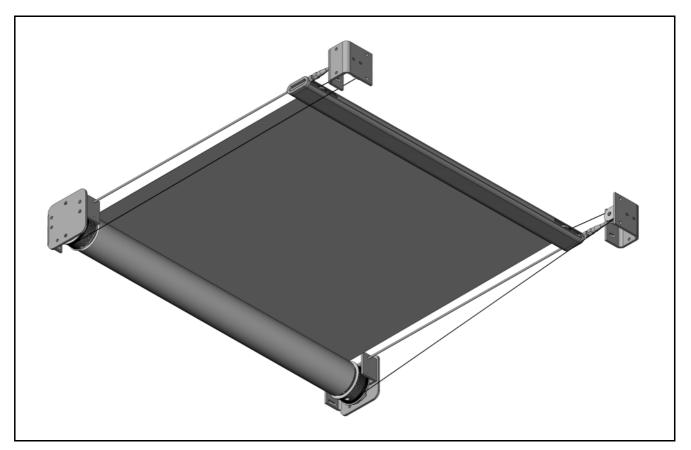


Assembly & Fitting Manual

December 2006



Silent Gliss[®] Skylight Shading System 8600 SGGB Version January 2007



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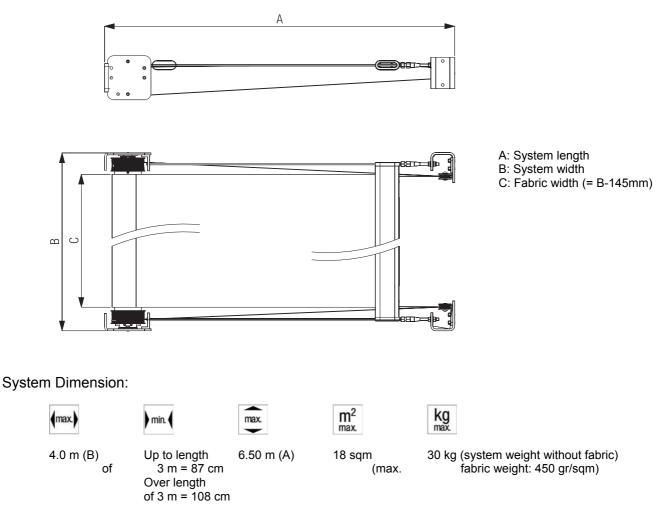
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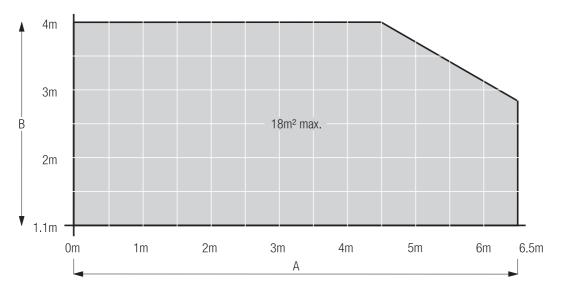
Product Information

Outline Drawing / Measures

How to measure:



Loading Chart:

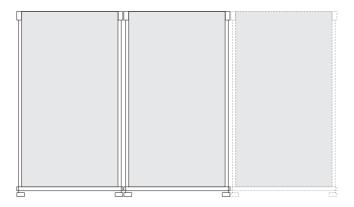




System Configurations

Single system:

Multiple system (each system requires its own motor):



Installation:



Vertical section of longitudinal axis (A)

A) Installation possible at any angle (0-360°) along the center line of the roller tube

- Vertical section of diagonal axis (B+C)
- B) System can only be installed horizontally
- C) System cannot be installed inclined

Motor position: Standard side is left! <u>Motor side right</u> can also be ordered but with some <u>extra costs</u> because of a special spring:

Μ

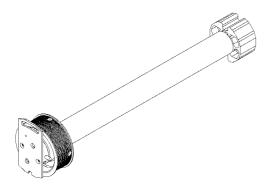
Standard: Motor on the left side!

