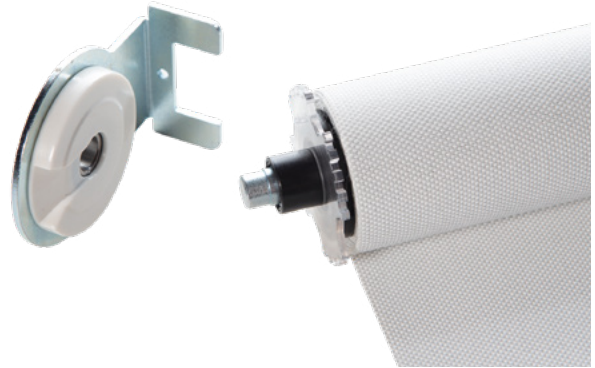
181" x **157"** (outdoor installation)

🔧 Check 'Fabric Limits' in ProArea.

# BOX SYSTEMS - O-BOX®

## Strong and simple mounting

Bandalux has developed stronger idle ends to deliver benchmark endurance and reliability. It contains a solid system with high quality bearings that provides a perfect, smooth and silent (motion) rotation. It can be easily set up by a simple one hand move thanks to its components design.



## Smoother and silent motorization

All Bandalux motorization products include a brand new, hybrid technology driving wheel specifically designed by us to minimize noise and vibration.



## Level by level installation

Two or more O-Box® can be installed at different heights with only one support and a stainless steel rod.



## Easy maintenance access

The fabric roll can be accessed without the need of uninstalling the system, making maintenance easy.



## Stainless steel components

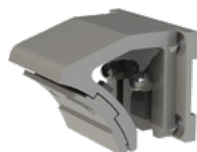
The rods, tensioners and cable are made of stainless steel to ensure long-lasting outdoor appliance.



## Smart brackets

The two-piece bracket has been designed to ensure an easy shade installation. The brackets allow you to select the optimal installation position.

Wall short bracket



Wall long bracket



Ceiling bracket



## Multiple guide and special options

Specially designed pieces for each type of side guide.

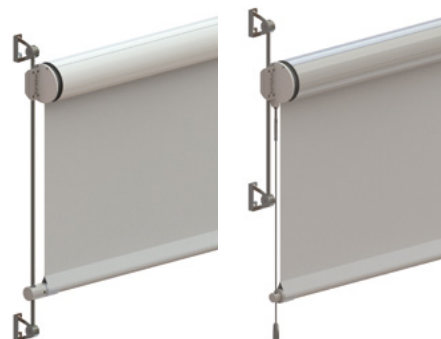
Rod guide



Cable guide



Special fixing configurations



## Safety protection for children

In compliance with the updated child safety standard (ANSI/WCMA A100.1-2022), Bandalux supplies an improved Chain/Cord Tension Device by default.

This device is designed to eliminate free hanging cords and connectors in order to be fully tensioned and fixed to the wall with the aim of preventing children from getting entangled in it.

### Features of the new Child Safety Device:

- Easy device assembly.
- Quick installation.
- Smooth and reliable performance.



# BOX SYSTEMS - O-BOX® 4

## OPTIONS

### Standard configuration

#### Colors



❗ By default, Bandalux will provide the O-Box® 4 in white unless a different color is indicated on the order form or eBa.

#### Chain operated



#### ø1<sup>3</sup>/<sub>16</sub>" Round fabric wrap bottom hembar



❗ Fabrics not compatible with hidden bottom hembars will be served with Slim 35 bottom hembar.

#### Chain Tension Device

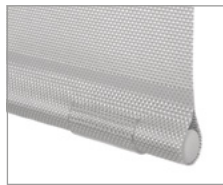


### Optional configuration

#### BOTTOM HEMBARS



##### Slim 35

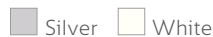


##### ø1<sup>3</sup>/<sub>16</sub>" Round fabric wrap

❗ Only available for Polyscreen® and blackout fabrics except for: Polyscreen® 314/473/473 Metal/475/Silken; Bimini BO; South Beach BO.



