



ECLIPSE AWNING SYSTEMS

SCOTT FREE AWNING SYSTEM



WWW.SCOTTFREEAUSTRALIA.COM.AU

effective march 2019



SCOTT FREE
(AUST) PTY LTD

your industry partner



eclipse awning systems

catalogue contents

awning components	3-22
folding arm awnings	23-31
motorisation options	32-42
motorisation app integration	43
motorisation remotes	44-46
motorisation controls	47
motorisation receivers	48-49
motion, sun and wind sensors	50-51
miscellaneous items	52-53
folding arm motor guide	54
motor lifting capacity chart	55
scott free contact details	56

WWW.SCOTTFREEAUST.COM.AU

effective march 2019



SCOTT FREE
(AUST) PTY LTD


your industry partner



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Keyway Tube				
	120KT5065	50mm tube 6.5m	Zinc	10
	120KT6366	63mm tube 6.6m	Zinc	10
	120KT7058	70mm tube 7.0m	Galvanised Steel	10
	120KT7858	78mm tube 7.0m	Galvanised Steel	10
	120KT8558	85mm tube 7.0m	Galvanised Steel	5
	120KTA6366	63mm Ali tube 6.6m	Mill	20
	120KTA7865	80mm Ali tube 6.5m	Mill	20
	120RB12G600*	12mm galvanise bar	Galvanised Steel	50
	120T3872*	38mm steel pipe	Galvanised Steel	10




SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
5 Sided Tube				
	120KT565	5 sided tube 6.5m	Zinc	5
	120KT565B	5 sided tube 6.5m	Black	5
	120KT565W	5 sided tube 6.5m	White	5
	120KT565C	5 sided tube 6.5m	Cream	5
	120KT565J	5 sided tube 6.5m	Jasper	5
	120KT565SG	5 sided tube 6.5m	Slate Grey	5
	120KT565CH	5 sided tube 6.5m	Charcoal	5
	120KT565M	5 sided tube 6.5m	Merino	5







SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Gear Box				
   	121GB27B	2.7:1	Black	25
	121GB27W	2.7:1	White	25
	121GB27I	2.7:1	Ivory	25
	121GB9B	9:1	Black	20
	121GB9W	9:1	White	20
	121GB9I	9:1	Ivory	20
	121GB7B	7:1	Black	25
	121GB7W	7:1	White	25
	121GB7I	7:1	Ivory	25
	121GB7G	7:1	Grey	25





SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Gear Box & Motor Bracket				
	122B62B	62mm	Black	50
	122B62W	62mm	White	50
	122B62I	62mm	Ivory	50
	122B62SS	62mm	316 S/S	10
	122B62Z	62mm	Zinc	20
Gear Box & Motor Plate				
	122FB62B	62mm	Black	50
	122FB62W	62mm	White	50
	122FB62I	62mm	Ivory	50
	122FB62Z	62mm	Zinc	50




SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Crank Handle				
	123CH10W	1000mm	White	10
	123CH10B	1000mm	Black	10
	123CH12W	1200mm	White	10
	123CH12B	1200mm	Black	10
	123CH15W	1500mm	White	10
	123CH15B	1500mm	Black	10
	123CH18W	1800mm	White	10
	123CH18B	1800mm	Black	10





SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Drive End Cap				
	124DE63	63mm	Black	50
	124DE70	70mm	Black	50
	124DE78	78mm	Black	50
	124DE85	85mm	Black	5
Idler End Caps				
	125IE63	63mm	Black	50
	125IE70	70mm	Black	50
	125IE78	78mm	Black	50
	125IE85	85mm	Black	5





SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Pivot Pin & Plates				
	126PPSS		Stainless Steel	20
	126PPPZ		Zinc	20
Hooding				
	127HZ	6.6m	Zinc	5
	127HB	6.6m	Black	5
	127HW	6.6m	White	5
	127HC	6.6m	Cream	5
	127HCH	6.6m	Charcoal	5
	127HSG	6.6m	Slate Grey	5
	127HM	6.6m	Merino	5




SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Hood Ends				
	128HEZ	Suit Spring	Zinc	12
	128GHEZ	Suit Gearbox	Zinc	12
	128HEB	Suit Spring	Black	12
	128GHEB	Suit Gearbox	Black	12
	128HEW	Suit Spring	White	12
	128GHEB	Suit Gearbox	White	12
	128HEC	Suit Spring	Cream	12
	128GHEC	Suit Gearbox	Cream	12
	128HEM	Suit Spring	Merino	12
	128GHEM	Suit Gearbox	Merino	12




SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Hood Ends (Continued)				
	128HESG	Suit Spring	Slate Grey	12
	128GHESG	Suit Gearbox	Slate Grey	12
	128HECH	Suit Spring	Charcoal	12
	128GHECH	Suit Gearbox	Charcoal	12



SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Awning Spring				
	129AS50300	Suit 50mm tube @ 300mm length	Black	15
	129AS50630	Suit 50mm tube @ 630mm length	Black	15
	129AS63450	Suit 63mm tube @ 450mm length	Black	10
	129AS631000	Suit 63mm tube @ 1000mm length	Black	5



SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Auto Arms				
	13AA150Z	150mm	Zinc	20
	13AA300Z	300mm	Zinc	20
	13AA450Z	450mm	Zinc	10
	13AA600Z	600mm	Zinc	10
	13AA150SS	150mm	316 S/S	10
	13AA300SS	300mm	316 S/S	10
	13AA600SS	600mm	316 S/S	10




SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Auto Guides				
	131AG900Z	900mm	Zinc	10
	131AG1200Z	1200mm	Zinc	10
	131AG1500Z	1500mm	Zinc	10
	131AG1800Z	1800mm	Zinc	10
	131AG2100Z	2100mm	Zinc	10
	131AG2400Z	2400mm	Zinc	10
	131AG900SS	900mm	316 S/S	10
	131AG1200SS	1200mm	316 S/S	10
	131AG1500SS	1500mm	316 S/S	10
	131AG1800SS	1800mm	316 S/S	10






SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Auto Guides (Continued)				
	131AG2100SS	2100mm	316 S/S	10
	131AG2400SS	2400mm	316 S/S	10
Spring Bracket				
	132SB75Z	Spring Bracket	Zinc	40
	132SB75SS	Spring Bracket	316 S/S	20
L Brackets for Guides				
	133LBZ	L Bracket	Zinc	50
	133LBSS	L Bracket	316 S/S	50
U Bracket for Guides				
	134UBZ	U Bracket	Zinc	50
	134UBSS	U Bracket	316 S/S	50




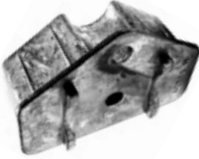
SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Awning Spline				
	135S36	3.6mm	White	500
	135S6	6.0mm	Black	250
End Caps				
	137EC5M	5 sided End Cap	Zinc	50
	137EC5P	5 sided End Cap	Plastic	50
	137FEC5P	Multi stop End Cap	Plastic	50
	13750IE	50mm idler end	Plastic	50
	13763IE	63mm idler end	Plastic	50
	137EC38P*	38mm End Cap	Plastic	
	13750SP	50mm spool	Metal	10








SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
5 Sided Pull Rings				
	138PR5M	5 Sided Pull Ring	Zinc	100
	138PR5P	5 Sided Pull Ring	Black	100
Cloth Tape Guide				
	140CTG	Cloth Tape Guide	White	10
Cord Guide				
	140CG	Cord Guide	White	10
Drive Unit Handle				
	140DUH	Drive Unit Handle	Metal	1
Drive Unit				
	140CTDU	Cloth Tape Drive Unit		5
	140CDU	Cord Drive Unit		5




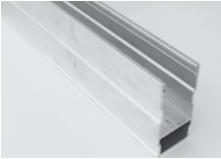

SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Habitat Bottom Rail				
	26500BRM	Bottom rail	Mill	2
	26500BRB	Bottom rail	Black	2
Habitat Side Channel				
	2005HSCM	Side Channel	Mill	2
	2005HSCB	Side Channel	Black	2
	2005HSCW	Side Channel	White	2
	2005HSCCC	Side Channel	Classic Cream	2
	2005HSCP	Side Channel	Merino	2
Habitat Thumb Screw				
	200HTS	Habitat Thumb Screw		10





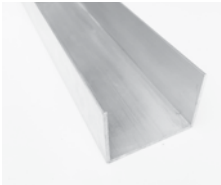
SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Habitat Slide Tongue				
	200HST	Habitat Slide Tongue		10
Habitat Weather Strip				
	200HWS	Habitat Weather Strip 300m		1
Multi Stop System				
	142MSCM	6m Channel	Mill	4
	142MSCB	6m Channel	Black	4
	142MSCW	6m Channel	White	4
	142MSCC	6m Channel	Cream	4





SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Multi Stop Top Bracket				
	142MSTBSS	Pair	Stainless Steel	10
	142MSTBB	Pair	Black	10
	142MSTBW	Pair	White	10
	142MSTBC	Pair	Cream	10
Multi Stop Channel Feet				
	142MSCFM	Each	Mill	20
	142MSCFB	Each	Black	20
	142MSCFW	Each	White	20
	142MSCFC	Each	Cream	20








SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Universal Bottom Rail				
	141UBRCA6	Universal Bottom Rail 6m	Clear Anodised	2
	141UBRB6	Universal Bottom Rail 6m	Black	2
Universal Bottom Rail End Cap				
	141UBREC	Universal Bottom Rail End Cap	Black	20
Stainless Steel Guide				
	141SSG	Stainless Steel Guide	Stainless Steel	10
Universal Bottom Rail Saddles				
	141UBRS	Universal Bottom Rail Saddles	Stainless Steel	50
Wire Guide Bottom Bush				
	141WGBB	Wire Guide Bottom Bush	Stainless Steel	10








SCOTT FREE
(AUST) PTY LTD



awning components

eclipse awning systems

effective march 2019

	Code	Description	Colour	Pack Size
Wire Guide Top Bush				
	141WGTB	Wire Guide Top Bush	Stainless Steel	10
Wire Guide L Bracket				
	141WGLB	Wire Guide L Bracket	Stainless Steel	10
Drop Path Ring				
	141DPR	Drop Path Ring Kit	Stainless Steel	20
Wire Guide Deck Mount				
	141DM	Wire Guide Deck Mount	Stainless Steel	10
Guide Wire 3.2mm Cable				
	STSSC	Stainless Steel Cable (Per Mtr / Per Roll)		100
	STSSC1	Stainless Steel Cable (Per Mtr)		1



SCOTT FREE
(AUST) PTY LTD



AUSTRALIA R-90

The ultimate awning for Australian conditions.