Μ

Motor on the right side



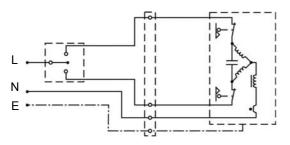
Technical Data Motor:



Voltage:	120V / 230V
Torque:	15Nm / 15Nm
Frequency:	60Hz / 50Hz
Power:	130W / 140W
Current:	1.1A / 0.65A
Speed:	18rpm / 17rpm

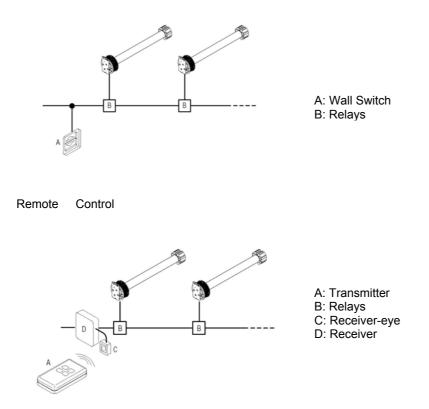
Thermal overload protection Mechanical end stop The motor will be supplied with 2.5 m cable (white) without plug

Wiring:



Operating Methods:

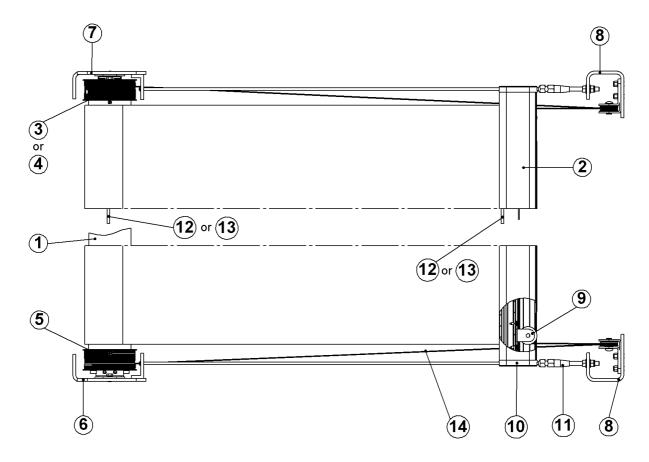
Fixe d wall switch





Assembling

Overview Wall Fix:

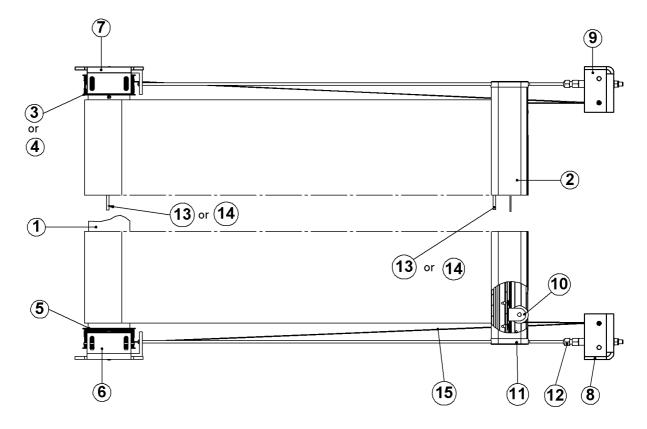


Parts-List Wall Fix:

1	Tension wire 1.5mm	14		8619
2	Fabric insert 6mm	13		8618
2	Fabric insert 5mm	12		8617
2	Wire guide set	11		8616
2	Bottom bar end cap set	10		8615
2	Bottom bar pulley set	9		8614
2	Pulley bracket wall left / right	8		8613
1	Roller bracket wall right	7		8612
1	Roller bracket wall left	6		8611
1	Motor set	5		8605
1	Spring set long	4		8604
1	Spring set short	3		8603
1	Profile	2	AlMgSi 0.5	8602
1	Profile	1	AlMgSi 0.5	8601
Stück Piece	Тлы	Pos. Pos.	Werkstoff Material	Teilenummer part number



Overview Ceiling Fix:



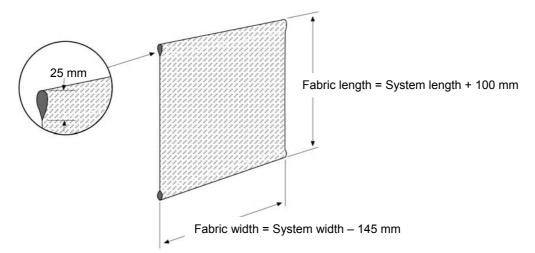
Parts-List Ceiling Fix:

1	Tension wire 1.5mm	15		8619
2	Fabric insert 6mm	14		8618
2	Fabric insert 5mm	13		8617
2	Wire guide set	12		8616
2	Bottom bar end cap set	11		8615
2	Bottom bar pulley set	10		8614
1	Pulley bracket ceiling right	9		8609
1	Pulley bracket ceiling left	8		8608
1	Roller bracket ceiling right	7		8607
1	Roller bracket ceiling left	6		8606
1	Motor set	5		8605
1	Spring set long	4		8604
1	Spring set short	3		8603
1	Profile	2	AlMgSi 0.5	8602
1	Profile	1	AlMgSi 0.5	8601
Piece	Titel	Pos. Pos.	Werkstoff Material	Teilenummer part number

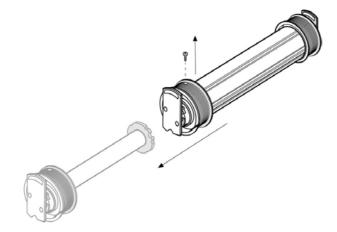


System preparation

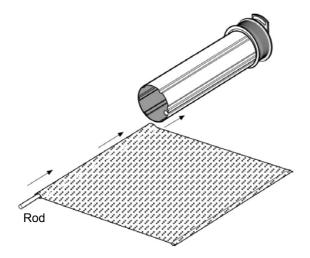
1 Fabric making up: The fabric should have a 25 mm pocket (welded) on both sides



2 Remove the spring from the tube

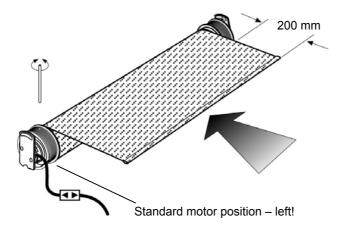


3 Insert the fabric into the groove of the tube with 5 or 6 mm rod. Then fix the spring back into the tube

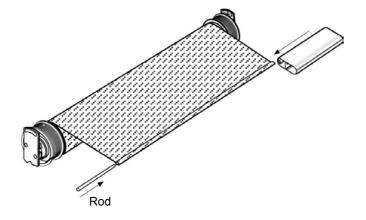




4 Wind the fabric onto the roller. <u>Important</u> – standard system – motor on the left as shown. Therefore the system will always be delivered with the motor positioned on the left as a standard. When ordering systems with motor positioned on the right it will be charged at extra costs due to the special spring required.



5 Insert the fabric into the groove of the bottom bar with 5 or 6 mm rod.

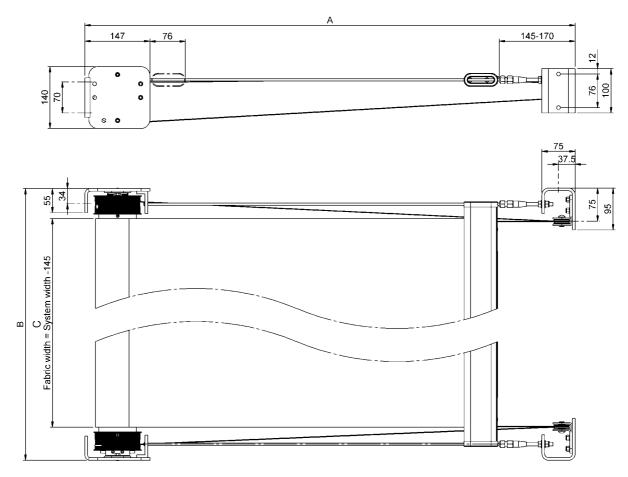




0

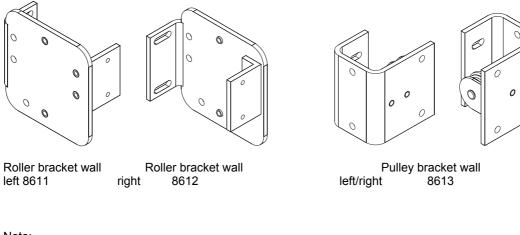
6a Fixing of brackets for Wall-/Back Fix

Measur e Drawing:



Note: Brackets can either be fixed onto the sidewall or onto the back wall or even mixed.