#### Metallic chain



#### Fabric customization

❗ Only available for indoor installation.

### Reduced effort for chain-operated systems



#### Redux® system

Bandalux recommends REDUX® SYSTEM: Chain clutch mechanism that **reduces up to 35% of the shade's weight.**

❗ Redux® systems do not include a limit stop (endless chain). / The chain route length is three times the shade height.



#### Spring assist

**Recommended for shades larger than 6 sq yds:**

142" x 157" shade example:

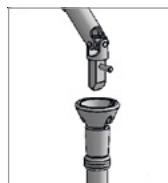
- Effort without spring assist = 10.6 lbs
- Effort without spring assist = 4.9 lbs

### Operating system options

#### CRANK



#### Fixed



#### Removable

### Operating system options

#### MOTOR

MOTOR <sup>(1)</sup>				ACCESSORIES					
				Single channel remote control	Multi channel remote control	Wirefree wall switch	Charger for battery motors	Battery motor cable extender	Wifi RTS interface
RADIO	Somfy® RTS	SONESSE 40 4/36	120Vac	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	Tahoma Ref. 06700660U
		SONESSE 50 6/32	120Vac						
		ULTRA QUIET 50 6/24	120Vac						
	Vertilux	QUIET 40 6/33	120Vac	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	--	--	VTi Smart Hub Ref. 12132001
		ULTRA QUIET 50 6/28	120Vac						
LOW VOLTAGE RECHARGEABLE BATTERY <sup>(2)</sup>	Somfy® RTS	SONESSE 40 RECHARGEABLE 3/28 WF	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	Charger Ref. 05499582	Cable ext. 96" Ref. 05499583	Tahoma Ref. 06700660U
		LI-ION 40 3.0 Not quiet	12Vdc						
	Rollease Automate	LI-ION 50 3.0	12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
		LI-ION 50 10.0	12Vdc						
	Bandalux <sup>(3)</sup>	RECHARGEABLE BI 40 3/28	12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
		RECHARGEABLE BI 50 3/28	12Vdc						
		RECHARGEABLE BI 50 10/9	12Vdc						
	Vertilux	RECHARGEABLE 40 6/18	12Vdc	1 CH Ref. 18510110B	6CH Ref. 18510120B	Radio 6 CH Ref. 18500150	Charger Ref. 05499942	--	VTi Smart Hub Ref. 12132001

<sup>(1)</sup> To guarantee a proper functionality Bandalux will provide the appropriate motor model according to the shade size. / Price for rechargeable battery motors includes 1 charger and 1 cable extender per order. / Motor only compatible for indoor installation. / **Please refer to your sales representative for Bandalux motor delivery deadlines.**

### Cable guides

#### CABLE GUIDES (indoor/outdoor)

##### ø3/16" Stainless cable guide

Wall fixing



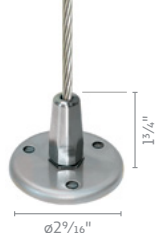
Ceiling/Floor **TS**  
Ceiling/Wall **TP**  
Wall/Floor **PS**  
Wall/Wall **PP**

Floor fixing



##### ø3/16" Stainless reinforced cable guide

Floor fixing

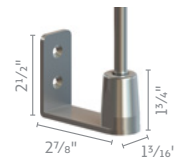


<sup>(1)</sup> This part does not allow to install the shade tight to the wall or columns. O-Box® 5 shades must be ordered 1" narrower.

Ceiling/Floor **BTS**  
Wall/Floor **BPS**

#### ROD GUIDES (indoor/outdoor)

Wall fixing



Floor fixing



##### ø3/8" Stainless rod guide

Ceiling/Floor **VTS**  
Ceiling/Wall **VTP**  
Wall/Floor **VPS**  
Wall/Wall **VPP**

<sup>(1)</sup> Max. height: 1181/8".

