IDR G

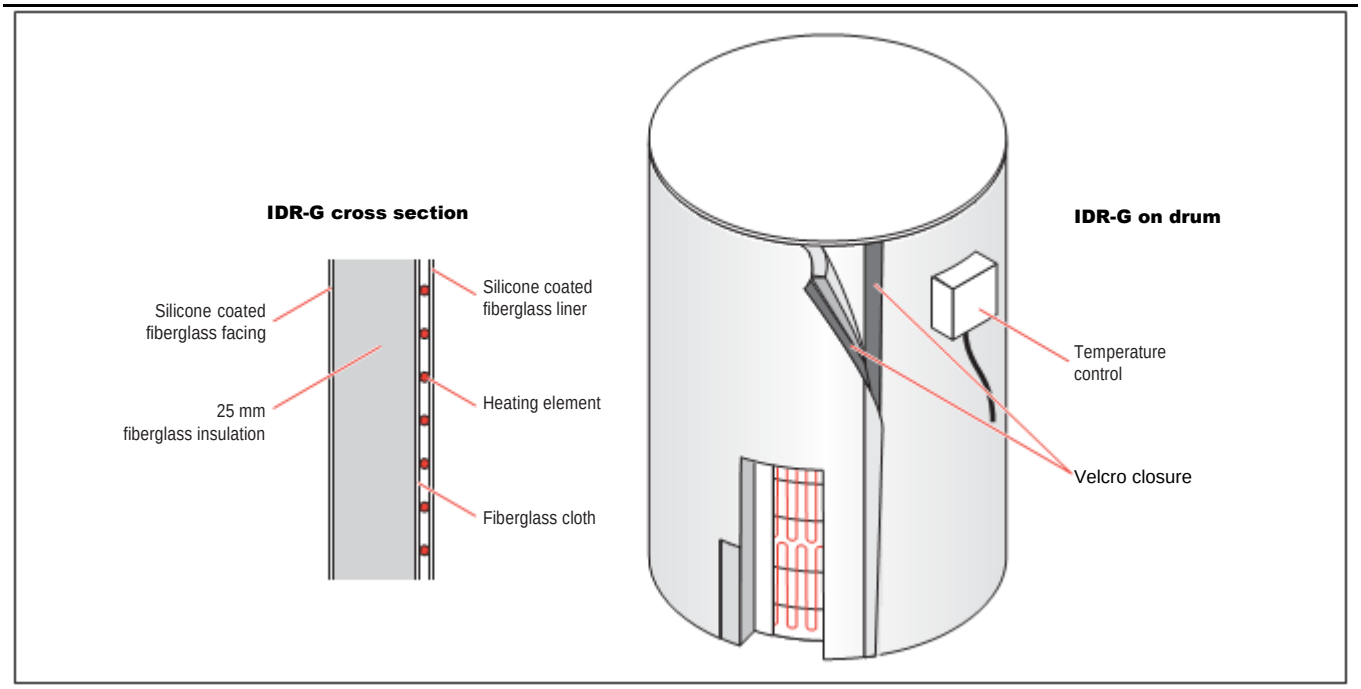
Soft Jacket Drum Heater

Isopad IDR-G soft jacket drum heaters are designed to wrap around a drum and heat the contents. They are insulated to maximize heat efficiency.

These combine the convenience of quick heat-up time and the precision of a digital controller to present you with a practical, efficient means of freeze protection, viscosity control, and maintenance of materials at elevated temperatures.

Drum heaters of the Series IDR-G are intended for use in dry and also humid areas.

For more details and special design, please contact your local representative.



Area Specifications	IDR-G (200L)
Area classification	Nonhazardous, ordinary area
Ingress protection	IP65
Electrical protection class	I
Ambient temperature range	0°C (32°F) ... +40°C (+104°F)
Max. admiss. Temperature	+200°C (+392°F)

Certifications	
Approvals	according product documentation
Norms	EN, IEC Standard

Dimension	
Height	870 mm
Inner diameter	580 mm
Outer diameter	610 mm
Approx. weight	15 kg

Heater Construction

Type	PTFE with copper-nickel braid
Carrier	Silicone glass fibre reinforced
Material of thermal insulation	Glass-fibre
Thickness	15 mm
Outer protection	Silicone glass fibre reinforced

Connection, electrical

Connection lead length	2.0 m
Lead cross section	3G1.5 mm²
Temperature range	-30°C to +80°C
Connection lead insulation material	PVC

Temperature Control

Controller type	ICon-TS430
Sensor type	PT100
Controller range	-200°C … +1300°C (-328°F … +2372°F)
Ingress protection	IP65 (frontal protection)
Ambient temperature range	20°C (-4°F) ... +40°C (+104°F)
Housing material	ABS, plastics
Limiting thermostat	at 180°C

Technical Information

Frequency	50-60 Hz
Maximum operating voltage	230 Vac (~1ph)
Nominal power	1600 W
Maximum operating temperature	180°C

Options

none

Ordering Information

Part Number	Description	For standard sizes[1] (Ltr)	Nominal power [2] (W)	Nominal voltage (Vac)	Weight (kg)
1235-99206203	**IDR-G (200L)**	**200**	**1600**	**230**	**15**

[1] Tolerances according to DIN ISO 2768 c
[2] Tolerances ±10%

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 us.



CONTACT

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CHROMALOX ISOPAD

Management System
ISO 9001:2015
ISO 14001:2015

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Our products satisfy the requirements of the relevant European Directives.

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