The Australia R-90 Seamlessly blends timeless Italian design with the proven Australia longevity. Folding Arm Awnings offer perfect sun protection versatility by being retracted back to the wall when not in use, or fully projected to give you the desired protection from the elements. The R-90 can be operated with the press of a button via motorisation, or the more cost effective manual operation. Our unique **Balteus Arms** feature market leading technologies and can last up to 3 times the longevity of our competitors products.

Colour Options



Black



White



Ivory



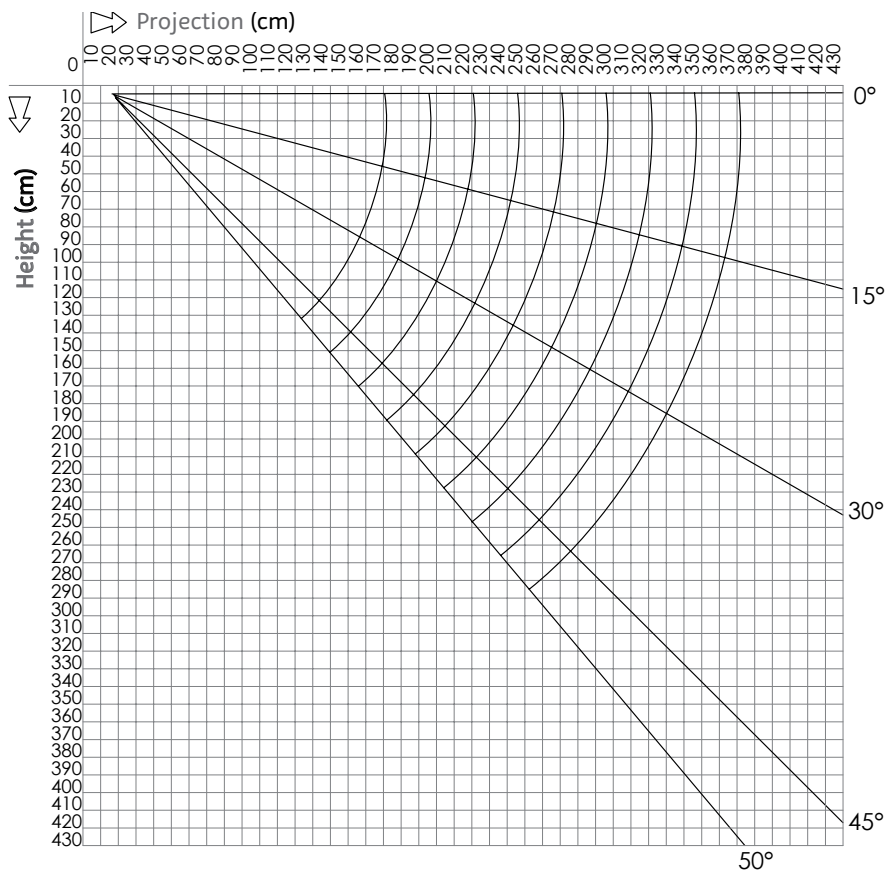
Grey

Colours are indicative only, please refer to actual material swatch for accuracy.

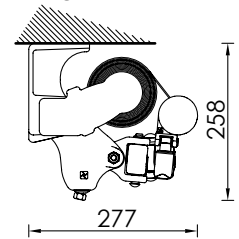
AUSTRALIA R-90



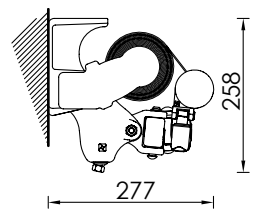
Technical details Australia R-90 Folding Arm Awning



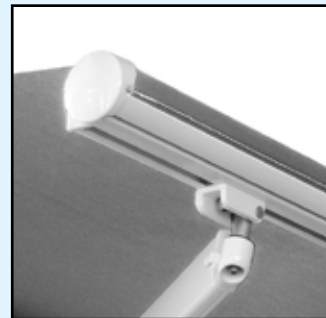
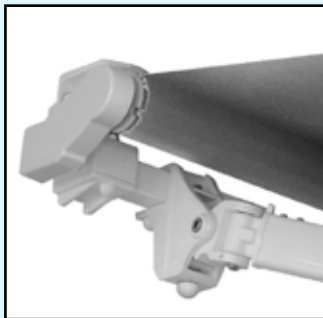
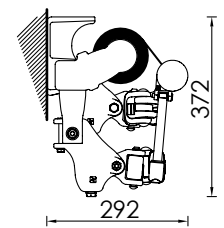
Ceiling Installation



Wall Installation

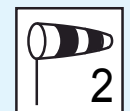
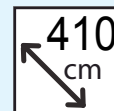
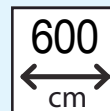


Cross Over Arm Installation



Minimum width per projection - 1 pair arms

Projection	Min. Width	Min. Width with crossed arms
160	191	129
210	241	154
260	291	179
310	341	204
360	391	229
410	431	254



* 2 refers to testing under European Standard EN 13561, (winds up to 39km/h). Which is also the Australian Standard for retractable awnings. Awnings must be mounted as per specified and awning always retracted in windy conditions.

australia folding arm awning

eclipse awning systems

effective february 2019

Awning Width (mm)

Awning Projection	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000						
Arm Projection (mm)	1600	677	710	744	781	811	858	868	1007	1041	1089	1123	1439	1473	1511	1552	1790	1887	1921	1956	1991
Arm Projection (mm)	2100	714	747	781	811	858	868	1007	1041	1089	1123	1439	1473	1511	1552	1790	1887	1921	1956	1991	2057
Arm Projection (mm)	2600	770	777	811	858	868	1007	1041	1089	1123	1439	1473	1511	1552	1790	1887	1921	1956	1991	2057	
Arm Projection (mm)	3100																				
Arm Projection (mm)	3600																				
Arm Projection (mm)	4100																				
Arms Per Awning	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Brackets Per Awning	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Minimum Width Per Projection

Awning Width	1910	2410	2910	3410	3910	4410
Arm Projection	1600	2100	2600	3100	3600	4100

Please note the following Scott Free (Aust) recommendations & surcharges:

GEARBOX operation, including crank handle of your selection: \$37.95
Unassembled kit supplied cut to size: \$41.00 upto 6m & \$77.00 for wider awnings
Assembled kit \$88.00 upto 7m | Additional Installation brackets will be charged at \$35.65 each
22 Degree rafter brackets \$71.50 each (11 degree and 33 degree brackets POA) | Maximum width per unit 7m | Wider awnings POA
Shaded sizes refer to crossover arm kit appropriate awnings: \$90.10 per awning | Freight & packaging per awning \$40.00 in Sydney Metro (other areas POA)
All prices are exclusive of GST





AUSTRALIA R-PITCH

The ultimate awning for Australian conditions.



The Australia R-Pitch Seamlessly blends timeless Italian design with the proven Australia longevity. Folding Arm Awnings offer perfect sun protection versatility by being retracted back to the wall when not in use, or fully projected to give you the desired protection from the elements. The beauty of the Australia R-Pitch is it gives the home owner the ability to adjust the pitch of the awning themselves, for example to follow the setting sun. The R-Pitch can be operated with the press of a button via motorisation, or the more cost effective manual operation. Our unique **Balteus Arms** feature market leading technologies and can last up to 3 times the longevity of our competitors products.

Colour Options



Black



White



Ivory

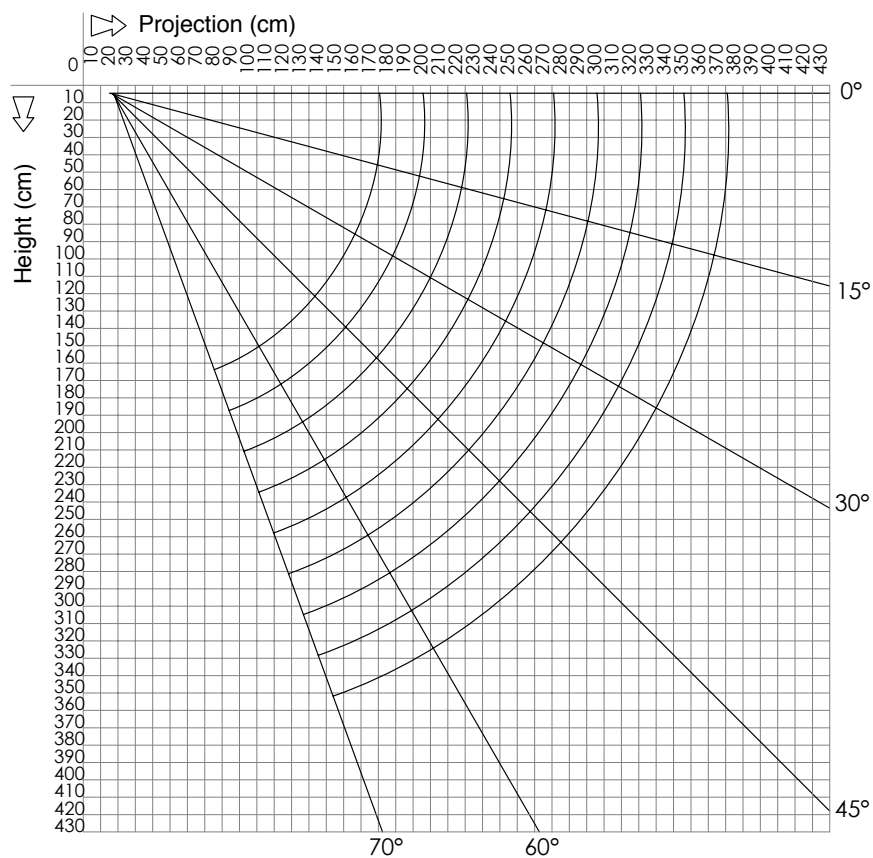


Grey

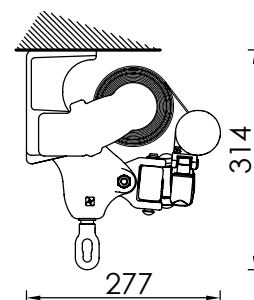
Colours are indicative only, please refer to actual material swatch for accuracy.

