



JR A-SERIES:
COMMERCIAL & DOMESTIC PATIO AWNINGS



A 1 0 1

P A T I O A W N I N G S



U S E R G U I D E



Many thanks for purchasing this JR product by James Robertshaw & Sons Ltd.

Precise attention and adherence to this product User Guide before operation of these products is essential for trouble-free, continuous operation. To ensure safety, it is important to follow this User Guide. None compliance with this User Guide releases the manufacturer from any liability and obligation.

Please comply with all notices on the product and packaging.

We request that you safeguard this User Guide and pass onto the new owner in the event that the awning is sold.

EXPLANATION OF THE NOTICES

Safety notices and important information can be found at the appropriate place in the text. They are identified with a symbol.



This symbol identifies notices that are important for safety and awning operation.



This symbol indicates important product information for the user.

SAFETY

All James Robertshaw awnings are designed and manufactured in conformity with the provisions of the EN 13561 standard.



The product may only be operated in accordance with its intended use, with an awareness of health and safety under observance of this User Guide. **Defects that could impair health and safety are to be rectified immediately.**

PROPER INTENDED USE

James Robertshaw Patio Awnings are primarily used as protection from the sun. In addition they can be used as protection against rain (for further details please refer to the **OPERATION** section). Any other usage is regarded as **not** the intended use. James Robertshaw are not liable for damage occurring as a result.

No modifications, extensions or conversions on Patio Awnings may be performed without the approval of the manufacturer. Parts of Patio Awnings not in perfect condition are to be exchanged immediately.

Only original spare parts supplied by James Robertshaw may be used, none compliance with this will void any guarantee(s).



Additional loading on the Patio Awning can lead to damage of the Patio Awning and is therefore not permitted. Installation and maintenance work may only be performed by a qualified person.

James Robertshaw accept no liability for damage resulting from this non-intended use.

OPERATION

General safety information for the operation of Patio Awnings.



The operation of Patio Awnings may only be carried out by persons who have received instruction by a trained operative. Children should not operate the awning.

When retracting or extending the awning, avoid all contact. Do not walk on, or apply anything to the fabric. No objects or weights may be attached to the Patio Awning.

Do not lean anything onto the Patio Awning.

When working within the projecting area of a Patio Awning, the automatic control (Sun & Wind) must be switched off, so that the Patio Awning cannot extend or retract automatically.

Patio Awnings should be retracted when not in use.



With ice, snow or strong winds, Patio Awnings may not be used. The awning must be completely extended with the minimum pitch inclination set at 15° or greater.

The side awning (optional extra) is to be removed before the Patio Awning is retracted. The variable valance (optional extra) must be rolled in before the Patio Awning is retracted.

If the awning fabric becomes moist or even wet, the Patio Awning must be extended as soon as possible in order to dry.

OPERATING THE PATIO AWNING WITH HAND CRANK

Extending the awning

Hook the hand crank into the transmission eye and extend awning to the position required or completely by turning the crank in a clockwise direction.

The fully extended awning limit is set within manufacture. As a result, the awning fabric always remains tensioned. If the awning fabric loses tension, the tension is to be restored by retracting the Patio Awning.

Retracting the awning

Hook the hand crank into the transmission eye and turn in an anti-clockwise direction until the awning is closed.

On reaching the limit, do not continue to turn the hand crank inside and outside with force.

OPERATING THE PATIO AWNING WITH AN ELECTRIC MOTOR

A qualified person must train the user in operating the electric motor during the course of installation.

Extending the awning

Press the Down arrow to extend the Patio Awning to the required degree of shading. The end position is reached when the motor switches off.

Retracting the awning

Press the Up arrow to retract the Patio Awning to the required degree of shading. The end position is reached when the motor switches off.

CLEANING & CARE

- Use suitable climbing aids.
- Do not use any high-pressure cleaner, scouring agent or scouring sponges for cleaning.
- Solvents may not be used.

CLEANING THE PRODUCT

Dirt can be removed from the Patio Awning with a soft brush or hand brush, mild detergent and warm water.
Clean the awning fabric with a soft brush and warm water only – any form of detergent may erode the Teflon coating on the fabric.
After cleaning, the awning fabric must be dried.

MAINTENANCE

The Patio Awning should be serviced regularly by a qualified person and is to be examined for signs of wear and tear to fabric and system on a regular basis.

If there is a fault, then the specialist retailer or a suitable service provider is to commission a repair from James Robertshaw or one of its approved agents.

Patio Awnings in need of repair may not be used.

REMOVAL

Only allow removal to be carried out by James Robertshaw or one of its approved agents.

PRODUCT INFORMATION

TECHNICAL DATA



The dimensions and technical details of the Patio Awnings can be reviewed on the website www.jamesrobertshaw.co.uk.