Bracket sets for Wall-/Back fix:



Note:

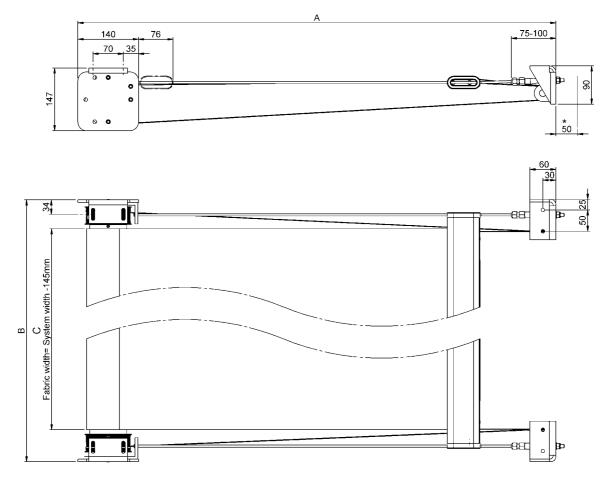
System weight (without fabric): max. 30 kg Pulling force per bracket: typical 100

typical 100 kg



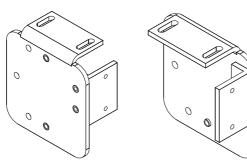
6b Fixing of brackets for **Ceiling Fix**

Measur e Drawing:

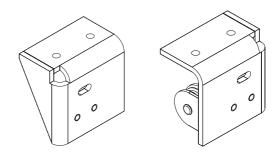


* Note: Ceiling fix return pulley requires 50 mm back clearance!

Bracket sets for Ceiling fix:



Roller bracket ceiling
left 8606Roller bracket ceiling
8607



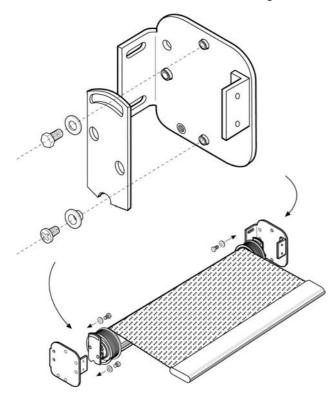
Pulley bracket ceilingPulley bracket ceilingleft8608right8609

Note:

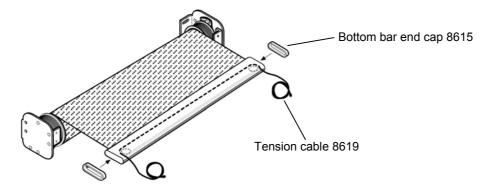
System weight (without fabric):	max. 30 kg
Pulling force per bracket:	typical 100 kg



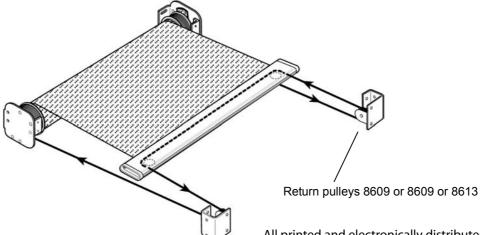
7 Fit the roller rlind between the mounting brackets



8 Pull the tension cable through the bottom bar and fit the end caps



9 Pull the tension cable through both return pulleys and back to the cable drums



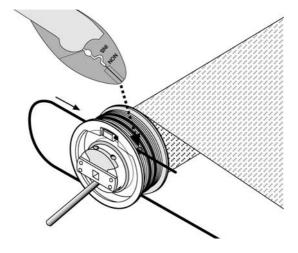


10 Fixing of the tension cable onto the drums

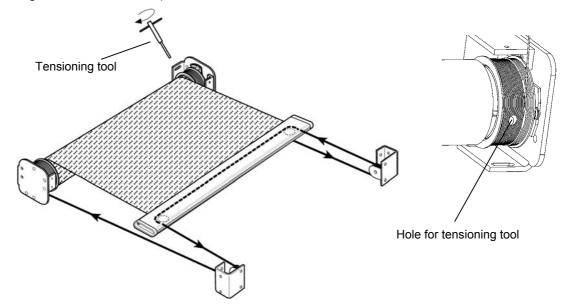
-Wind 2 turns onto the drum on motor side