AUSTRALIA R-PITCH

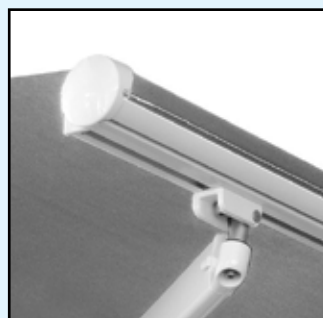
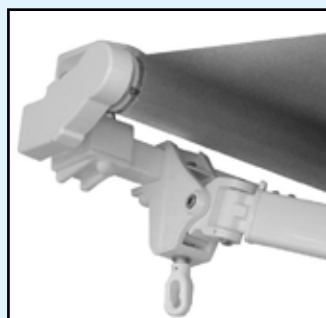
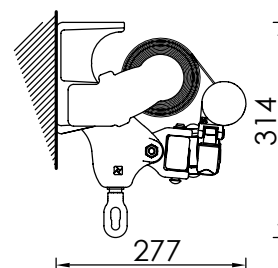
Technical details Australia R-Pitch Folding Arm Awning



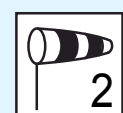
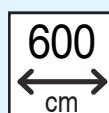
Ceiling Installation



Wall Installation



Minimum width per projection	
Projection	Min. Width
160	191
210	241
260	291
310	341
360	391
410	431



* 2 refers to testing under European Standard EN 13561, (winds up to 39km/h). Which is also the Australian Standard for retractable awnings. Awnings must be mounted as per specified and awning always retracted in windy conditions.

australia r-pitch folding arm awning

eclipse awning systems

effective february 2019

Awning Width (mm)

Awning Projection	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
Arm Projection (mm)	1600	776	809	843	982	1016	1094	1447	1482	1569	1846	1883	1918	1968	2002
Arm Projection (mm)	2100	813	846	880	1020	1054	1132	1505	1515	1636	1922	1959	1993	2044	2078
Arm Projection (mm)	2600	869	876	910	1081	1114	1662	1549	1584	1682	1957	2033	2068	2103	2138
Arm Projection (mm)	3100		957	967	1106	1140	1188	1587	1621	1701	1988	2085	2119	2154	2189
Arm Projection (mm)	3600			1122	1132	1187	1229	1640	1660	1848	2005	2111	2178	2204	2255
Arm Projection (mm)	4100			1254	1261	1309	1359								
Arms Per Awning	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4
Brackets Per Awning	2	2	3	3	3	3	3	3	4	4	4	4	5	5	5

Minimum Width Per Projection

Awning Width	1910	2410	2910	3410	3910	4410
Arm Projection	1600	2100	2600	3100	3600	4100

Please note the following Scott Free (Aust) recommendations & surcharges:

Gearbox operation, including crank handle of your selection: \$37.95

Unassembled kit supplied cut to size: \$41.00 upto 6m & \$77.00 for wider awnings

Assembled kit \$88.00 upto 7m | Additional Installation brackets will be charged at \$35.65 each

22 Degree rafter brackets \$71.50 each (11 degree and 33 degree brackets POA) | Maximum width per unit 7m | Wider awnings POA

Freight & packaging per awning \$40.00 in Sydney Metro (other areas POA)

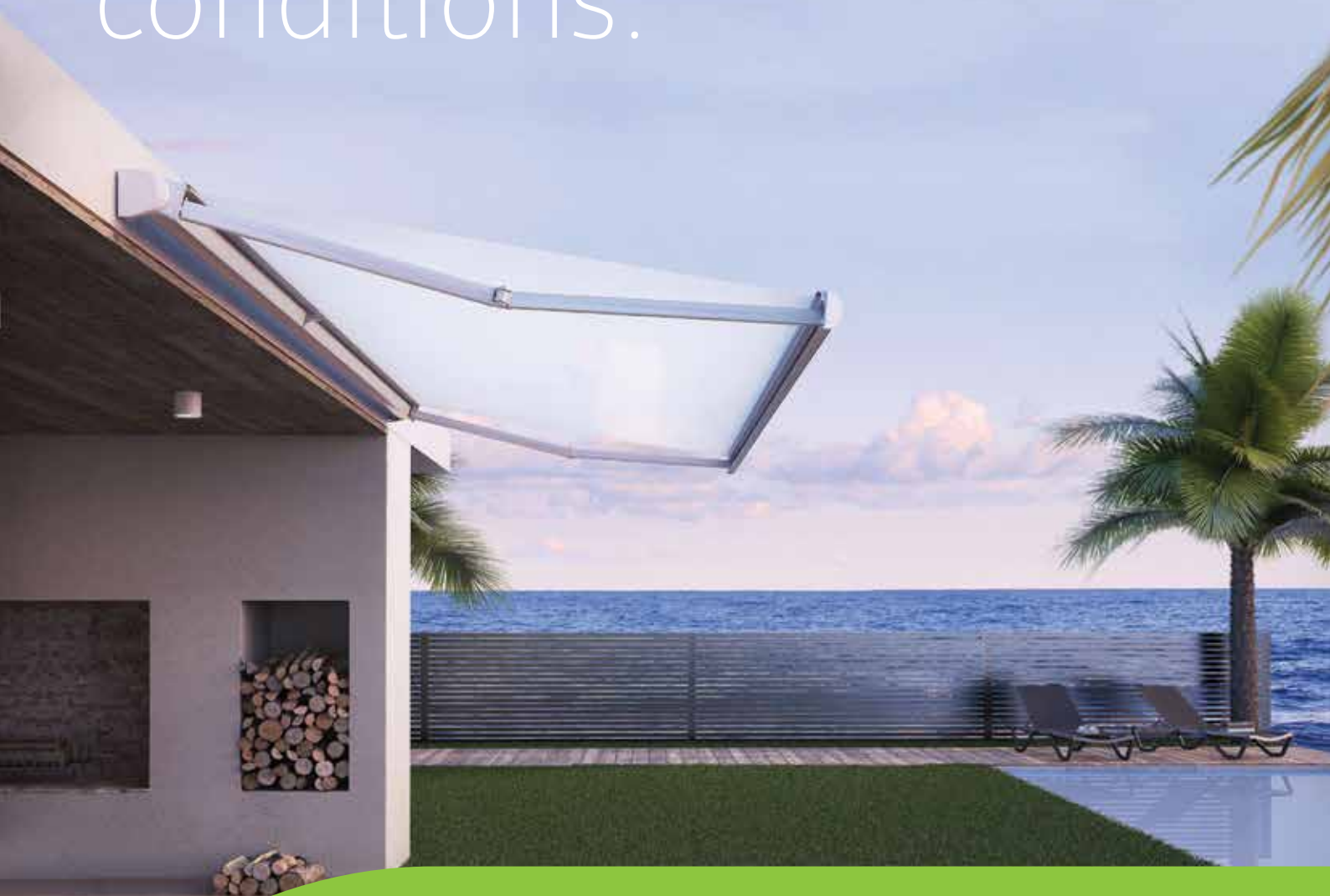
All prices are exclusive of GST





BASE PLUS

The ultimate awning for Australian conditions.



The Base Plus The Base Plus is a Full cassette Folding Arm Awning that is designed and produced in Italy, though assembled in Australia. The Full cassette Folding Arm Awnings offer perfect sun protection versatility by being retracted back to wall when not in use, or fully projected to give you the desired protection from the sun. The Classic feature of the Base Plus is that once the awning is retracted the fabric is protected from the elements and all hardware seamlessly disappears inside a classy Italian designed cassette. With this level of product motorisation is the perfect pairing for operation, though for the more budget conscious manual operation is available. Our unique **Balteus Arms** feature market leading technologies and can last up to 3 times the longevity of our competitors products.

Colour Options



Black



White



Ivory



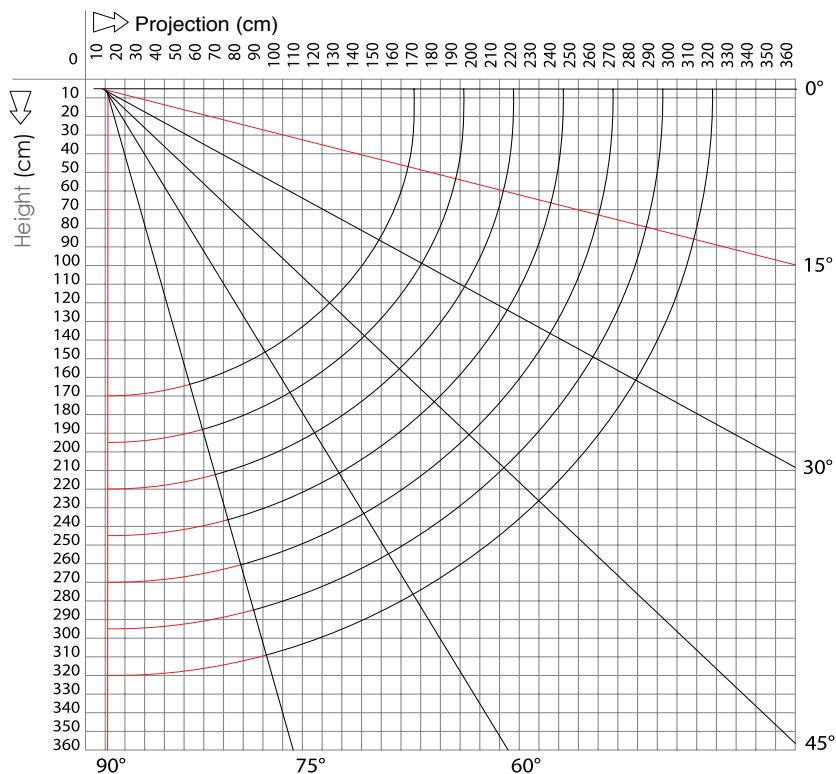
Grey

Colours are indicative only, please refer to actual material swatch for accuracy.