Data for the electric drive: **Mains voltage 230V AC**

Current consumption: **0.45 to 2.1 Ampere (depending on drive)**

Power consumption: **90 to 460 Watt (depending on drive)**

Class of protection for electric drive: **IP 44**

Continuous operation motor: **approx. 4 minutes**



The electric motor is not designed for continuous operation. After approximately 4 minutes of operation, the thermal protection engages and the motor switches off. After 15-30 minutes the motor is operational again, however within 1-2 minutes the renewed actuation time is significantly reduced.

WIND LIMITS

Depending on the quality of the product, awnings are classified according to DIN EN 13561 Point 4.3. into wind resistance classes. The higher the class, the higher the quality of the product.12)

NOISE EMISSIONS

The noise level of this awning, in a non-installed state, measured according to EN ISO 12100-2:2003, is below 70dB(A).

WIND LIMITS

WIND RESISTANCE CLASS	DESCRIPTION	BEAUFORT SCALE WIND FORCE	WIND SPEED
CLASS 0	UNDEFINED; PRODUCT UNTESTED OR UNSUITABLE		
CLASS 1	GENTLE BREEZE	4	20-27 km/h
CLASS 2	FRESH BREEZE	5	28-37 km/h
CLASS 3	STRONG BREEZE	6	38-48 km/h

JR A101: WIND CLASSES

PROJECTION (mm)	1500	2000	2500	3000	3500	4000
BOBCAT 250	2	2	2			
CHEETAH	3	3	2	2		
PUMA	3	3	2	2		
SUNBOX		2	2	2	2	
ZEPHYR	3	3	3	2	2	
JAGUAR (NO VARIABLE VALANCE)	3	3	3	3	3	3
JAGUAR (WITH VARIABLE VALANCE)	3	3	3	3	2	
PANTHER (NO VARIABLE VALANCE)	3	3	3	3	3	3
PANTHER (WITH VARIABLE VALANCE)	3	3	3	3	2	
COUGAR (NO VARIABLE VALANCE)	3	3	3	3	3	3
COUGAR (WITH VARIABLE VALANCE)	3	3	3	2	2	

This User Guide is for the following JR A101 products by James Robertshaw & Sons Ltd.

Product Identification

BOBCAT 250



CHEETAH



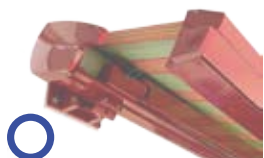
PUMA



SUNBOX



ZEPHYR



JAGUAR



PANTHER



COUGAR



Ask us about our other JR Products



JR A-SERIES:
COMMERCIAL & DOMESTIC
PATIO AWNINGS



JR S-SERIES:
SHADE SAILS



JR P-SERIES:
PARASOLS & UMBRELLAS



JR K-SERIES:
ROMAN & WOODWEAVE BLINDS



JR CW-SERIES:
CANOPIES & WALKWAYS



JR SK-SERIES:
SKYLIGHT BLINDS



JR R-SERIES:
ROLLER BLINDS



JR M-SERIES:
PLEATED BLINDS



JR E-SERIES:
SCREENS (SERVAL &
CAFE BANNERS)



JR T-SERIES:
PANEL BLINDS



JR S-SERIES:
SHADE SAILS



JR N-SERIES:
VENETIAN BLINDS



JR N-SERIES:
VENETIAN BLINDS



JR V-SERIES:
VERTICAL BLINDS



JR W-SERIES:
ALL WEATHER HOSPITALITY



JR R-SERIES:
ROLLER BLINDS

EC Declaration of conformity according to the machinery directive 2006/42/EC

(Applies to motorised operation only)



WO&WO Grün GmbH
Hafnerstrasse 193
A – 8054 Graz

Designation of the Product: **Patio Awning (Also known as Folding-Arm)**
Intended purpose: **Awnings for outdoor use**
Corresponds to the provisions set forth in the Machinery Directive 2006/42/EC if featuring a motor drive.

The following standards are applied:
EN 13561 External blinds – Performance requirements including safety
EN 60335-2-97 Household and similar electrical appliances – Safety
EN 12045 Shutters and blinds, power-operated

Conformity with the following Directives:
Electromagnetic Compatibility Directive 2004/108/EC
Compliance with the safety objectives set forth in the Low Voltage Directive 2006/95/EC was ensured according to Annex I, No. 1.5.1 of the Machinery Directive 2006/42/EC.

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Ulrich Schinhan, Authorised representative

JAMES ROBERTSHAW ORDER REF. NO	
DATE OF INSTALLATION	
INSTALLATION COMPANY	
INSTALLATION OPERATIVE	