

# Jotron AIS, GMDSS, and PLB

SKU - 40020796

## EPIRB FBH-42 Float-Free Heating Bracket



### DESCRIPTION

FBH-42 EPIRB heating bracket designed for extreme cold climates. This bracket features a self-regulating heating cable, ensuring optimal performance in chilly environments. Equipped with an external thermostat for precision temperature control, the FBH-42 guarantees safety by disconnecting power at specific temperatures. With the same enclosure and footprint as the trusted FB-40 Bracket, this innovative solution is tailored to meet the demands of cold climatic conditions, providing reliable support for your EPIRB in challenging environments.

### KEY FEATURES

**Automatic Release Mechanism:** Swift and reliable deployment in emergencies.

**Self-Regulating Heating Cable:** Maintains optimal temperature in cold climates for peak performance and reliability.

**External Thermostat:** Disconnects power at predefined temperatures, adding an extra layer of safety and efficient energy usage.

**Enclosure and Footprint Consistency:** Same as the regular FB-42 Bracket for simplified integration and compatibility.

**Wide Temperature Range:** Designed for use in cold climates, tested down to -30°C, ensuring functionality in extreme conditions.

**Easy Installation:** Mounting according to FB42/FBH-42 User Manual for straightforward installation and optimal performance.

**Durable Construction:** Constructed with glass-reinforced ASA material for enhanced durability and reliability.

**IPX6 Protection:** Thermostat box with IPX6 protection, safeguarding internal components against water ingress.

**Efficient Power Consumption:** Power consumption of 60W (typical) for sustainable operation and longer battery life.

**Comprehensive Documentation:** Dimensions and Downloads available for accurate planning and usage, including installation guidelines and downloadable resources.

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### SPECIFICATION

**Features:**

- Self-regulating heating cable for efficient temperature control.
- External thermostat that disconnects power at a specified temperature.
- Same enclosure and footprint as the regular FB-42 Bracket.

**Electrical Specifications:**

- Power Supply: 230V AC
- Power Consumption: 60W (typical)
- Thermostat Cut-off: 5-10°C
- Cable Length to Thermostat: Approximately 0.8m
- Termination: Screw terminals inside thermostat

**Environmental Specifications:**

- Temperature: Designed for use in cold climatic environments and up to +55°C. Tested down to -30°C (dedicated test report available on request).
- Protection (Thermostat Box): IPX6

**Mechanical Specifications:**

- Dimensions (W x H x D): 534 x 237 x 215 mm
- Weight: 4.0 kg (bracket, lid, and thermostat box)
- Material: Glass-reinforced ASA
- Colour: White
- Mounting: According to FB42/FBH-42 User Manual
- Fixing: 6 pcs M6 bolts (Not included)

### TECHNICAL INFORMATION

- **Temperature:** Designed for use in cold climatic environments and up to +55°C. Tested down to -30°C (dedicated test report available on request).
- **Protection (Thermostat Box):** IPX6
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