### Additional brackets

#### Wall short bracket



#### Wall long bracket



#### Ceiling bracket

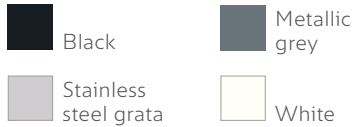


# BOX SYSTEMS - O-BOX® 5

## OPTIONS

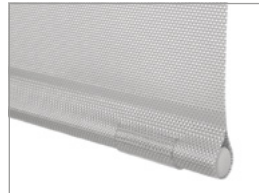
### Standard configuration

#### Colors



❶ By default, Bandalux will provide the O-Box® 5 in white unless a different color is indicated on the order form or eBa.

#### ø1 3/16" Round fabric wrap bottom hembar



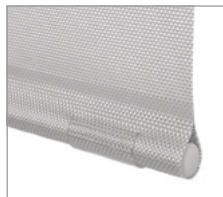
❶ Fabrics not compatible with hidden bottom hembars will be served with Slim 35 bottom hembar.

### Optional configuration

#### Slim 35 bottom hembar



#### ø1 9/16" Round fabric wrap bottom hembar



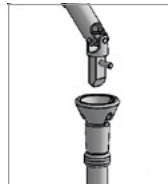
❶ Only available for Polyscreen® and blackout fabrics except for: Polyscreen® 314/473/473 Metal/475/Silken; Bimini BO; South Beach BO.

### Operating system options

#### CRANK



Fixed



Removable

#### MOTOR

MOTOR <sup>(1)</sup>				ACCESSORIES					
				Single channel remote control	Multi channel remote control	Wirefree wall switch	Charger for battery motors	Battery motor cable extender	Wifi RTS interface
RADIO	Somfy® RTS	SONESSE 50 6/32 <sup>(4)</sup>	120Vac	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	Tahoma Ref. 06700660U
		SONESSE 50 10/32 <sup>(4)</sup>	120Vac						
		ULTRA QUIET 50 6/24	120Vac						
		Vertilux	ULTRA QUIET 50 6/28	120Vac	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	--	--
LOW VOLTAGE RECHARGEABLE BATTERY <sup>(2)</sup>	Rollease Automate	LI-ION 50 3.0	12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
		LI-ION 50 10.0	12Vdc						
	Bandalux <sup>(3)</sup>	RECHARGEABLE BI 50 3/28	12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
		RECHARGEABLE BI 50 10/9	12Vdc						

❶ To guarantee a proper functionality Bandalux will provide the appropriate motor model according to the shade size. / Price for rechargeable battery motors includes 1 charger and 1 cable extender per order. / Motor only compatible for indoor installation. / Please refer to your sales representative for Bandalux motor delivery deadlines.



### Cable guides

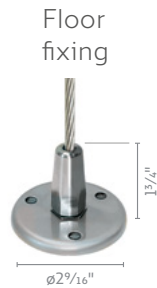
#### CABLE GUIDES (indoor/outdoor)

##### ø3/16" Stainless cable guide



Ceiling/Floor	TS
Ceiling/Wall	TP
Wall/Floor	PS
Wall/Wall	PP

##### ø3/16" Stainless reinforced cable guide



⚠ This part does not allow to install the shade tight to the wall or columns. O-Box® 5 shades must be ordered 1" narrower.

Ceiling/Floor	BTS
Wall/Floor	BPS

#### SPECIAL CONFIGURATION

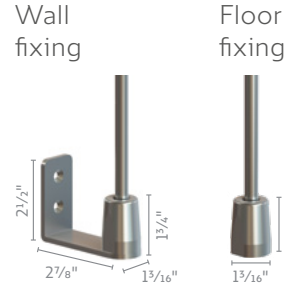


##### ø1/2" Stainless rod guide adjustable fixing with stainless cable guide

Ceiling/Floor	CTS
Ceiling/Wall	CTP
Wall/Floor	CPS
Wall/Wall	CPP

#### ROD GUIDES (indoor/outdoor)

##### ø3/8" Stainless rod guide



Ceiling/Floor	VTS
Ceiling/Wall	VTP
Wall/Floor	VPS
Wall/Wall	VPP

⚠ Max. height: 1181/8".

