

IIBC-G

Soft jacket IBC heater

Isopad IIBC-G soft jacket heater fits several IBC and tote tank sizes with adjustable nylon straps and buckles. Controls temperature with adjustable thermostats. Protects contents and tote tank surface from heat damage with thermostats. Designed for caged, plastic, or metal tote tanks / IBCs. The wrap-around blanket design allows

you to heat a tote tank / IBC externally without changing the IBC or tote tank. Does not contaminate or scorch your product. Fitted using adjustable nylon straps with buckles. Heating duration approx. 48h (1000 L water from +15° C to +50° C with 2x1000 W container).

An optional top cover is available to reduce heat loss and accelerate heat-up. Built-in adjustable thermostats allow you to control the temperature with up to three separate heat zones and to adjust heater output when content levels are lower.



Area Specifications

IIBC-G

Area classification	Nonhazardous, ordinary area
Ingress protection	IP54
Electrical protection	Class I
Ambient temperature range	-30°C ... +50°C

Certifications

Approvals	accordant product documentation
Norms	EN, CE

Dimension

Size	4400 x 1000 mm
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Heater Construction

Type	Silicone insulated spiral wound resistance element
Material of thermal insulation	Needled polyester insulation
Thickness	15 mm
Outer protection	Teflon/Polyester jacket
Fixation	Adjustable quick release buckles

Connection, electrical

Connection lead length	3,0 m (per thermostat)
Lead cross section	3G1,5 mm ²
Temperature range	-30°C to +80°C
Connection lead insulation material	PVC

Temperature Control

Sensor type	capillary
Controller range	+0°C ... +90°C
Ingress protection	IP54
Housing material	ABS

Technical Information

Frequency	50-60 Hz
Voltage	230 V (~1ph)
Power output	1300W / 2 x 1000W / 3 x 1000 W (depending on type)

Options

For additional thermal insulation and increasing efficiency following options are available:
 Insulating cover (IIBC-G / INSULATED TOP COVER) with access hatch above
 Insulating (IIBC-G / INSULATED COVER) additionally above IIBC Heating
 Raincover (IIBC-G / FULL COVER WATERPROOF PVC) waterproof PVC cover

Ordering Information

Part Number	Description	Size (mm)	Thickness (mm) ⁽³⁾	Nominal power ⁽²⁾ (W)	Nominal voltage (Vac)	Weight (kg)
1235-99840026	IIBC-G/230V/2x1000W	4400x1000	10	2x 1000	230	13
1235-99840027	IIBC-G/110V/2x1000W	4400x1000	10	2x 1000	110	13
1235-99840028	IIBC-G/230V/3x1000W	4400x1000	10	3x 1000	230	14
1235-99840029	IIBC-G/230V/1300W	4400x1000	10	1300	230	12
1235-99840030	IIBC-G/110V/1300W	4400x1000	10	1300	110	12
1235-99840031	IIBC-G/INSULATED TOP COVER		7	-	-	2,5
1235-99840032	IIBC-G/INSULATED COVER		15	-	-	8,0
1235-99840033	IIBC-G/Full COVER Waterproof PVC		0,5	-	-	4,2

⁽¹⁾ Tolerances according to DIN ISO 2768 c

⁽²⁾ Tolerances ±10%

⁽³⁾ Tolerances ±20%

Accessories

none

We recommend the use of a 30mA residual current breaker device to provide maximum safety and protection from fire. If there is a marked increase in nuisance tripping, a maximum 300mA residual current breaker device may be used. In case of doubt please contact TC-E.