PRODUCT CATALOGUE

RUNS DRY? HEATER OFF.

3-Phase Electronic Immersion Heater

Digital control and dry-run protection on the 2″ head

3 – 10 kW | 3 × 400 V + N | 10 – 75 °C | IP54



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Click a model, get a quotation. The ready model and the configuration card on page 2 are links: an e-mail with the specification opens, ready to send.

Applications: Water and liquid tanks on three-phase supply · storage, buffer and process tanks

WHY BALÇIK · SINCE 1959 · 20M+ ELEMENTS A YEAR

- Electronics by our R&D team
- Elements 100% HV-tested in line
- Every lot traceable
- ISO 9001:2015 · Bureau Veritas

DOMESTIC SALES

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EXPORT SALES

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ISO 9001:2015

Balçık Isı Elemanları Sanayi Ticaret A.Ş.
Since 1959 · Exporting to 60+ countries

TECHNICAL DATA · ORDERING

Choose the ready model or specify yours



READY MODEL

95067B

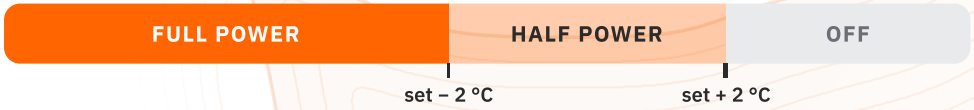
3000 W · three-phase · 2″ head
Click to request a quotation

YOUR CONFIGURATION

3 – 10 kW, element length to your tank

Click: the e-mail asks for power, length or tank volume and quantity.

CONTROL LOGIC



Half power from 2 °C below the set point, off at 2 °C above: less overshoot.

Wiring: earth, circuit breaker and an RCD as local wiring rules require (see the user guide).

TECHNICAL DATA

Control	BTE-01 microprocessor · NTC sensor · LED display
Set range	10 – 75 °C · reads 0 – 99 °C, 0.3 °C resolution
Protection	Dry-run detection · 75 °C limit · 85 °C over-temperature switch
Electrical	3 × 400 V + N, 50 Hz · 3 – 10 kW · max. 14.5 A
Housing	ABS terminal box, IP54 · 120 × 120 × 90 mm
Heating	2″ head · three U elements · full / half power

ALARM CODES ON THE DISPLAY

Er	Dry run: temperature rising faster than 1 °C in 2 s, elements off
H1	Element failure: H1, H2 or H3 shows how many have failed
FU	85 °C over-temperature switch open (resets at 55 ± 15 °C)
EE	Sensor fault: heating held off
Ht	Above 99 °C: off · L- below 0 °C: warning

Back on after a power cut: the controller returns to the last set temperature by itself.

Click a model to request a quotation — an e-mail with its full specification opens, ready to send.

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ORDERING

How to order

1 Choose or specify
Click the ready model **95067B**, or tell us power (3 – 10 kW), element length or tank volume and quantity.

2 Add quantity and destination
We reply with our quotation.

3 Test, approve, order
Samples for your tests and approval, then series supply.

NEED ANOTHER SIZE?

Power and element length are matched to your tank: send us the volume and power you need and we will quote.

YOUR BRAND

On request we produce under your brand (OEM): your name on the product and on the box.

QUALITY

Built and checked in-house

Developed in-house
Control electronics designed by our R&D team, paired with heating elements from our own plant.

Three protective functions
Dry-run detection, a 75 °C software limit and an 85 °C over-temperature switch.

Soft approach to the set point
Half power from 2 °C below the set point, off at 2 °C above: less overshoot.

Tested at every stage
High-voltage tested in line during rolling, then a 100% final electrical test before packing.

Certified quality system
ISO 9001:2015 by Bureau Veritas.

20M+
heating elements a year

60+
export countries

1959
family-owned, 3rd generation

About us. BALÇIK TORMEC makes 20M+ tubular heating elements a year for OEMs in 60+ countries, in Ankara since 1959, with 100% high-voltage testing in line and lot traceability from raw material to packing. ISO 9001:2015 by Bureau Veritas. Shipped with A.TR: no customs duty into the EU.

Edition 10/2026. Specifications and dimensions may change without notice; drawings are schematic.

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