

EXPLOSION-PROOF STEEL FINNED-TUBE HEATERS

CONSTRUCTION

The Sinus Jevi D8500 gas and dust explosion-proof finned-tube heater has rolled-in ribs, similar to the standard finned-tube heaters. The heating element is composed of stacked stones. The Sinus Jevi explosion-proof finned tube heaters are ISSeP approved and comply with the norms laid down in the European Norms (European Standards) EN-IEC-60079-0 and EN-IEC-61241-0.

The pressure-resistant construction is approved for gas groups I, IIA, IIB and IIC. Safety from explosion is ensured by a flame proof construction with direct connection (construction d), a maximum surface temperature of 200°C at an ambient temperature of 40°C and a screw lid, whereby the leakage path complies with the requirements laid down for (connection) boxes of the IIC class.

Therefore, the Sinus Jevi explosion-proof finned-tube heater is in line with temperature class T3 and, in accordance with the Norms, it is provided with the reference mark Ex d IIC T3 and Ex tD A21 IP66 T200°C.

Through reduction of output, a flame proof construction with a maximum surface temperature of 135°C is obtained, thus meeting the requirements of temperature class T4. Class T4 is provided with reference mark Ex d IIC T4 and Ex tD A21 IP66 T135°C.

APPLICATION

The Sinus Jevi explosion-proof finned-tube heaters can be used for heating areas where all possible gases or vapours may be present; for example: on oil/gas rigs, in the chemical and petrochemical industries and areas where combustible and/or inflammable products are stored. On mounting, we recommend that you read the installation manual.

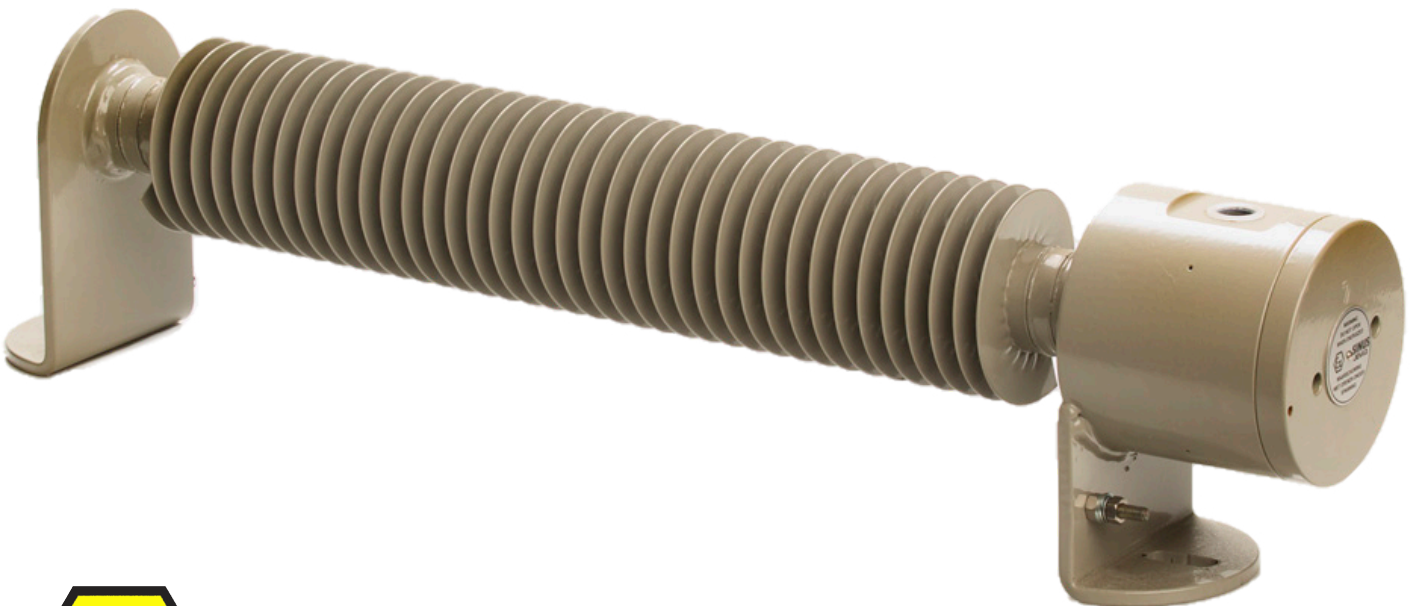
The explosion-proof finned-tube heaters can be regulated by means of an explosion-proof thermostat, type EJB 0-40.