##### ø1/2" Stainless rod guide adjustable fixing with stainless rod guide



Ceiling/Floor	RTS
Ceiling/Wall	RTP
Wall/Floor	RPS
Wall/Wall	RPP

⚠ Only compatible with ø19/16" Round fabric wrap bottom hembar.

### Additional brackets

#### Wall short bracket



#### Wall long bracket

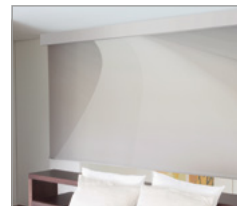


#### Ceiling bracket



### Other options

#### Fabric customization



⚠ Only available for indoor installation.

# BOX SYSTEMS - O-BOX®

## TECHNICAL DATA

### Operating systems and minimum shade width

Operating system	Motor name	Sound Level (dBA)	Ø (mm)	Nm	r.p.m.	IP	Requires charger/transformer	Motor Vdc/Vac	Minimum shade width	
									O-BOX® 4	O-BOX® 5
CHAIN	--	--	--	--	--	--	--	--	15¾"	--
CRANK	--	--	--	--	--	--	--	--	15¾"	15¾"
SOMFY®	SONESSE 40 4/36 <sup>(3)</sup>	42	40	4	36	44	No	120 Vac	24⅞"	--
	SONESSE 40 RECHARGEABLE 3/28 WF <sup>(3)</sup>	44	40	3	10/28	30	Yes	12 Vdc	29⅛"	--
	SONESSE 50 6/32 <sup>(3)</sup>	≤44	50	6	32	31	No	120 Vac	30⅞"	30⅞"
	SONESSE 50 10/32 <sup>(3)</sup>	≤45	50	10	32	44	No	120 Vac	--	30⅞"
	ULTRA QUIET 50 6/24	≤38	50	6	24	31	No	120 Vac	36¾"	36¾"
ROLLEASE AUTOMATE	LI-ION 40 3.0	53	35	3	28/24/20	44	Yes	12 Vdc	37⅛"	--
	LI-ION 50 3.0	40	45	3	28/24/20	44	Yes	12 Vdc	36⅞"	36⅞"
	LI-ION 50 10.0	42	45	10	9/8/6	44	Yes	12 Vdc	36⅞"	36⅞"
BANDALUX	RECHARGEABLE BI 40 3/28	53	40	3	28/24/20	44	Yes	12 Vdc	31⅞"	--
	RECHARGEABLE BI 50 3/28	40	50	3	28/24/20	44	Yes	12 Vdc	35⅛"	35⅛"
	RECHARGEABLE BI 50 10/9	42	50	10	9/8/6	44	Yes	12 Vdc	35⅛"	35⅛"
VERTILUX	RECHARGEABLE 40 6/18	N/I/A	35	6	18	N/I/A	Yes	12 Vdc	35"	--
	QUIET 40 6/33	N/I/A	40	6	33	44	No	120 Vac	28⅞"	--
	ULTRA QUIET 50 6/28	N/I/A	50	6	28	N/I/A	No	120 Vac	31⅞"	31⅞"

❗ To guarantee proper functioning, Bandalux will provide the appropriate motor model according to the shade size. / N/I/A: No info available. / Motor only compatible for indoor installation.

### Controls height

#### CHAIN

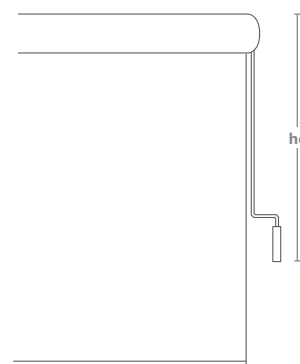


Minimum calculation for hc:  
**H x 0.90**

Estimate example	
Shade height H	Controls height hc
40"	36"
80"	72"
160"	144"

❗ The controls height will always be measured from the highest part of the shade (bracket upper part) to the lowest part of the operating system.

