



# JBL PROTEMP e300

External heater for all aquariums from 90 to 300 l

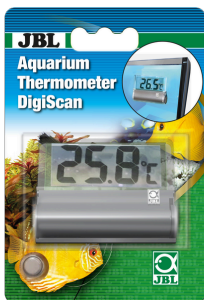
Suitable for:



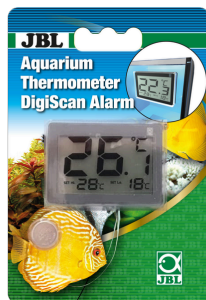
- In-line heater integrated into the hose of the external aquarium filter, removing the need for a heater INSIDE an Aquarium
- Easy installation: cut through the hose from the external filter that feeds the water back into the aquarium, insert the external heater in between, insert the plug and set the water temperature you want
- The integration in the filter circuit ensures a very even distribution of the water temperature with an accuracy of +/- 0.5 °C and a switching interval of 1.0 °C in the aquarium
- LED display of current and desired temperature. Interchangeable, screw-on (3/4") hose connections for 12/16, 16/22 and 19/25 mm incl. hose securing. Total length 30.5 cm
- Package contents: 1 in-line heater 300 W for aquariums from 90-300 l (80-120 cm) with hose connections for 12/16, 16/22 and 19/25 mm and cleaning brush

You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/60427>



**JBL Aquarium Thermometer DigiScan**  
 Digital adhering thermometer for aquarium panes



**JBL Aquarium Thermometer DigiScan Alarm**  
 Digital aquarium thermometer with alarm function



**JBL double stopcock+ quick coupling**  
 For connecting, disconnecting & shutting off hoses



**JBL PROTEMP b 20**  
 Substrate heating for freshwater aquariums





# JBL PROTEMP e300

## Accessories



### JBL Aquarium Tubing **GREY**

Pre-cut grey hose for  
aquariums & ponds



### JBL Aquarium Tubing **GREEN**

Pre-cut green hose for  
aquariums & ponds



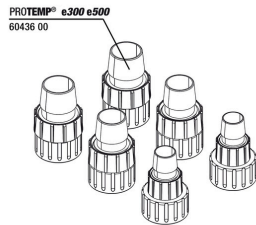
### JBL double stopcock+ **quick coupling**

For connecting, disconnecting  
& shutting off hoses

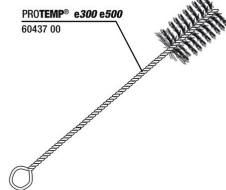


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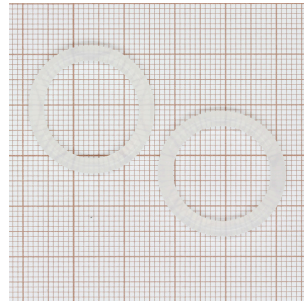
## Spare parts



**JBL ProTemp e300/  
e500 hose connection  
kit**



**JBL ProTemp e300/500  
cleaning brush**



**JBL PROTEMP e seal set**



# JBL PROTEMP e300




## Product information

Most aquarium fish come from tropical waters and need water temperatures between 22 and 30 °C. In community aquariums with fish/invertebrates from different regions, a water temperature of 24-26 °C has shown to be effective. 30 °C is only suitable for some fish breeding (e.g. discus fish). Many shrimp species come from cooler waters and do not tolerate temperatures of 25-30°C.

The water temperature should be set with an "adjustable heater" which regulates the temperature automatically. For this purpose, there are rod-shaped heaters which are fixed in the aquarium (JBL ProTemp s) in various wattages and external heaters/in-line heaters which are integrated in the water-returning hose of an external filter (JBL ProTemp e) in two wattages. The advantage of external heaters is that it is one less product to be placed INSIDE the aquarium and the distribution of heat in the aquarium is more even. In addition, the digital display of the external heater always clearly shows the current water temperature. The outdoor heaters can of course also be operated with a separate water pump.

Undergravel heating is NOT used to set the water temperature. An undergravel heating cable ensures a better flow of water through the substrate of the aquarium, as the heated water at the heating cable rises and colder water flows into the areas between the heating cables. Thus nutrients are flushed to the plant roots and ensure optimal plant growth. Undergravel heating cables must always be supplemented by a "main heater" (JBL ProTemp s or e).

