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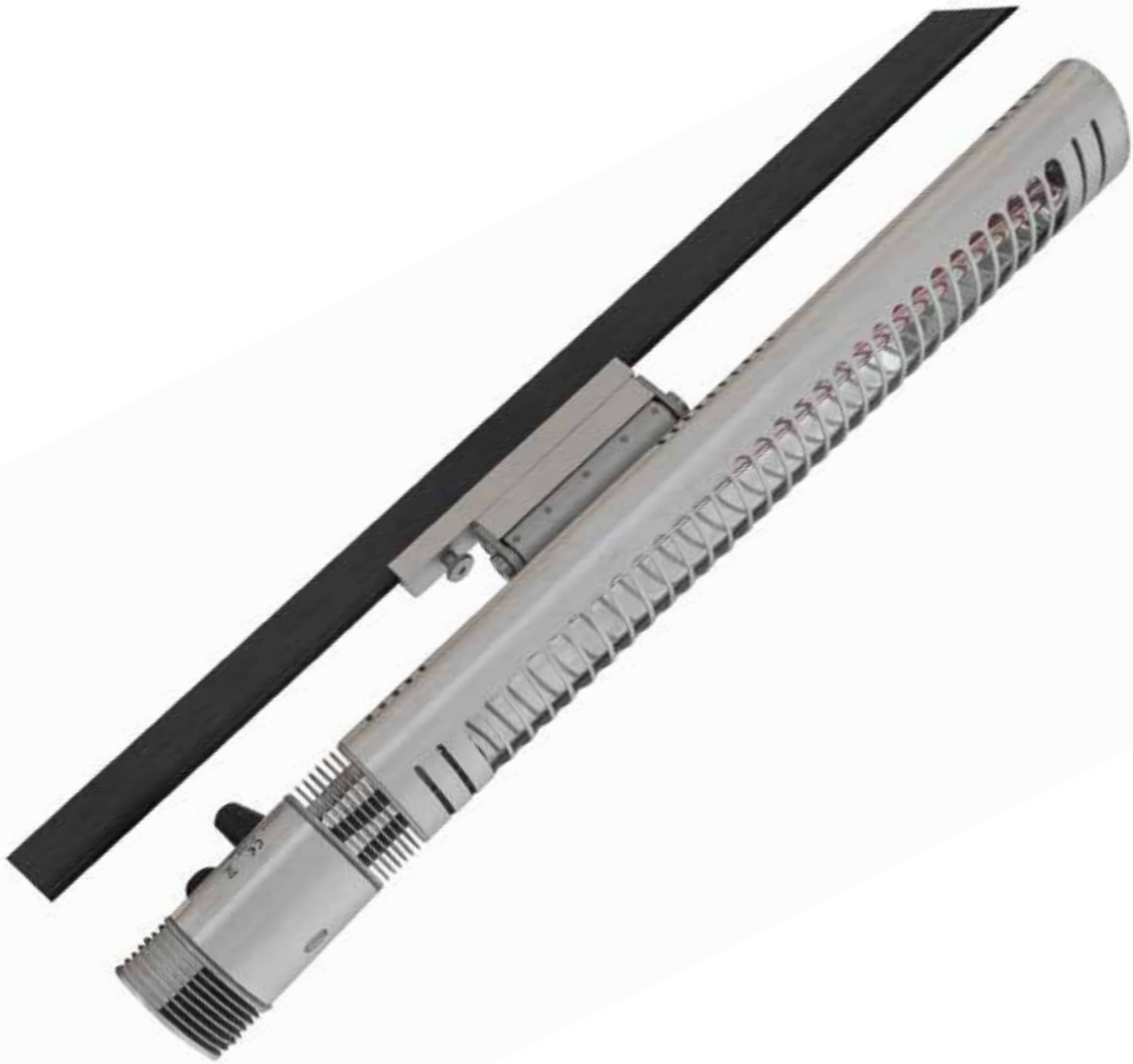
OPERATING INSTRUCTIONS

HEATING RADIATORS



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This manual contains all important information about the heating radiators of our parasols. Please do not toss this instruction manual.

WARNINGS

- Please read this manual carefully and follow all safety instructions.
- If you have any questions, please contact us.
- The necessary electrical work should be carried out by an approved specialist company.
- In case of non-compliance with the given instructions, the manufacturer assumes neither liability nor warranty.