#### CRANK



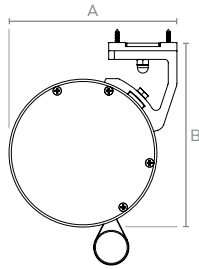
#### hc - (Std.) Standard crank heights

39¾"  
47¾"  
55¾"  
63"  
70¾"  
78¾"  
86½"  
94½"  
102¾"  
110¾"  
118¾"

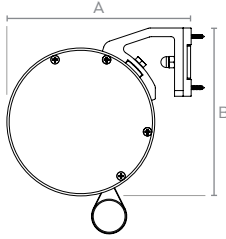
❗ If the controls height does not correspond to any of this table sizes, the manufacturing will always be based on the immediate lower size. / The controls height will always be measured from the highest part of the shade (upper part of the bracket) to the lowest part of the crank when not extended (according to diagram). / Measurement with extended crank: add 51/2". If other controls height is required, please indicate on the order form or eBa.



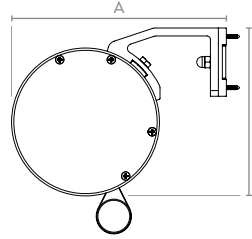
### Box system sizes



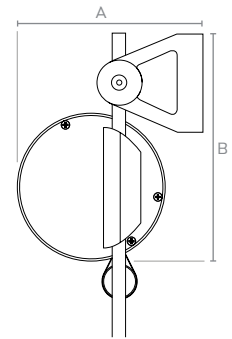
Ceiling bracket



Wall short bracket



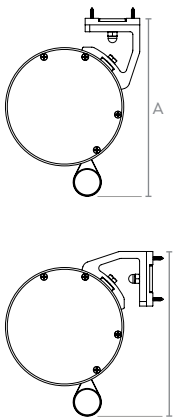
Wall long bracket



Ø12 rod guide  
adjustable fixing

	A	B	A	B	A	B	A	B
O-BOX® 4	4 <sup>7</sup> / <sub>16</sub> "	5"	5"	4 <sup>3</sup> / <sub>8</sub> "	6 <sup>1</sup> / <sub>2</sub> "	4 <sup>3</sup> / <sub>8</sub> "	--	--
O-BOX® 5	5 <sup>7</sup> / <sub>8</sub> "	6 <sup>3</sup> / <sub>8</sub> "	6 <sup>3</sup> / <sub>8</sub> "	5 <sup>13</sup> / <sub>16</sub> "	7 <sup>7</sup> / <sub>16</sub> "	5 <sup>13</sup> / <sub>16</sub> "	6 <sup>7</sup> / <sub>16</sub> "	7 <sup>7</sup> / <sub>8</sub> "