BASE PLUS

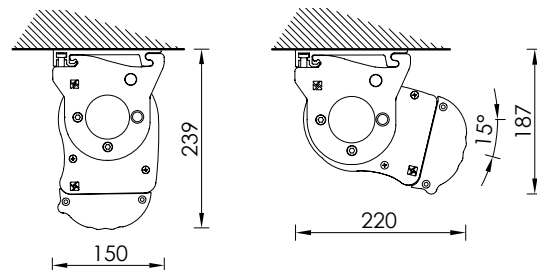


Technical details Base Plus - Full Cassette Awning

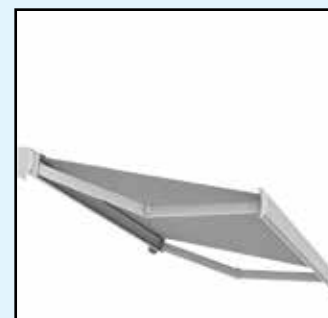
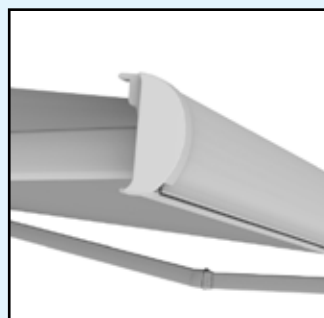
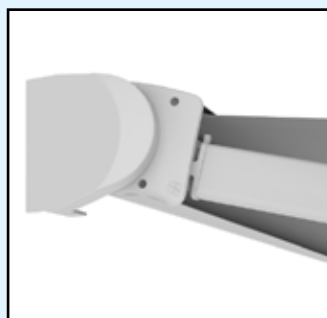
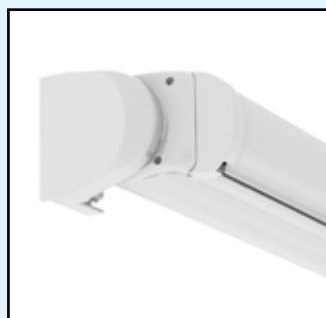
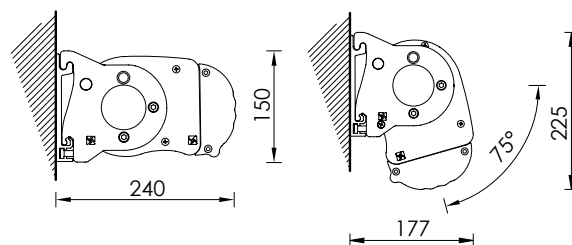


■ Wall covering diagram 0° - 75°
 ■ Ceiling covering diagram 15° - 90°

Ceiling Installation - 0° and 15°

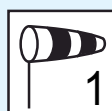
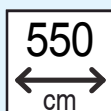
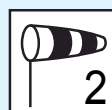
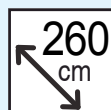
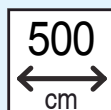


Wall Installation - 0° and 75°



Minimum width per projection

Projection	Min. Width
160	191
210	241
260	291
310	341



* 2 refers to testing under European Standard EN 13561, (winds up to 39km/h). Which is also the Australian Standard for retractable awnings.

* 1 refers to testing under European Standard EN 13561, (winds up to 29km/h).

Awnings must be mounted as per specified and awning always retracted in windy conditions.

base plus full cassette folding arm awning

eclipse awning systems

effective february 2019

		Awning Width (mm)									
Awning Projection		2000	2500	3000	3500	4000	4500	5000	5500		
Arm Projection (mm)	1600	1166	1394	1404	1414	1617	1722	1815	1946		
Arm Projection (mm)	2100		1420	1430	1440	1644	1748	1869	1974		
Arm Projection (mm)	2600			1464	1474	1688	1792	1966	2070		
Arm Projection (mm)	3100				1510	1718	1822	1751	2031		
Arms Per Awning		2	2	2	2	2	2	2	2	2	2
Brackets Per Awning		2	2	2	2	2	2	2	2	2	2

Minimum Width Per Projection

Awning Width	1910	2410	2910	3410
Arm Projection	1600	2100	2600	3100

Please note the following Scott Free (Aust) recommendations & surcharges:

Gearbox operation, including crank handle of your selection: \$37.95 | Unassembled kit supplied cut to size: \$50.00 wider awnings

Assembled kit \$90.00 upto 5.5m | 22 Degree rafter brackets \$71.50 each (11 degree and 33 degree brackets POA)

Freight & packaging per awning \$40.00 in Sydney Metro (other areas POA)

All prices are exclusive of GST





external awning

motorisation options

effective february 2019



scott free



SCOTT FREE
(AUST) PTY LTD



WSER50

universal

7 year replacement warranty
Electronic limit switch
Built-in receiver
Wireless limit setting
External antenna



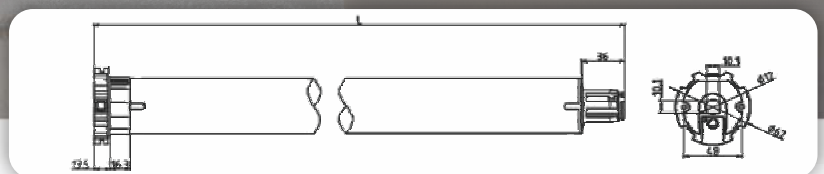
The WSER50 series Universal motors are the most popular external straight drop motors in the country.

Due to the torque stop function, this motor is ideal for all external straight drop systems. This protective feature can be used to stop on stoppers at the top limit in side channel systems, and can also be used to tension the fabric when the awning is down. A top limit is set normally and the torque stop function can be used in conjunction.



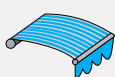
Electronic Limit Switch

Built in Receiver Motor
45mm diameter



Specifications - 240V / 50Hz

Type	10/27	30/17	50/13
Rated Torque (N.m)	10	30	50
Output Speed (rpm)	27	17	13
Nominal Consumption (W)	203	226	244
Nominal Voltage (V)	240	240	240
Nominal Current (A)	0.84	0.95	1.06
Running Time (Min)	4	4	4
Protection Index (IP)	44	44	44
Total Length (mm)	570	570	600
Maximum Turns (Turn)	∞	∞	∞
Net Weight (Kg)	2.30	2.45	2.65



Awning



Roller Blind



Roller Shutter

Product Certificates



WSER50

folding arm motor

7 year replacement warranty
Electronic limit switch
Built-in receiver
Wireless limit setting
External antenna



Also referred to as "Cassette Awning" motors, these motors are designed to automatically set their inner limit based on tension. It will also allow you to set the inner limit manually if you require.

When using the auto inner limit setting, the outer limit is set manually using the remote and it will find its own inner stopping position by detecting the resistance as it reaches the fully closed position the first time it is closed. After this the motor will stop in this position after detecting an increased resistance of 25% while moving.

On larger cassette awnings, 25% is sometimes not enough so you can increase this to 50%, 75% or 100% if required. It's rare to need this adjustment but it's a good feature to have.

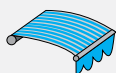
When used with Sun/Wind sensors or Motion sensors, this motor detects a pulse from the sensor issued every 20 minutes. If the Awning is out and does not receive a signal from the sensor for half an hour, it will close itself automatically as a protective measure assuming the sensor has failed or the batteries are flat.

This safety feature is the main reason you should always choose this motor for Folding Arm Awnings if a sensor is going to be used.



Electronic Limit Switch

Built in Receiver Motor
45mm diameter



Awning



Specifications - 240V / 50Hz

Type	30/17	50/13
Rated Torque (N.m)	30	50
Output Speed (rpm)	17	13
Nominal Consumption (W)	226	244
Nominal Voltage (V)	240	240
Nominal Current (A)	0.95	1.06
Running Time (Min)	4	4
Protection Index (IP)	44	44
Total Length (mm)	570	600
Maximum Turns (Turn)	∞	∞
Net Weight (Kg)	2.45	2.65

Product Certificates



WSER60 100/12

universal motor

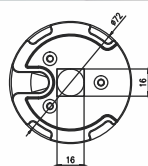
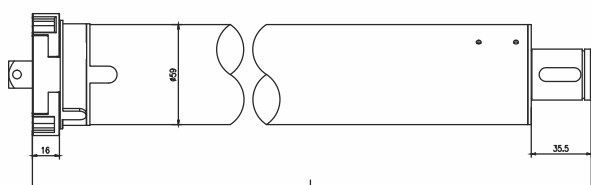
7 year replacement warranty
Electronic limit switch
Built-in receiver
Wireless limit setting
External antenna



This motor is the super heavy duty version in the WSER family.

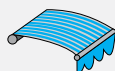
Although it's a universal motor, it's compatible with extra-large folding arms including the additional safety features provided by motion and wind sensors.

Due to the larger diameter of this motor, the smallest tube it can be used with is a 78mm Gal round tube with keyway, or 70mm octagonal roller shutter tube.



