



Drum heaters for Ex-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 quickly and easily 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

■ Material	metal sheet casing
■ Fastening	quick-release fasteners
■ Heating element	PTFE insulated, Ex-approved
■ Insulation	60 mm mineral wool WLG 035
■ Power cable	3.0 m long for connection to existing terminal box/plug
■ Control	thermostat and safety temperature limiter as capillary tube thermostats housed in separate enclosures Ex d (or equivalent upon request)
■ 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
■ Insulated cover	ELID-1, Art. No. 0720060, ELID-2 (with suction hole), Art. No.0720065, ELID-3 (split design, with suction hole), Art. No. 0720070 – available upon request

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 0 - 200 °C limiter +125 °C factory preset	II 2 G Ex ed IIB T4 II 2D Ex tD A21 T135°C IP65	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.