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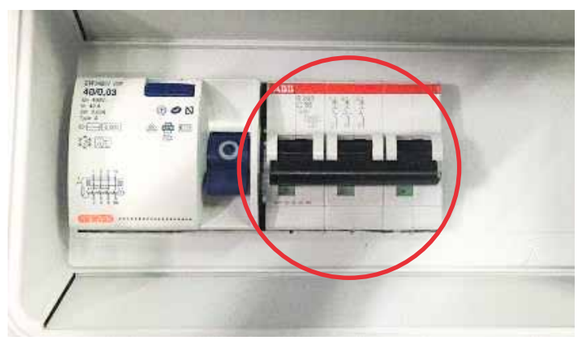
MOUNTING THE HEATING RADIATORS TO THE UMBRELLA SUPPORT SPOKES

1. Please make sure that the power supply of the umbrella is switched off. (The switch is located in the External Control Unit - which is not part of the supply scope).



Note:
The heating radiators must be mounted to the middle support spokes. An installation on the diagonal spokes can lead to damages to the umbrella. In case of round umbrellas, an even distribution to the support spokes should be observed. No matter which umbrella model is selected, the radiators should always be distributed evenly to the support spokes. More detailed information on the position of the radiators on the support spokes can be found in the Supplement.

2. Slide the heating radiator with the cable facing downwards into the support spoke of the closed umbrella.

Note:
Loosen the fixing screw far enough so it doesn't jam while sliding in the bracket







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3. Slide the radiator upwards on the support spoke. Tighten the fixing screw so that the radiator remains in it's final position.



x = possible installation height (refer to model-related tables on the Supplement)

4. Connect the radiator's plug to the nearest socket. Lead the cable along the right side of the support spoke to which the radiator is mounted.



5. After inserting the plug into the socket, turn it clockwise until the yellow spring slider snaps and the plug can no longer drop out.



Note:
For disconnecting the plug, pull the yellow spring slider down and turn the plug counterclockwise until it can be pulled out of the socket.

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MOUNTING THE HEATING RADIATORS TO THE UMBRELLA SUPPORT SPOKES

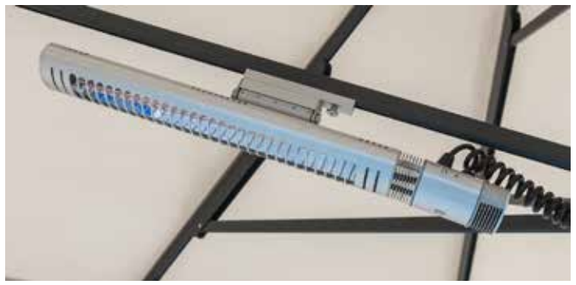
WARNING:
Make sure that the plugs are entirely engaged prior to switching on the power supply. Also, don't disconnect the plugs while the power supply is switched on. Disregard of this warning may lead to the plugs and sockets getting charred and thus destroyed. Damages caused by this are not covered by our warranty.

6. Switch on the power supply only after all radiators have been completely mounted and connected.

Dismounting the heating radiators
For dismounting the radiators, carry out the installation steps 1.1 through 1.6 in reverse order. Please make sure that the power supply is switched off in the External Control Unit.

OPENING THE UMBRELLA AND SWITCHING ON THE RADIATORS

1. Turn the radiators from the swung aside position back until they face downwards in the opened umbrella (When opening the umbrella after initially mounting the radiators, they are already in the correct position since they are slid in this way).



Note:
When opening the umbrella, make sure that the radiators are not positioned too close to the center pole so that they cannot collide with the umbrella's movable parts. Particular caution is required in case the umbrella is equipped with LED lighting.

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OPENING THE UMBRELLA AND SWITCHING ON THE RADIATORS

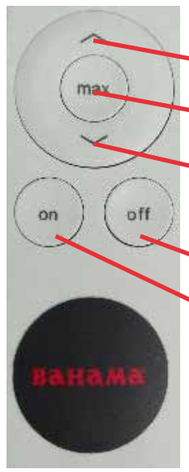
2. When the umbrella is fully opened and tensioned, the radiators may be switched on via the switches on their back.

3. The control lamps light up blue and the radiators are ready for operation.



4. The heating radiators can now be operated using the remote control (the control lamps light up red).

Note:
All radiators can be operated by one and the same remote control. Should a radiator not respond, change your position towards it and press "on" again.