Electronic Limit Switch

Built in Receiver Motor
60mm diameter



Awning



Specifications - 240V / 50Hz

Type	100/12
Rated Torque (N.m)	100
Output Speed (rpm)	12
Nominal Consumption (W)	370
Nominal Voltage (V)	240
Nominal Current (A)	1.60
Running Time (Min)	4
Protection Index (IP)	44
Total Length (mm)	685
Maximum Turns (Turn)	∞
Net Weight (Kg)	5.06

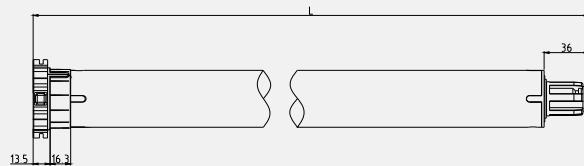
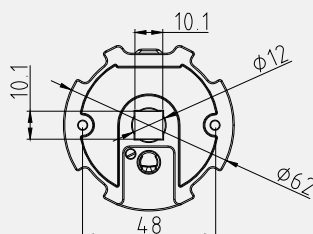
Product Certificates



WSERD50

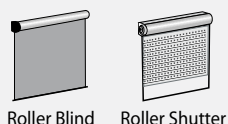
battery & solar motor

- 3rd intermediate limit position
- Low power consumption
- Soft start and soft stop
- Electronic Limit Switch



Specifications - 12V DC

Type	15/12
Rated Torque (N.m)	15
Output Speed (rpm)	12
Nominal Consumption (W)	96
Nominal Voltage (V)	12
Nominal Current (A)	8
Maximum Power (W)	96
Protection Index (IP)	44
Total Length (mm)	565
Maximum Turns (Turn)	∞
Net Weight (Kg)	2.6



Product Certificates



TYB002 Solar panel and battery pack for WSERD50 (Optional power source)

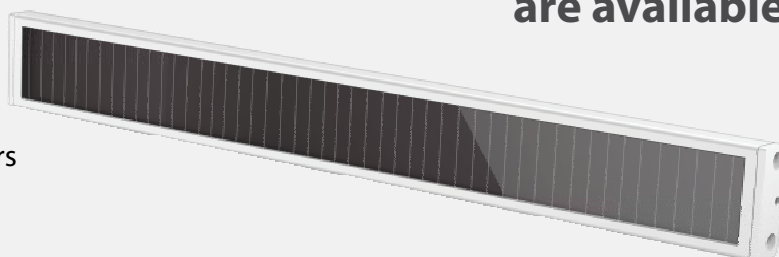
This unit is recommended for use with 50mm DC motors. It's a solar panel with 4400mAh storage capacity using rechargeable Lithium batteries. The batteries will be fully charged in 80 hours of direct sunlight, and when full, will hold enough charge for about 50 days of normal operation without further charging. In the event that the batteries are depleted by excessive use or poor solar panel positioning, the batteries can be recharged in a few hours by connecting an external charger to the unit.

Use Pioneer Series Remotes for greater responsiveness

- Narrow design
- Polycrystalline silicon material
- Built-in rechargeable 4.4 Ah 12V lithium battery
- Output voltage: 12V DC
- Nominal capacity: 4400mAh
- Lifetime: charge/discharge 300 times
- Fully charged by power adaptor within 8 hours
- Fully charged by solar panel within 80 hours
- Working temperature -20°C to 80°C
- Protection Index: IP55
- Dimensions: 590 x 60 x 60 including mounts

PLEASE NOTE:

3m extension cables are available



WSEC50

universal

7 year replacement warranty
Electronic limit switch
For use with building management systems
Parallel wiring compatible
Counter balanced noise suppression



This motor is recommended for all external straight drop awning products.

Limits may be set by using either the WSB01 limit setting tool or by using the button on the motor head.

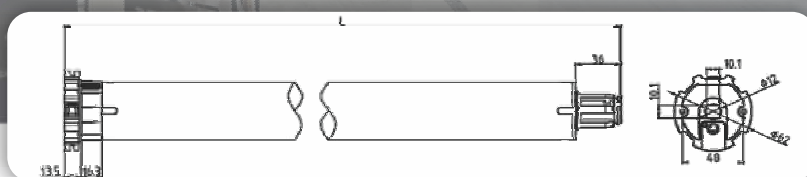
These motors cannot be protected or controlled by Sun/Wind or Motion sensors. Any protective features must be provided by the control system operating the motors.

*** BEST CHOICE FOR
AUTOMATION SYSTEM**



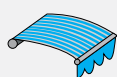
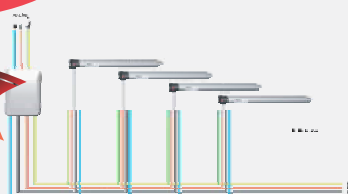
Push Button Type

Electronic Limit Switch Parallel Connector Motor
45mm diameter



Specifications - 240V / 50Hz

Type	10/27	30/17	50/13
Rated Torque (N.m)	10	30	50
Output Speed (rpm)	27	17	13
Nominal Consumption (W)	203	226	244
Nominal Voltage (V)	240	240	240
Nominal Current (A)	0.84	0.95	1.06
Running Time (Min)	4	4	4
Protection Index (IP)	44	44	44
Total Length (mm)	570	570	600
Maximum Turns (Turn)	∞	∞	∞
Net Weight (Kg)	2.05	2.20	2.30



Awning



Roller Blind



Roller Shutter



Product Certificates



WSEC50

folding arm
motor

7 year replacement warranty
Electronic limit switch
For use with building management systems
Parallel wiring compatible
Counter balanced noise suppression



Also referred to as "Cassette Awning" motors, these motors are designed to automatically set their inner limit based on tension.

The outer limit is set manually using the WSB01 limit setting tool and it will find its own inner stopping position by detecting the resistance as it reaches the fully closed position the first time it is closed. After this the motor will stop in this position after detecting an increased resistance of 25% while moving.

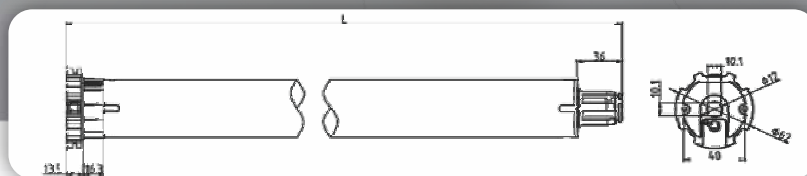
These motors cannot be protected or controlled by Sun/Wind or Motion sensors. Any protective features must be provided by the control system operating the motors.

*** BEST CHOICE FOR
AUTOMATION SYSTEM**



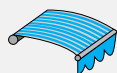
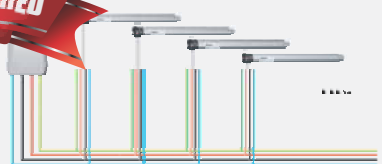
Push Button Type

Electronic Limit Switch Parallel Connector Motor
45mm diameter



Specifications - 240V / 50Hz

Type	30/17	50/13
Rated Torque (N.m)	30	50
Output Speed (rpm)	17	13
Nominal Consumption (W)	226	244
Nominal Voltage (V)	240	240
Nominal Current (A)	0.95	1.06
Running Time (Min)	4	4
Protection Index (IP)	44	44
Total Length (mm)	570	600
Maximum Turns (Turn)	∞	∞
Net Weight (Kg)	2.20	2.30



Awning



Product Certificates



WSS50

7 year replacement warranty
Standard type
Mechanical switch

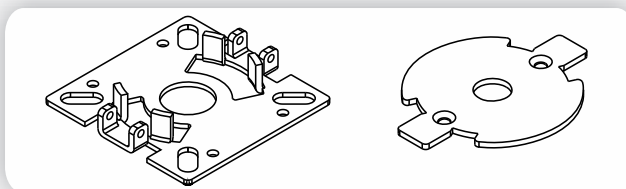


WSS50S 10/17 Short Motor

This is a standard mechanical limits motor like the WSS50 motors except that it is only 380mm long. This makes it suitable for many applications where the longer WSS50 won't fit, like roller shutters on very narrow bay windows for example.

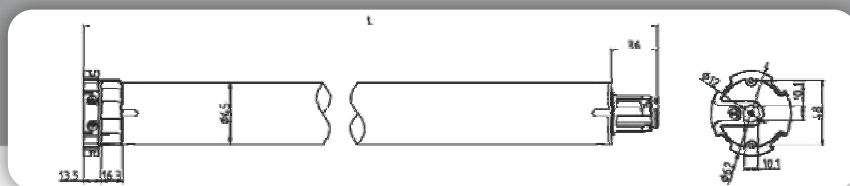
To keep the size to a minimum, this motor has a different head to the standard WSS50 motors and as such requires a different mounting bracket as per the bracket image. This bracket will be supplied with the motor as standard.

Also due to the short length, there is a maximum of 12 turns between limits. This equates to approximately 4 metres drop for a roller shutter using octagonal axle.



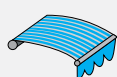
Standard Type Motor

45mm diameter



Specifications - 240V / 50Hz

Type	10/17 SHORT MOTOR	30/17	50/13
Rated Torque (N.m)	10	30	50
Output Speed (rpm)	17	17	13
Nominal Consumption (W)	155	226	244
Nominal Voltage (V)	240	240	240
Nominal Current (A)	0.68	0.95	1.06
Running Time (Min)	4	4	4
Protection Index (IP)	44	44	44
Total Length (mm)	380	455	480
Maximum Turns (Turn)	12	27	27
Net Weight (Kg)	1.86	2.40	2.47



Awning



Roller Blind



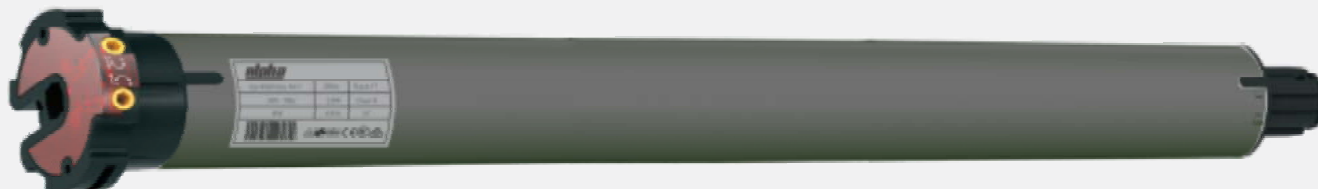
Roller Shutter

Product Certificates





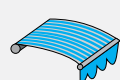
WSS50 20/17 Grey Economy Motor



Alpha Grey is our new economy product aimed specifically at the roller shutter market, and designed to compete at a price point that the normal premium Alpha product can't reach. This is a standard mechanical limits motor, available either with or without a molex connector. Although the normal Alpha motors punch well above their weight in terms of performance, the Alpha Grey motors are not as over-engineered as the premium product but absolutely meet their specifications and are a great reliable motor. The warranty has been reduced to the normal industry standard of 5 years and in the cheaper version of the 2 Alpha Grey motors, the Molex connector has also been removed. This motor simply has a 3m tail without a connector.