-Insert the cable into the drum and through the locking device on motor side and check the cable will not pull out -Check the correct position of the cable on the grooves

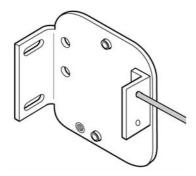
-Do the same on the drum on the spring side and leave about 500 mm slack



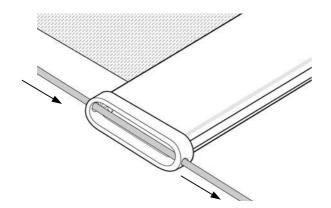
11 Cut off excess tension cable and adjust light tension by using the tensioning tool (provided together with the blind)



12 Insert the end of the guide wire through the upper mounting bracket hole

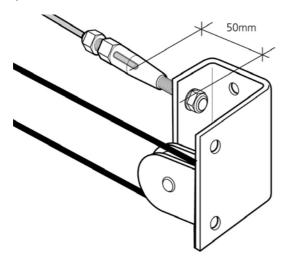




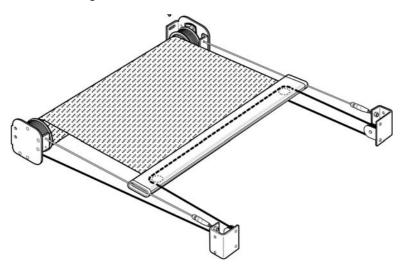


13 Pass the guide wire through the bottom bar end cap

14 Cut the wire to length and attach it to the return pulley bracket. Then tension the guide wire (Refer to the wire manufacturer's instructions enclosed)

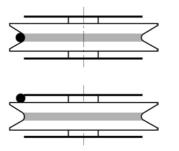


15 Finish fixed guide wire

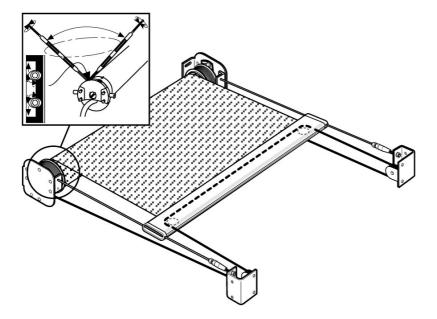




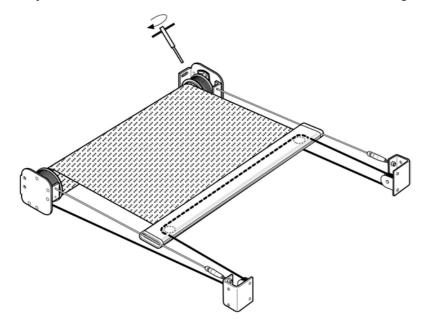
16 Check before the final commissioning that the tension cable sits correctly on all pulleys