Heat level up

Maximum performance

Heat level down

Radiator off

Radiator on

There are six different performance levels: 33%, 50%, 66%, 80%, 88%, 100%.

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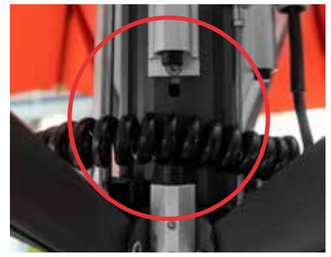
OPENING THE UMBRELLA AND SWITCHING ON THE RADIATORS

WARNING: When the radiators are in operation, any physical contact should be avoided since the radiators' metal bodies become extremely hot.

IMPORTANT: In case the umbrella is also equipped with LED lighting, make sure that, when opening the umbrella, the radiator's spiral cable does not get jammed at the spot marked in the picture.



SWITCHING OFF THE RADIATORS AND CLOSING THE UMBRELLA

1. Switch off the radiators via the remote control (the control lamps light up blue again).

2. Check whether all radiators have responded and have been switched off.

Do **NOT** immediately touch the radiators after switching them off and do **NOT** immediately close the umbrella. The radiators require **approx. 10-15 minutes** until they have sufficiently cooled down.

3. Tilt the radiators by 90° to the side.

4. Begin to slowly close the umbrella.



Note:
Should some of the radiators still be in operation, again point the remote control towards them and press "off".

Note:
Please tilt the radiator either to the left or right side (the direction depends on the position of the spiral cable. Make sure that the cable does not get jammed).

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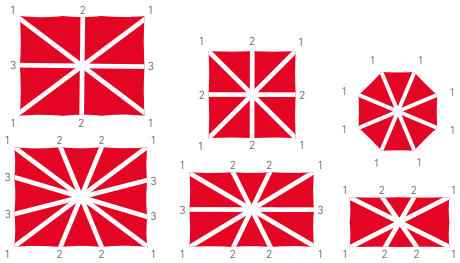
SUPPLEMENT FOR THE POSSIBLE RADIATOR INSTALLATION HEIGHT



Depending on the design of the umbrella, the support spoke lengths differ. The table shows which pictogram represents the design of your umbrella. The values in the table describe the possible installation height in the respective support spokes.



	Round umbrellas							
Umbrella diameter	ø 3.0 m	ø 3.5 m	ø 4.0 m	ø 4.5 m	ø 5.0 m	ø 5.6 m	ø 6.3 m	ø 7.0 m
Distance from start of support spoke 1 min/max	250/770	250/760	250/800	250/740	250/460	250/450	250/450	250/450



	Square umbrellas				
Umbrella size	3.0 x 3.0 m	3.53 x 3.53 m	4.0 x 4.0 m	4.5 x 4.5 m	5.0 x 5.0 m
Distance from start of support spoke 1 min/max	x/x*	x/x*	x/x*	x/x*	x/x*
Distance from start of support spoke 2 min/max	250/760	250/760	250/810	250/740	250/460



	Rectangular umbrellas							
Umbrella size	3.0 x 1.5 m	3.5 x 3.0 m	4.0 x 2.0 m	4.0 x 3.0 m	4.0 x 3.5 m	4.5 x 3.0 m	4.5 x 3.5 m	4.5 x 4.0 m
Distance from start of support spoke 1 min/max	x/x*	x/x*	x/x*	x/x*	x/x*	x/x*	x/x*	x/x*
Support spoke 2	250/290	250/660	250/500	250/680	250/710	250/670	250/660	250/750
Support spoke 3	-/-	250/700	-/-	250/560	250/740	250/690	250/690	250/780



	Rectangular umbrellas						
Umbrella size	5.0 x 2.5 m	5.0 x 3.0 m	5.0 x 3.75 m	5.0 x 4.0 m	6.0 x 3.0 m	6.0 x 4.0 m	6.0 x 4.5 m
Distance from start of support spoke 1 min/max	x/x*	x/x*	x/x*	x/x*	x/x*	x/x*	x/x*
Support spoke 2	250/650	250/750	250/620	250/730	250/860	250/390	250/1110
Support spoke 3	-/-	250/470	250/390	250/280	250/390	250/420	250/600

x/x* = not suitable for installing the heating radiators



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