MODEL T3 D8500 GAS AND DUST EXPLOSION-PROOF

- * Grey epoxy-coating
- * Steel flame proof construction
- * Especially suitable for areas with hazardous gases or vapours which are able to explode or ignite spontaneously.
- * Max. surface temperature of 200°C at an ambient temperature of +40°C
- * Ambient temperature range: -30°C - +40°C
- * ATEX
- * EN-IEC-60079-1 Ex II 2G Ex d IIC T3
- * EN-IEC-61241-1 Ex II 2D Ex tD A21 IP66 T200°C
- * IP 66
- * 230 Volt standard max. 690 Volt/18 Amp.
- * Cable gland M20x1.5 brass

MODEL T4 D8500 GAS AND DUST EXPLOSION-PROOF

- * Grey epoxy-coating
- * Steel flame proof construction.
- * Especially suitable for environments with hazardous gases or vapours, which are able to explode or ignite spontaneously.
- * Max. surface temperature 135°C at an ambient temperature +40°C
- * Ambient temperature range: -30°C - +40°C
- * ATEX
- * EN-IEC-60079-1 Ex II 2G Ex d IIC T4
- * EN-IEC-61241-1 Ex II 2D Ex tD A21 IP66 T135°C
- * IP 66
- * 230 Volt standard max. 690 Volt/18 Amp.
- * Cable gland M20x1.5 brass

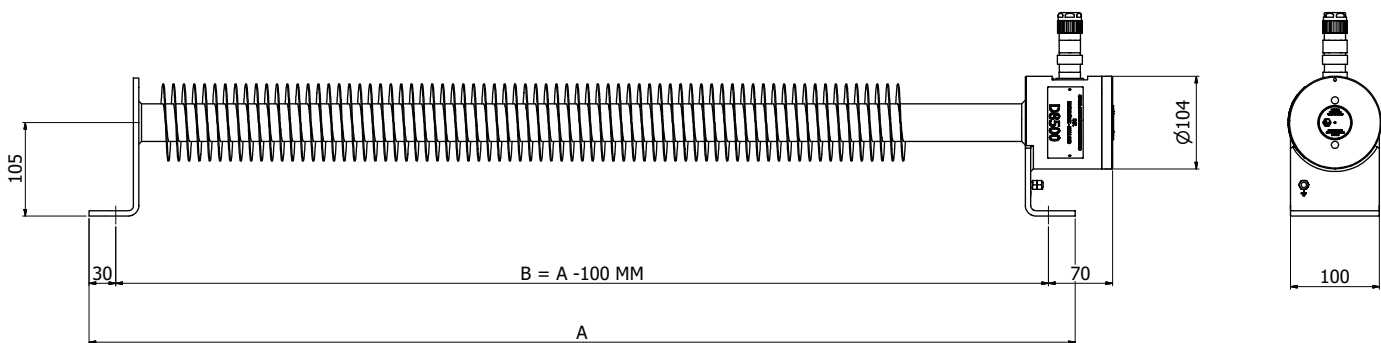


EXPLOSION-PROOF STEEL FINNED-TUBE HEATERS

Type	Output	Article number
ERB 3 T3	250 Watt	A220 310 250
ERB 4 T3	325 Watt	A220 410 325
ERB 5 T3	400 Watt	A220 510 400
ERB 6 T3	450 Watt	A220 610 450
ERB 7 T3	500 Watt	A220 710 500
ERB 8 T3	600 Watt	A220 810 600
ERB 9 T3	700 Watt	A220 910 700
ERB 10 T3	750 Watt	A221 010 750
ERB 11 T3	800 Watt	A221 110 800
ERB 12 T3	900 Watt	A221 210 900
ERB 13 T3	1000 Watt	A221 311 000
ERB 14 T3	1100 Watt	A221 411 100
ERB 15 T3	1200 Watt	A221 511 200
ERB 16 T3	1280 Watt	A221 611 280
ERB 17 T3	1360 Watt	A221 711 360
ERB 18 T3	1440 Watt	A221 811 440
ERB 19 T3	1520 Watt	A221 911 520
ERB 20 T3	1600 Watt	A222 011 600
ERB 21 T3	1680 Watt	A222 111 680
ERB 22 T3	1760 Watt	A222 211 760
ERB 23 T3	1840 Watt	A222 311 840
ERB 24 T3	1920 Watt	A222 411 920
ERB 25 T3	2000 Watt	A222 512 000
ERB 26 T3	2080 Watt	A222 612 080
ERB 27 T3	2160 Watt	A222 712 160
ERB 28 T3	2240 Watt	A222 812 240
ERB 29 T3	2320 Watt	A222 912 320
ERB 30 T3	2400 Watt	A223 012 400

Type	Output	Article number
ERB 3 T4	140 Watt	A225 310 140
ERB 4 T4	180 Watt	A225 410 180
ERB 5 T4	230 Watt	A225 510 230
ERB 6 T4	280 Watt	A225 610 280
ERB 7 T4	320 Watt	A225 710 320
ERB 8 T4	370 Watt	A225 810 370
ERB 9 T4	420 Watt	A225 910 420
ERB 10 T4	460 Watt	A226 010 460
ERB 11 T4	510 Watt	A226 110 510
ERB 12 T4	560 Watt	A226 210 560
ERB 13 T4	600 Watt	A226 310 600
ERB 14 T4	650 Watt	A226 410 650
ERB 15 T4	700 Watt	A226 510 700
ERB 16 T4	740 Watt	A226 610 740
ERB 17 T4	790 Watt	A226 710 790
ERB 18 T4	840 Watt	A226 810 840
ERB 19 T4	880 Watt	A226 910 880
ERB 20 T4	930 Watt	A227 010 930
ERB 21 T4	980 Watt	A227 110 980
ERB 22 T4	1020 Watt	A227 211 020
ERB 23 T4	1070 Watt	A227 311 070
ERB 24 T4	1120 Watt	A227 411 120
ERB 25 T4	1160 Watt	A227 511 160
ERB 26 T4	1210 Watt	A227 611 210
ERB 27 T4	1260 Watt	A227 711 260
ERB 28 T4	1300 Watt	A227 811 300
ERB 29 T4	1350 Watt	A227 911 350
ERB 30 T4	1400 Watt	A228 011 400