17 Set the limit positions (Refer to the motor manufacturer's instructions enclosed)

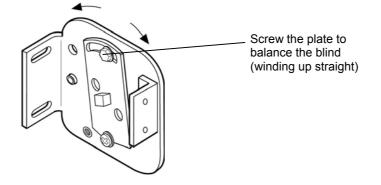


18 Adjust the final tension to the blind. 10 to 20 turns according to the system size

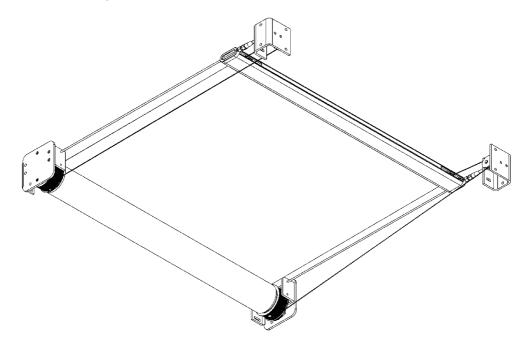




19 Track the blind using the built-in swivel plates both sides



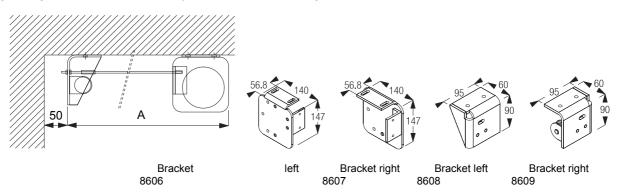
20 Finish fitted system



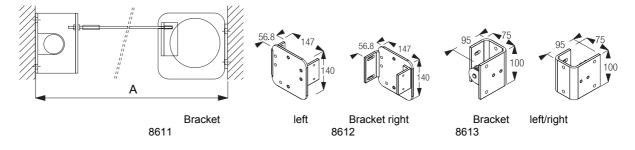
Fitting / Maintenance / Ordering

Fitting Options

Ceiling fitting with roller- and pulley brackets left and right



Wall fitting with roller brackets left and right and pulley bracket left/right



Maintenance

The tension system contains no serviceable parts. Where required, replacement components should be sought from the supplier of the equipment.

A regular 6 monthly inspection of the blind system is recommended:

Visual inspection:

Check for the fabric damage, foreign objects that would impede the operation of the blind, tension cable wear or damage and free running of all pulleys within tension system. **Fixings:**

Ensure all fixings are tight.

Operate blind via test switch:

Ensure correct fabric tracking and stopping position of fabric. Adjust as necessary. **Electrics:**

Check all wiring for loose connectors or damaged cabling. Where fitted, check operation of any automatic devices such as wind over-ride.

The above is meant as an indication of the maintenance requirements of the system. For further details or queries, please refer to your original supplier.



System Ordering

Order Sheet 8600 in English or German Language, available on the SG Intranet/Technical Database

								E.	CilorelOline
								<u></u>	SilentGliss
Silent Gliss 8600 Order Sheet	Fabric order to be System order to be			Silent	Gliss	Fabrics	s and Components; Ema mail: emma iobnson@qu	il: Info@sgfabco.com; Fax: 00 uthriedouglas.com; Fax: 0044	149 7621 6607 710
Rev. October 06	System of der to be			Outin		-		· · ·	1520 652 514
Ordered by: x Address: x		Order No.: Proj. Ref.:					Deliveryaddress:	Date required:	x
Address: x x		Date:	x				x x		
Contact: x							×		Makes and Character (1970)
Ordering details (measures in cm) System	Fabric	Motor	Roller	bracket	Pulley	bracket	Profile-/Bracket colour	Fabric type/colour	Motor side-Standard left!
Pos. Qty. Length (A) Width (B) Lengt	h(A+10) Width(B-14.5)	230V/120V	с	W	c	W	Standard 9016!	<i>·</i> ··	
		•							
System measures:	Fabric confectioning					Cailin	q fix C:	Wall fix W:	
System measures.		Fabric lengt				Cenní	jiix C.	vvan nx vv.	
System length A	2,5 cm			2,5 cm		PL	illey bracket	toller bracket Pulley bracket	
	T T T								
System width B	Fabric width					.			
stem	abric								
Ś.	+					5 cm	System length A		stem length A
Diagram system measures:	Additional ske	etcnes (Hittin	g side-	b y- sidi	e, oriei	ntation	of the system, etc.) or co	omments:	
	+-+								
H 3	\square								
2 2 2									
	—								
0 1 2 3 4 5 System length A in m	6 6.5								
Min. width: Up to length of 3.0 m = 87 cm									
Min. width: Over length of 3.0 m = 108 cm Max. area: 18 m2									

Address Guthrie Douglas:

Guthrie Douglas Limited 12 Heathcote Way, Heathcote Industriel Estate Warwick, CV34 6TE United Kingdom Phone: +44 (0) 1926 452 452 Fax: +44 (0) 1926 832 914 E-mail: <u>sales@guthriedouglas.com</u>

Technical Support: Emma Johnson E-mail : <u>emma.johnson@guthriedouglas.com</u>