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





# JBL PROTEMP e300



## Product details

| Article data             |                  |
|--------------------------|------------------|
| Product name             | JBL PROTEMP e300 |
| Art. No.                 | 6042700          |
| EAN number               | 4014162604279    |
| EAN as barcode           |                  |
| Watt                     | 300              |
| For                      | 90-300 l         |
| Expiry months            | -                |
| RRP incl. VAT            | 50,30 €          |
| Base price               | -                |
| Nominal filling quantity | -                |
| Base quantity            | 1                |
| Gross weight             | 500 g            |
| Net weight               | 400 g            |
| Weight change            | -                |

| Disposal                |   |
|-------------------------|---|
| Product name            | JBL PROTEMP e300  |
| Art. No.                | 6042700   |
| Green dot               | ✓   |
| Group electronic waste  | Small appliances that can be used in private households |
| Disposal weight         | 330 g   |
| Battery type            | -   |
| Battery return          | -   |
| Battery rechargeable    | -   |
| Disposal weight battery | -   |
| Non-returnable glass    | -   |
| PPK                     | 83 g  |
| Plastic small           | 8 g   |
| Plastic large           | -   |
| Disposal weight metal   | 0 g   |

| Features     |                  |
|--------------|------------------|
| Product name | JBL PROTEMP e300 |
| Art. No.     | 6042700          |





| Features             |  |
|----------------------|--|
| Animal species       | Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Panchaxes, Rainbowfish, Snails, Spiny eels, Tetra, Veiltails, blood parrot cichlids, freshwater butterflyfish |
| Animal size          | For all animal sizes   |
| Animal age group     | All aquarium and terrarium animals   |
| Volume of habitat    | -  |
| Material             | plastic (ABS) / glass  |
| Food type            | -  |
| Colour               | dark grey  |
| Dosage               | -  |
| Transport conditions | -  |





# JBL PROTEMP e300

| Electronic label / illuminant |                  |
|-------------------------------|------------------|
| Product name                  | JBL PROTEMP e300 |
| Art. No.                      | 6042700          |
| Ambient temperature           | -                |
| Start time                    | -                |
| Mercury                       | -                |
| Tube length                   | -                |
| Service life                  | -                |
| Lumen                         | -                |
| CRI value                     | -                |
| Dimmable                      | -                |
| Switching cycles              | -                |
| PAR value                     | -                |
| Energy efficiency class       | -                |
| UV-A                          | -                |
| UV-B                          | -                |
| UV-C                          | -                |
| Colour temperature            | -                |
| Base designation              | -                |

| Technical data                |                  |
|-------------------------------|------------------|
| Product name                  | JBL PROTEMP e300 |
| Art. No.                      | 6042700          |
| Range in litres               | 300 l            |
| Range from - to               | 90-300l          |
| Range in days                 | -                |
| Range tank length             | 120              |
| Output in watts               | 300 W            |
| Output per hour               | -                |
| Output per day                | -                |
| Height                        | 235 mm           |
| Length                        | 90 mm            |
| Width                         | 80 mm            |
| Diameter                      | -                |
| Voltage                       | 240 V            |
| For                           | -                |
| T8 26mm (watt)                | -                |
| T5 16mm (watt)                | -                |
| Size                          | -                |
| Content for                   | -                |
| Filter container volume       | -                |
| Volume filter media           | -                |
| Hose connections pressure/out | -                |
| Hose connections suction/in   | -                |
| Delivery head                 | -                |





# JBL PROTEMP e300

|                  |   |
|------------------|---|
| Food type        | - |
| Sub product type | - |
| Dosing           | - |







## Additional information for the specialist trade sector

| Article data         |                      |
|----------------------|----------------------|
| Product name         | JBL PROTEMP e300     |
| Art. No.             | 6042700              |
| VAT                  | 19%                  |
| Sales unit (SU)      | 1                    |
| Volume packaging     | 2.6l                 |
| Dimensions (l/w/h)   | 85 mm/90 mm/350 mm   |
| Layer                | 72                   |
| Pallet               | 216                  |
| Category of products | 3                    |
| Customs tariff       | 85161080             |
| Country of origin    | CN                   |
| Type of packaging    | Faltschachtel/Karton |

| PU 1 data        |                  |
|------------------|------------------|
| Product name     | JBL PROTEMP e300 |
| Art. No.         | 6042700          |
| PU 1 material    | cardboard gr     |
| PU 1 weight      | 450 g            |
| PU 1 length      | 440 mm           |
| PU 1 width/depth | 280 mm           |
| PU 1 height      | 300 mm           |

| PU 2 data        |                  |
|------------------|------------------|
| Product name     | JBL PROTEMP e300 |
| Art. No.         | 6042700          |
| PU 2 material    | None             |
| PU 2 weight      | -                |
| PU 2 length      | -                |
| PU 2 width/depth | -                |
| PU 2 height      | -                |

| Trade data        |                  |
|-------------------|------------------|
| Product name      | JBL PROTEMP e300 |
| Art. No.          | 6042700          |
| Till receipt text | ProTemp e300     |
| Shelf placement   | Technology shelf |