



- NOTES**
- All dimension are in mm except where otherwise indicated.
 - Terminal box ST.ST. not painted according to standard Fati.
 - Heating Elements Diameter: Nominal Ø10 mm - After Machining Ø8.5 mm.
 - Thermostat TG type, automatic reset set at 45°C, range 0°C+120°C, inside pockets for temperature control.
 - Thermostat TG type, manual reset set at 120°C, range 120°C+300°C, inside pockets for safety temperature control.
 - Cable glands are not in Fati scope of supply.
 - Elements length and pipes length tolerance: ±3%.

TECHNICAL DATA

Item	30-OIL HEATER
Power	2 kW
Stages	1
Voltage/Frequency/Phases	400 V/ 50&60 Hz/ 3 Ph
Electrical Connection	STAR
Number of Heating Elements	3
Active Length of Element	600 mm
Specific Surface Load	2,08 W/cm²
Ambient Temperature allowable	-40 °C/ +60 °C
Bundle Weight	10 kg
Certificate	ITS 03 ATEX 11118X

ELENCO MATERIALI Materials list

POS. Pos.	DESCRIZIONE Description	Q.tà Q.ty	MATERIALI Materials	CERT. Cert.	DIMENSIONI Dimensions	NOTE Note
8	EARTHING LUG	1	ST.ST. 304	C	M6	
7	NAMEPLATE	1	ST.ST. 316L	C	80x45- Thk.0.5 mm	
6	INSTRUMENT CABLE ENTRY	1	C.S.	C	1/2" NPT	
5	POWER CABLE ENTRY	1	C.S.	C	3/4" NPT	
4	THERMOWELL	1	SA 249 TP304L	B	Ø10x1 - L=485 mm	
3	HEATING ELEMENT	3	SA 249 TP304L	B	Ø8.5x1 - L=720 mm	
2	PLUG	1	ST.ST. 304L	C	1 1/2 NPT	
1	TERMINAL BOX	1	C.S.	C	100/D - Ex db IIB T3 Gb IP65	

A	MATERIALE CON CERT. 3.2 EN10204/2005 Material with cert. 3.2 EN10204/2005	B	MATERIALE CON CERT. 3.1 EN10204/2005 Material with cert. 3.1 EN10204/2005	C	MATERIALE CON CERT. 2.2 EN10204/2005 Material with cert. 2.2 EN10204/2005
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N° UNITA' N. of unit	2	N° DI FABBRICA Serial Number	148B24-149B24
Cliente Customer	DELTA GMBH		
0	ISSUE FOR APPROVAL	09/07/2024	POSA FEDELI FEDELI
Rev. Issue	Descrizione Description	Data Date	Dis. Drawn Contr. Check Progr. Appr. Proje. Appr.

F.A.T.I. srl
Electric Heaters for Industry
viale A. Volta 52, 20047 Cusago-MI-Italy

Dis. N. Dwg. N.	240709EP01	Rev. Rev.	0
ELECTRIC HEATER 2 kW BUNDLE DETAIL DRAWING		Scala Scale	1:2.5
30-OIL HEATER		Fig. Sh.	1
Commissa Job		241689	
Ordine Order		DELTA-FATI-2024-PO-200	