If you need a competitive edge on price but are tired of buying inferior motors through shutter suppliers that are often not even compliant to Australian standards, why not give Alpha Grey a try.

Available both with and without Molex connectors.



Awning



Roller Blind



Roller Shutter

Product Certificates



Specifications - 240V / 50Hz

Type	20/17
Rated Torque (N.m)	20
Output Speed (rpm)	17
Nominal Consumption (W)	155
Nominal Voltage (V)	240
Nominal Current (A)	0.68
Running Time (Min)	4
Protection Index (IP)	44
Total Length (mm)	445
Maximum Turns (Turn)	27
Net Weight (Kg)	2.40

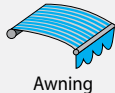
WSM50

manual override

7 year replacement warranty
Standard type
Mechanical switch



Roller Shutter



Awning

Product Certificates



This is a mechanical limits motor, with the addition of manual override. This feature allows a roller shutter or awning to be operated by a crank handle in the event of a power failure. This feature is to allow for emergency operation only and is not suitable for general usage.

PLEASE NOTE
for eyelet and crank handle
options please see page 43

Specifications - 240V / 50Hz

Type	30/17	50/13
Rated Torque (N.m)	30	50
Output Speed (rpm)	17	13
Nominal Consumption (W)	226	244
Nominal Voltage (V)	240	240
Nominal Current (A)	0.95	1.06
Running Time (Min)	4	4
Protection Index (IP)	44	44
Total Length (mm)	625	625
Maximum Turns (Turn)	27	27
Override Turn Ratio	45:1	45:1
Net Weight (Kg)	3.1	3.3

WSME50

manual override

7 year replacement warranty
Standard type
Mechanical switch
Built-in receiver



Roller Shutter



Awning

Product Certificates



This motor is a remote control version of a mechanical limits motor, with the addition of manual override. This feature allows a roller shutter or awning to be operated by a crank handle in the event of a power failure. This feature is to allow for emergency operation only and is not suitable for general usage.

PLEASE NOTE
for eyelet and crank handle
options please see page 43

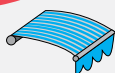
Specifications - 240V / 50Hz

Type	30/17	50/13
Rated Torque (N.m)	30	50
Output Speed (rpm)	17	13
Nominal Consumption (W)	226	244
Nominal Voltage (V)	240	240
Nominal Current (A)	0.95	1.06
Running Time (Min)	4	4
Protection Index (IP)	44	44
Total Length (mm)	740	740
Maximum Turns (Turn)	27	27
Override Turn Ratio	45:1	45:1
Net Weight (Kg)	4.1	4.3

WSM60 120/9

manual override

7 year replacement warranty
Standard type
Mechanical switch



Awning

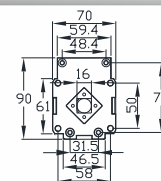
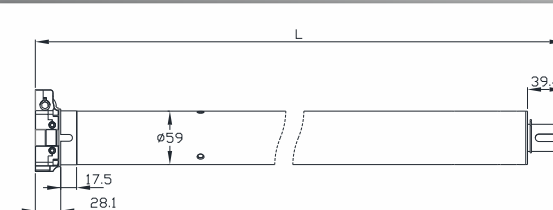


Roller Door

Product Certificates



This is a mechanical limits motor, with the addition of manual override. This feature allows a roller shutter or awning to be operated by a crank handle in the event of a power failure. This feature is to allow for emergency operation only and is not suitable for general usage.



Specifications - 240V / 50Hz

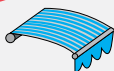
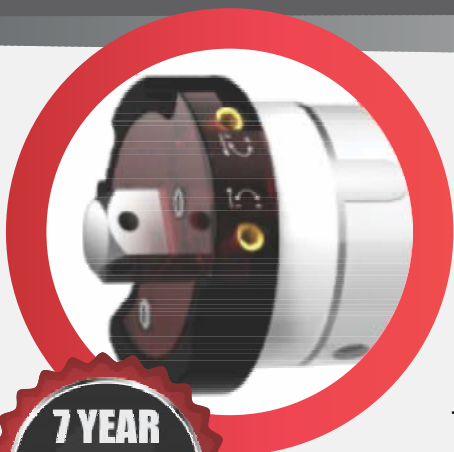
Type	120/9
Rated Torque (N.m)	120
Output Speed (rpm)	9
Nominal Consumption (W)	488
Nominal Voltage (V)	230
Nominal Current (A)	2.15
Running Time (Min)	4
Protection Index (IP)	44
Total Length (mm)	660
Maximum Turns (Turn)	27
Net Weight (Kg)	6.18

WSEB60 120/9

60mm motor

7 year replacement warranty
Built in receiver
Mechanical limits

PLEASE NOTE
for eyelet and crank handle
options please see page 43



Awning

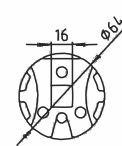
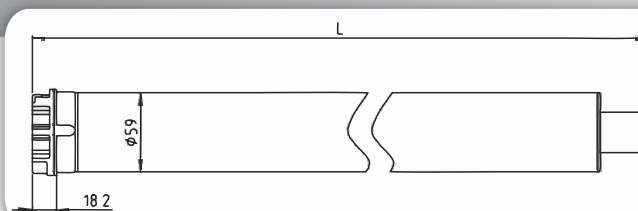


Roller Door

Product Certificates



The WSEB60 120/9 is a 60mm mechanical limits motor with a built in receiver for those super heavy duty jobs.



Specifications - 240V / 50Hz

Type	120/9
Rated Torque (N.m)	120
Speed (RPM)	9
Nominal Consumption	488
Nominal Voltage (V) AC	240
Nominal Current (A)	2.15
Running Time (Min)	4
Protection Index (IP)	44
Total Length (mm)	712
Maximum Turns	27
Net Weight (Kg)	4.76

Alpha-Neo App & Link Box



ALPHA^{NEO}

App integration made easy



This app is extremely versatile and easy to set up. It controls motorised products individually, or by area, or the whole house at once from anywhere in the world with an internet connection. All functionality can be scheduled to operate automatically.

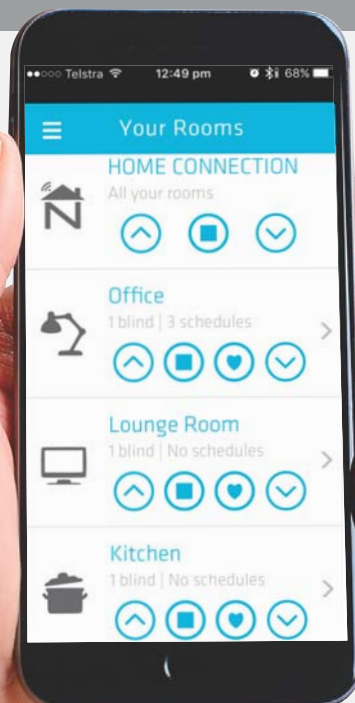
Simply purchase the link box and download the free app for either Android or Apple. This app is compatible with all Alpha remote control motors. There is no limit to the number of control devices you can connect. There are 30 control groups (rooms) available and you can add up to 8 blinds per group. Additionally, you can setup up to 25 schedules to automate functionality.



coming soon ...



Google Home



Specifications

Type	
Nominal Voltage (V)	5
Nominal Current (A)	1
Frequency MHz	433.92
Code Type	Rolling
Power Requirements	5V DC
Number of Channels	Max 240
Total Length (mm)	75
Total Width (mm)	60
Total Height (mm)	25

Remote Controls



The Pioneer Series

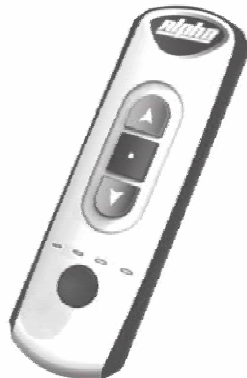
The Pioneer series remotes are a sleek, yet practical design featuring silicone edges for drop protection. Options of 1, 4, 8 & 16 channel transmitters give you enormous flexibility without being overly complicated. The WSRE103 models also feature an easy to read LCD display and a multi-channel function to further simplify the end-user experience. The Alpha remote control system applies a 66 rolling code program with 268 million possible combinations which virtually eliminates any chance of programming duplication. All Alpha remotes and receivers are inter-compatible.



RE101

Specifications

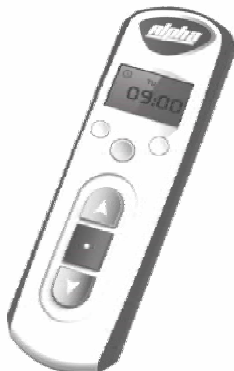
Channels	1
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes



RE102

Specifications

Channels	4
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes



With the 4, 8 & 16 channel remotes you can control 4, 8 or 16 different receivers separately or any group among the 4, 8 or 16 receivers. Also available in 4 channel timer.

RE103

Specifications

Channels	4, 8, 16, 4T
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes

Keyring Remote



RE110

Specifications

Channels	1
Frequency (MHz)	433.92
Codes	Rolling

Remote Controls



The Navigator Series The Navigator series remotes are the latest offering from the R&D team. They have delivered an elegant and simple design featuring stainless steel edge trim and a near-invisible magnetic wall mount. With all the options of the Pioneer series and almost identical operation, the Navigator series remotes are an excellent addition to our range.



