



# JBL PROTEMP b40

Undergravel heating for fresh and saltwater aquariums

Suitable for:



- Undergravel heating for ideal plant growth in aquariums: modelled on nature, thermal water flow through the bottom covering, promotion of root formation and growth. For aquariums from 200 up to 400 l (approx. 100 -150 cm length)
- Easy to install: place 7 m heating cable in loops on the bottom panel of the aquarium, fasten with suction cups
- Biological filter: creates seeping nutrition sources in the substrate modelled on nature – ideal supply for the plants. Prevents putrefaction zones caused by stagnant water
- Energy-efficient and safe: silicone-covered heating cable with energy-efficient, electronic transformer with 12 V extra low safety voltage
- Package contents: undergravel heating cable for aquariums, incl. electronic transformer, 7 m heating cable, 2 x 2.2 m PTC resistor, 30 x suction cups

You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/60417>



**JBL Cooler 100**  
 Cooling fan for fresh- and saltwater aquariums



**JBL CoolControl**  
 Thermostat to regulate cooling fan





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Spare parts



## JBL slotted suction cup, 2mm

Holder for heating cables in aquariums and terrariums



## JBL adapter UK for all flat-pin plugs



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## Product information

### Water circulation


Aquatic plants grow better in the wild when they have access to seeping nutrition sources. The plants absorb their food from these sources. The gentle undergravel heating causes the warm water to rise and the cold water, full of dissolved nutrients and minerals, sinks to the bottom. This creates a thermal water circulation, which washes the nutrition directly to the roots.

### Easy to install

Place the heating cable in even-sized loops on the cleaned bottom panel when beginning to set up the aquarium. Fasten the heating cable with the enclosed suction cups. Bring the cold leads of the cable out of the aquarium and connect them to the transformer.

### Hazard-free use

The heating cable is silicone coated and works with an energy-efficient 40 W transformer and 12 V extra low safety voltage for hazard-free use. The transformer needs to be mounted in a well ventilated and splash water proof place. The undergravel heating results in a slight warming of the substrate, but it is no substitute for the main heating of the aquarium.

Further information	
FAQ	✓
Blog	✓
Press	✓
Laboratory/calculator	✗
Worth reading	✓
Spare parts	✓
Video	✓
GarantiePlus	✗
Instructions	✓
QR code	





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Food type	-
Sub product type	-
Dosing	-