### Bottom hembars and retraction heights



#### HIDDEN BOTTOM HEMBARS

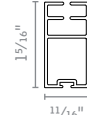
#### VISIBLE BOTTOM HEMBARS



Ø1<sup>3</sup>/<sub>16</sub>" Round fabric wrap



Ø1<sup>9</sup>/<sub>16</sub>" Round fabric wrap



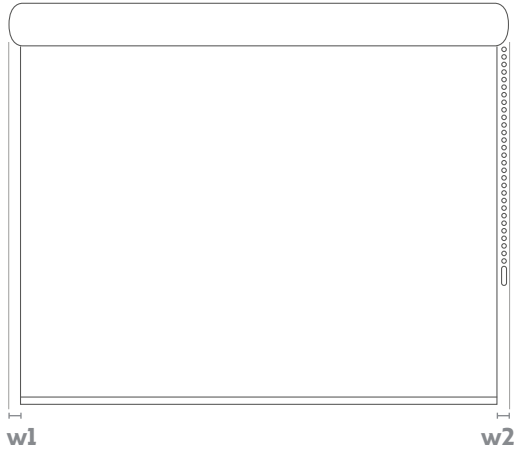
Slim 35

	A	B	A	B	A	B
O-BOX® 4	6 <sup>7</sup> / <sub>16</sub> "	5 <sup>3</sup> / <sub>4</sub> "	6 <sup>13</sup> / <sub>16</sub> "	6 <sup>3</sup> / <sub>16</sub> "	6 <sup>1</sup> / <sub>2</sub> "	5 <sup>7</sup> / <sub>8</sub> "
O-BOX® 5	7 <sup>3</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>8</sub> "	7 <sup>9</sup> / <sub>16</sub> "	7 <sup>7</sup> / <sub>8</sub> "	7 <sup>1</sup> / <sub>4</sub> "
WITHOUT SIDE GUIDES	✓		✓		✓	
WITH CABLE GUIDE	✓		✓		✗	
WITH Ø <sup>3</sup> / <sub>8</sub> " ROD GUIDE	✓		✓		✗	
WITH Ø <sup>1</sup> / <sub>2</sub> " ROD GUIDE	✗		✓		✗	

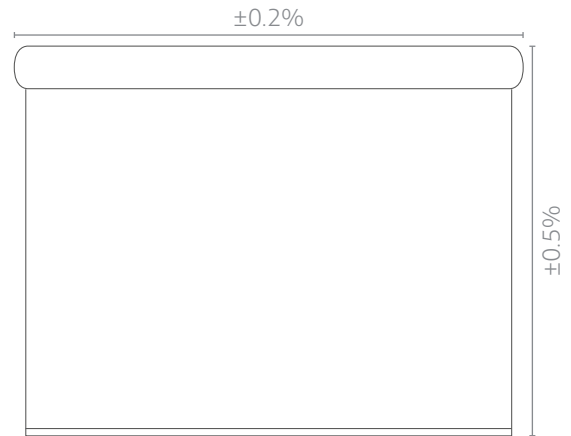
# BOX SYSTEMS - O-BOX®

## TECHNICAL DATA

### Space between bracket and fabric (GAP)



### Production tolerance



		without side guides		with cable guides		with rod guides		Rod guide fixing with cable guide		Rod guide fixing with rod guide	
		w1	w2	w1	w2	w1	w2	w1	w2	w1	w2
O-BOX® 4	CHAIN	7/8"	1 <sup>3</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	--	--	--	--
	CRANK	7/8"	1 <sup>7</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	--	--	--	--
	12Vdc MOTOR	7/8"	1 <sup>13</sup> /16"	1 <sup>9</sup> /16"	1 <sup>13</sup> /16"	1 <sup>9</sup> /16"	1 <sup>13</sup> /16"	--	--	--	--
	120Vac MOTOR	7/8"	1 <sup>13</sup> /16"	1 <sup>9</sup> /16"	1 <sup>13</sup> /16"	1 <sup>9</sup> /16"	1 <sup>13</sup> /16"	--	--	--	--
O-BOX® 5	CRANK	7/8"	1 <sup>7</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	1 <sup>9</sup> /16"	2 <sup>7</sup> /8"	2 <sup>7</sup> /8"	2 <sup>15</sup> /16"	2 <sup>15</sup> /16"
	12Vdc MOTOR	7/8"	1 <sup>13</sup> /16"	1 <sup>9</sup> /16"	1 <sup>13</sup> /16"	1 <sup>9</sup> /16"	1 <sup>13</sup> /16"	2 <sup>7</sup> /8"	2 <sup>7</sup> /8"	2 <sup>15</sup> /16"	2 <sup>15</sup> /16"
	120Vac MOTOR	7/8"	1 <sup>13</sup> /16"	1 <sup>9</sup> /16"	1 <sup>13</sup> /16"	1 <sup>9</sup> /16"	1 <sup>13</sup> /16"	2 <sup>7</sup> /8"	2 <sup>7</sup> /8"	2 <sup>15</sup> /16"	2 <sup>15</sup> /16"

# **BANDALUX**