RE301

Specifications

Channels	1
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes



RE302

Specifications

Channels	5
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes



RE303

Specifications

Channels	4, 8, 16 1T, 4T
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes

With the 4, 8 & 16 channel remotes you can control 4, 8 or 16 different receivers separately or any group among the 4, 8 or 16 receivers.

With the 1T & 4T channel remotes you can control 1 or 4 receivers with timer function which can set up 8 different open/close times and also Mon-Fri, or Mon-Sat, or Mon-Sun open/close times.

Remote Controls

3 Series Plus



**NEW
PRODUCT**

306A

The 306A is 2 channel remote with separate button sets for each channel for super simplicity.

Specifications

Channels	2
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes



301-i

The 301i is a single channel remote, but with the clever function of being able to select 25%, 50% and 75% positions between the set limits. This function works with all Alpha WSER and WSERD series motors.

Specifications

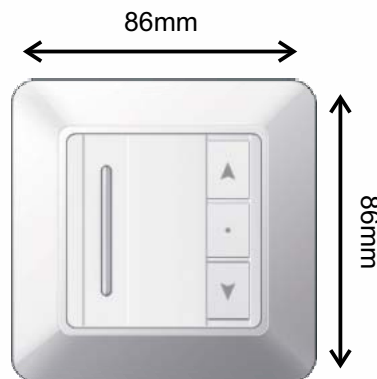
Channels	1
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes



Wall Mount Controls



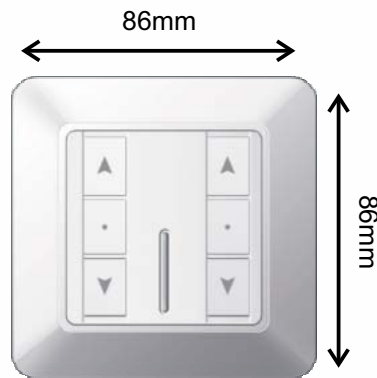
RE201



Specifications

Channels	1
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes

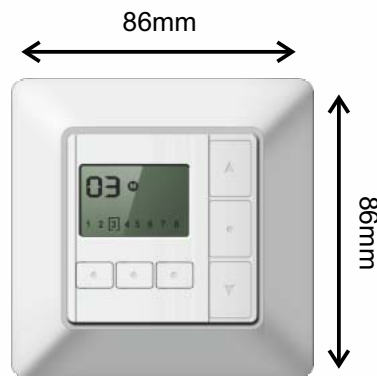
RE202



Specifications

Channels	2
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes

RE203-8C

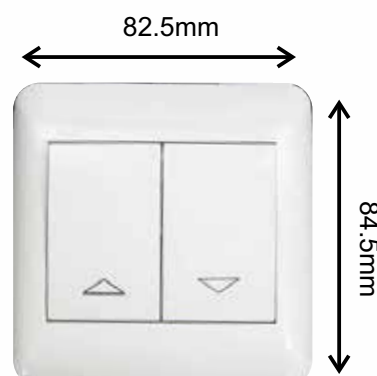


Specifications

Channels	8
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes

Hard Wired Wall Switch

A3012



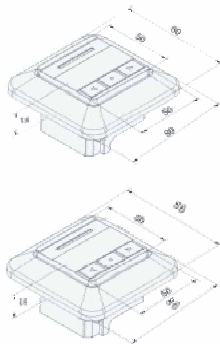
Mechanical locking paddle switch
for WSEC & WSS Series motors



Features:

- Superheterodyne receiving for improved frequency stability
- Each receiver channel can be controlled by 15 remotes
- The Receivers will automatic power-off after 4 minutes to protect the motor

RC201

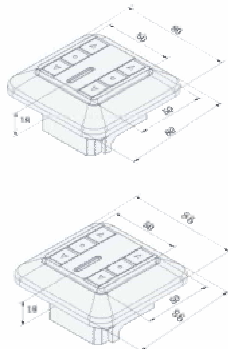


Specifications

Connect with motor	up to 3 units
Frequency (MHz)	433.92
Codes	Rolling
Receiver Power	400W
Voltage	230V 50Hz

Able to operate with a maximum of 15 remotes

RC202

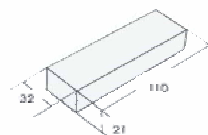


Specifications

Connect with motor	2 units
Frequency (MHz)	433.92
Codes	Rolling
Receiver Power	600W
Voltage	230V 50Hz

Able to operate with a maximum of 15 remotes

RC006

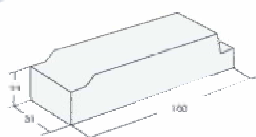


Specifications

Connect with motor	1 unit
Frequency (MHz)	433.92
Codes	Rolling
Receiver Power	400W
Voltage	230V 50Hz

Able to operate with a maximum of 15 remotes

RC008



Specifications

Connect with motor	1 unit
Frequency (MHz)	433.92
Codes	Rolling
Receiver Power	400W
Voltage	230V 50Hz

Able to operate with a maximum of 15 remotes

RE-DCE

relay controlled remote



This device is a single channel remote control that plugs into a power point for permanent power and is controlled by connecting the device to relays in a control system or other switches. There are 4 wires connected this item: common, up, stop and down. When the common wire comes into contact with any of the control wires, the function for that wire will be sent out to any WSER series motors or remote receivers this device is assigned to.

This device allows remote control Alpha motors to be operated by a huge variety of building management systems, automation equipment, press buttons or key turn switches as well as a remote control. This device is not practical for use in setting up the motors it will control. This must be done with a standard remote and the RE-DCE can be assigned to the motor separately for additional control options.

When planning your job with this item, only allow for connection to relays or switches that make contact as long as a button or switch is pressed and release automatically afterwards. Do not use rotary switches or switches that lock into position as the item will continue to send out the signal for as long as contact is made. This could produce unwanted results.



Product Certificates



RE-DCE

Specifications

Channels	1
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes
Voltage	240V 50Hz

RS005 Motion Sensor

for folding arm awnings



Available in black or white

This item attaches to the front channel of a folding Arm Awning at either end. It measures the angle of the front bar and the amount of movement created by wind. When the sensitivity setting is reached, it sends a signal to the awning to close.

When used with a Folding Arm or Cassette Awning motor, it will send a pulse to the motor a few times an hour telling the motor it's there and working. If the motor stops detecting this pulse due to flat batteries or failure, it will automatically retract the awning after about half an hour to both protect the awning and to alert the owner that the motion sensor is not working. Once the pulse is restored (usually by installing new batteries) normal operation will resume.



Although this item will control a Universal motor, the Universal motor does not have the extra protective functions mentioned above if the item stops sending the pulse. The motion sensor is a more reliable method of protection than the Sun/Wind sensors as it responds to actual physical movement of the front bar and not the wind speed detected by a device mounted nearby.

This unit has 9 pre-determined sensitivity settings, but in a feature unique to Alpha, also has the capability of detecting movement created by the installer and setting the sensitivity to that level.

Cannot be used in conjunction with Sun/Wind Sensors.

RS005

Specifications

Frequency (MHz)	433.92
Codes	Rolling
Protection Index	IP44
Power	2x AAA Batteries

Product Certificates



Sun and Wind Sensors

wired & wireless



- Programmable with 5 wind speed and 9 light intensity settings
- Usable as sun and wind sensor where wind overrides sun
- Sun sensor can be disabled if required
- For use with WSER Series motors

RS001

**These devices cannot
be used in conjunction
with Motion Sensors**

Specifications

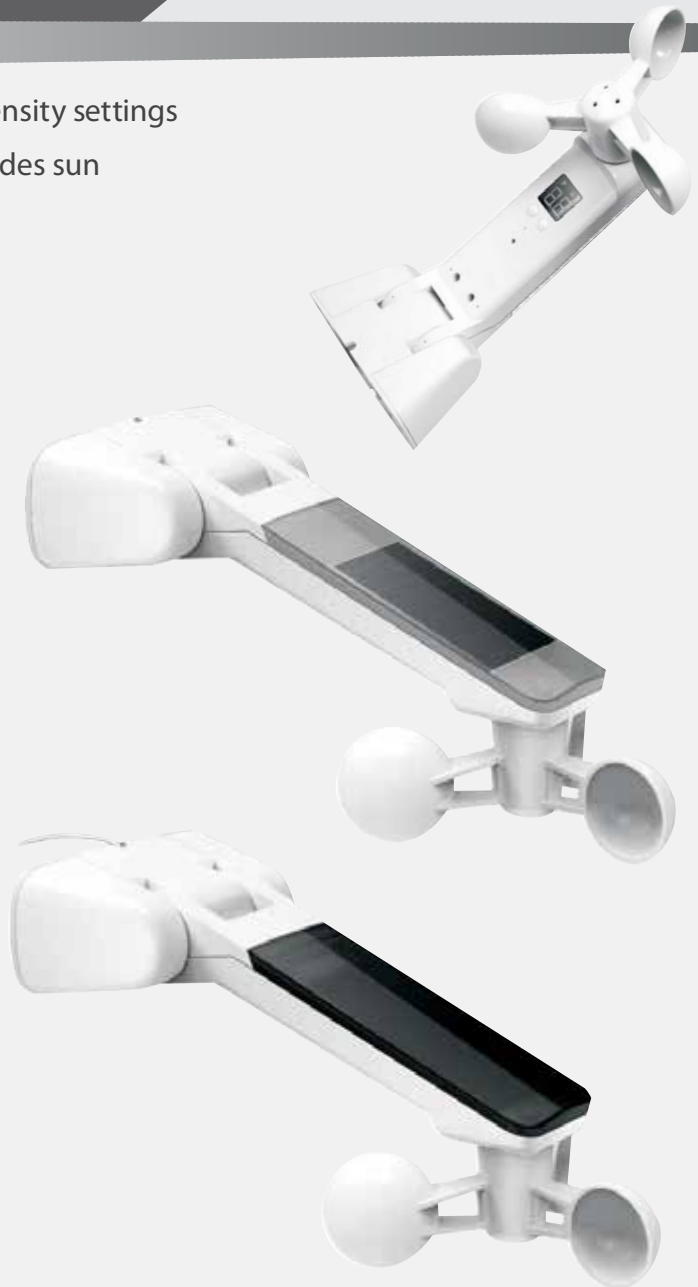
Frequency (MHz)	433.92
Codes	Rolling
Protection Index	IP44
Display	LED
Power	Solar Panel & Rechargeable Battery

