

Drum Heaters

for Hazardous Areas



ELFH drum heaters are ideally suited for use where process media have to be heated or kept warm in 200 litre standard drums in a potentially explosive atmosphere. Warming a liquid reduces its viscosity, thereby facilitating pumping and filling operations. It also prevents crystallisation and flocculation. Solids can be liquefied. These heaters provide a reliable, space-saving solution for the uniform temperature across the drum. The drum heater is on casters and can be fitted around the drum quick and easy using the convenient hand-grips, and is easy to close using the practical quick-release fastener. The mounted handles are dimensioned to allow operation while wearing protective gloves. To minimise heat loss and to shorten heating time, an optional insulated cover is also available. It is of course possible to produce individual solutions according to the customer's wishes – just ask us.

Advantages:

- Reliable and space-saving
- Optimum insulation for minimum outward heat loss
- 4 casters, 2 fitted with brakes
- Practical quick-release fastener
- Prevents crystallisation and flocculation of liquids

Applications:

- Foodstuffs
- Power stations (nuclear power plants)
- Greases, oils
- Soaps, adhesives
- Waxes, resins
- Chemicals
- Paints, varnishes

Type ELFH-2600-Ex





Technical Information

Type ELFH-2600-Ex

Data

■ Hazardous area category	II 2G Ex ed IIB T4 Gb II 2D Ex tb IIIC T135°C Db
■ Certificates	IBExU04 ATEX 1005X, PTB 09 ATEX 1029 U, IBExU03 ATEX 1130 X
■ Operating temp. max.	80 °C
■ Thermal safety	Class 2
■ IP rating	IP 65 (controller, heating cable connectors), IP 52 (sheet metal enclosure)
■ Ambient temperature	-25 °C up to +60 °C
■ Weight	Approx. 60 kg
■ Finish	Gentian-blue, RAL 5010, inner surface: black

Type	Designation	Art. No.
ELID-1	Insulated cover	0720060
ELID-2	Insulated cover, with suction hole	0720065
ELID-3	Insulated cover, split design, with suction hole	0720070

Type	Inner dia. (mm)	Outer dia. (mm)	Height (mm)	Wattage (W)	Voltage (V)	Drum size (l)	Temperature control	Classification	Art. No.
ELFH-2600-Ex	650	780	975	2600	230	200	controller 30-85 °C limiter +100 °C factory preset	II 2G Ex ed IIB T4 Gb II 2D Ex tb IIIC T135°C Db	0720021

For 200l standard drum. Consisting of the cylindrical metal sheet enclosure, mobile and folding type (quick-release fasteners). All Ex-relevant components with ATEX approval for potentially explosive atmospheres; manufacturer's declaration on compliance with all requirements of type examination certificates for the final product are available.