RS002

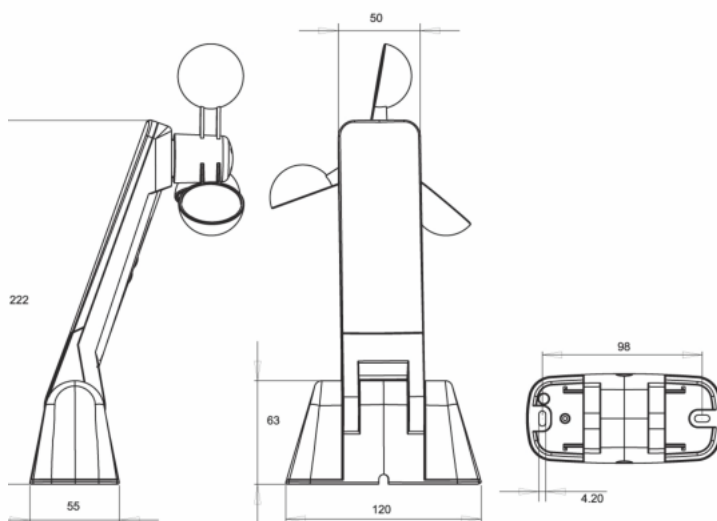
**These devices cannot
be used in conjunction
with Motion Sensors**

Specifications

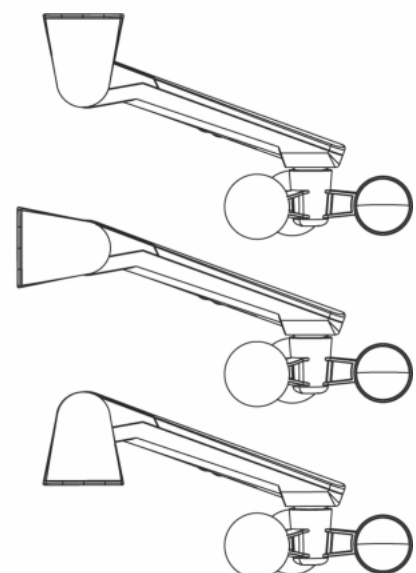
Frequency (MHz)	433.92
Codes	Rolling
Protection Index	IP44
Display	LED
Power	5V DC Power Supply (supplied)



Dimension Drawing



Installation Drawing



Limit Setting Device & Test Lead



WSB01

Limit Setting Device



Specifications

Limit Setting Device Programming Tool

This device is for setting the limits on WSEC series motors.

All buttons are spring loaded so use as a method of powering other motors temporarily while programming is impractical.

WSB12

Test Lead



Specifications

Test Lead

This item allows you run 4 core WSS series motors in either direction while you set limits.

Alternatively you can use it as a temporary means of powering up 3 core remote control motors while you set limits. Switch is locking so it does not need to be held down.



Molex Cables

AM3CM



3 core cable

10M3CM



10 metre 3 core molex

AM4CM



4 core cable

Solar Panel 3 Metre Extension Lead

Extends the difference between WSERD50 15/12 and TYB002 solar panel with battery storage.



Molex Extenders

Extends the difference between Molex tail and motor.

4 core 20cm extension



4 core 60cm extension



Manual Override Motor Accessories

A3018 Crank Handle

This item is for manual override motors, and is 1.2m in length



A3018-3 Crank Handle

This item is for manual override motors, and is 3m in length

A3047 Eyelet



Optional 300mm length motor comes supplied with 100mm version

Folding Arm Motor Guide



In Alpha's current range, we have no offering between 50Nm and 100Nm which is why there is such a large sudden jump in motor size.

The RED 100Nm listings in the 70mm tube section below indicates that this motor is incompatible with a 70mm tube, due to its physical size.

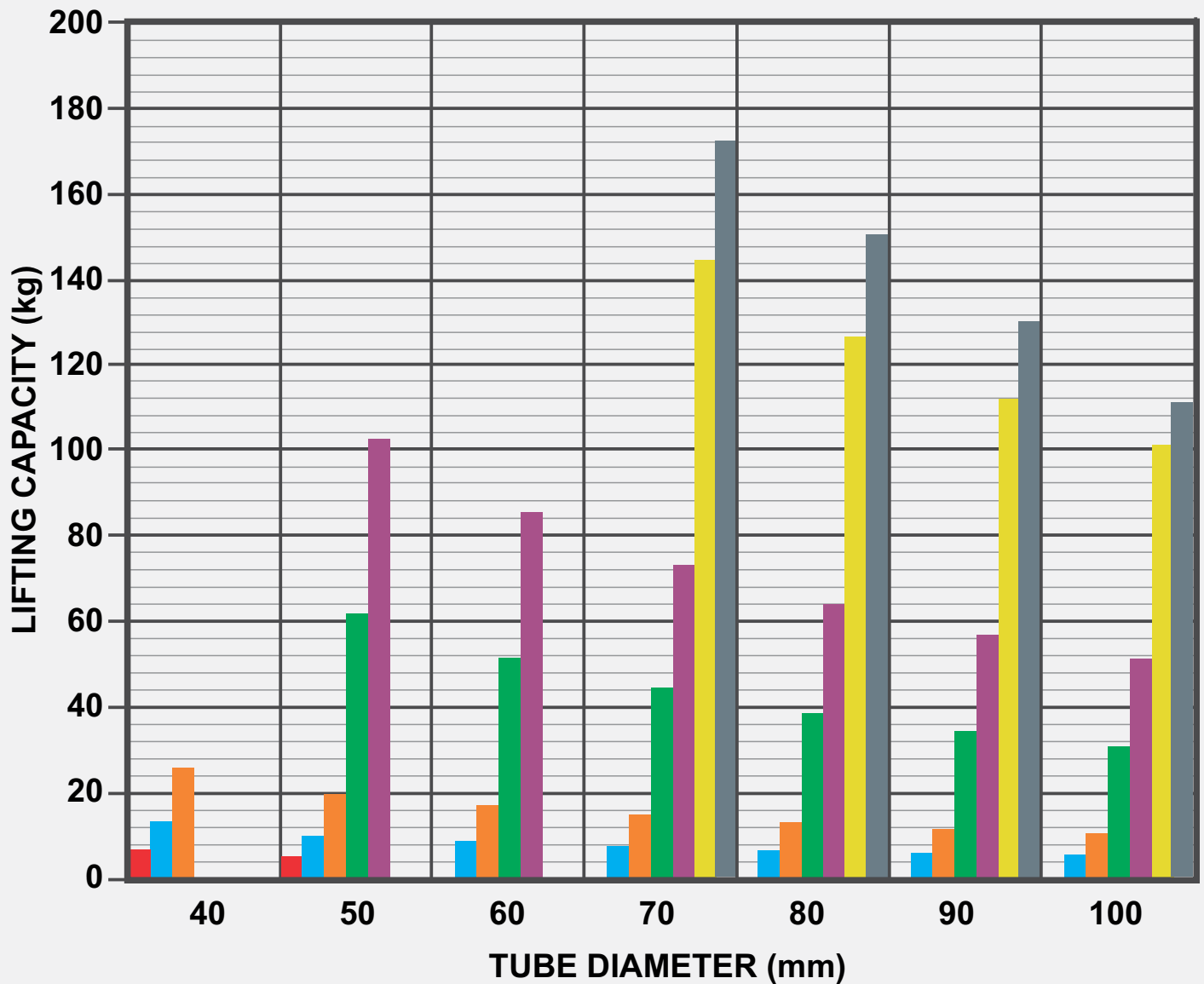
70MM TUBE

NUMBER OF ARMS	2 ARMS	3 ARMS	4 ARMS
UP TO 1.5M PROJECTION	30Nm	30Nm	50Nm
UP TO 2.0M PROJECTION	30Nm	50Nm	50Nm
UP TO 2.5M PROJECTION	30Nm	50Nm	100Nm
UP TO 3.0M PROJECTION	50Nm	50Nm	100Nm
UP TO 3.5M PROJECTION	50Nm	100Nm	100Nm
UP TO 4.0M PROJECTION	50Nm	100Nm	100Nm

78MM TUBE

NUMBER OF ARMS	2 ARMS	3 ARMS	4 ARMS
UP TO 1.5M PROJECTION	30Nm	50Nm	50Nm
UP TO 2.0M PROJECTION	30Nm	50Nm	100Nm
UP TO 2.5M PROJECTION	50Nm	50Nm	100Nm
UP TO 3.0M PROJECTION	50Nm	50Nm	100Nm
UP TO 3.5M PROJECTION	50Nm	100Nm	100Nm
UP TO 4.0M PROJECTION	50Nm	100Nm	100Nm

Motor Lifting Capacity Chart



- 2Nm
- 5Nm
- 10Nm
- 30Nm
- 50Nm
- 100Nm
- 120Nm

To use this chart, simply find your tube size at the bottom of the chart, find the colour that matches the capacity of your motor and check against the weights on the left side.



ECLIPSE AWNING SYSTEMS

SCOTT FREE AWNING SYSTEM

WWW.SCOTTFREEAUST.COM.AU

effective february 2019



SCOTT FREE
(AUST) PTY LTD

your industry partner

9 Distribution Avenue, MOLENDINAR QLD 4214
PO Box 988, NERANG QLD 4211

p: +61 7 56791920 | f: +61 7 56791075
e: sales@scottfreeaust.com.au