Total length (A)	Weight (approx.)
450 mm	8.0 kg
550 mm	9.0 kg
650 mm	10.0 kg
750 mm	11.0 kg
850 mm	11.5 kg
950 mm	12.0 kg
1050 mm	13.0 kg
1150 mm	13.5 kg
1250 mm	14.5 kg
1350 mm	15.0 kg
1450 mm	16.0 kg
1550 mm	16.5 kg
1650 mm	17.0 kg
1750 mm	18.0 kg
1850 mm	18.5 kg
1950 mm	19.0 kg
2050 mm	19.5 kg
2150 mm	21.0 kg
2250 mm	21.5 kg
2350 mm	22.0 kg
2450 mm	23.0 kg
2550 mm	23.5 kg
2650 mm	24.5 kg
2750 mm	25.0 kg
2850 mm	25.5 kg
2950 mm	26.5 kg
3050 mm	27.5 kg
3150 mm	28.5 kg



Option: Cable gland on 3 o'clock or 9 o'clock position:



EXPLOSION-PROOF St.St. FINNED-TUBE AIR HEATER

MODEL T3, STAINLESS STEEL (AISI 316), D8505 GAS AND DUST EXPLOSION-PROOF

- * Completely constructed of stainless steel (AISI 316)
- * Flame proof construction
- * Especially suitable for **corrosive** areas with hazardous gases or vapours, which are able to explode or ignite spontaneously.
- * Max. surface temperature of 200°C at an ambient temperature of +40°C
- * Ambient temperature range: -30°C - +40°C
- * ATEX
- * EN-IEC-60079-1 Ex II 2G Ex d IIC T3
- * EN-IEC-61241-1 Ex II 2D Ex tD A21 IP66 T200°C
- * IP 66
- * 230 Volt standard 690V/18Amp.
- * Cable gland M20x1.5 brass nickel plated

MODEL T4, STAINLESS STEEL (AISI 316), D8505 GAS AND DUST EXPLOSION-PROOF

- * Completely constructed of stainless steel (AISI 316)
- * Flame proof construction
- * Especially suitable for **corrosive** areas with hazardous gases or vapours, which are able to explode or ignite spontaneously.
- * Max. surface temperature of 135°C at an ambient temperature of +40°C
- * Ambient temperature range: -30°C - +40°C
- * ATEX
- * EN-IEC-60079-1 Ex II 2G Ex d IIC T4
- * EN-IEC-61241-1 Ex II 2D Ex tD A21 IP66 T135°C
- * IP 66
- * 230 Volt standard max. 690V/18Amp.
- * Cable gland M20x1.5 brass nickel plated

Type	Output	Article number	Type	Output	Article number	Total length (A)	Weight (approx.)
ERB 4 T3 RVS	225 Watt	A240 410 225	ERB 4 T4 RVS	110 Watt	A245 410 110	550 mm	9.0 kg
ERB 5 T3 RVS	300 Watt	A240 510 300	ERB 5 T4 RVS	150 Watt	A245 510 150	650 mm	10.0 kg
ERB 6 T3 RVS	375 Watt	A240 610 375	ERB 6 T4 RVS	190 Watt	A245 610 190	750 mm	11.0 kg
ERB 7 T3 RVS	450 Watt	A240 710 450	ERB 7 T4 RVS	230 Watt	A245 710 230	850 mm	11.5 kg
ERB 8 T3 RVS	525 Watt	A240 810 525	ERB 8 T4 RVS	270 Watt	A245 810 270	950 mm	12.0 kg
ERB 9 T3 RVS	600 Watt	A240 910 600	ERB 9 T4 RVS	310 Watt	A245 910 310	1050 mm	13.0 kg
ERB 10 T3 RVS	675 Watt	A241 010 675	ERB 10 T4 RVS	350 Watt	A246 010 350	1150 mm	13.5 kg
ERB 11 T3 RVS	750 Watt	A241 110 750	ERB 11 T4 RVS	390 Watt	A246 110 390	1250 mm	14.5 kg
ERB 12 T3 RVS	840 Watt	A241 120 840	ERB 12 T4 RVS	430 Watt	A246 210 430	1350 mm	15.5 kg
ERB 13 T3 RVS	930 Watt	A241 130 930	ERB 13 T4 RVS	470 Watt	A246 310 470	1450 mm	16.0 kg
ERB 14 T3 RVS	1030 Watt	A241 141 030	ERB 14 T4 RVS	510 Watt	A246 410 510	1550 mm	16.5 kg
ERB 15 T3 RVS	1140 Watt	A241 511 140	ERB 15 T4 RVS	540 Watt	A246 510 540	1650 mm	17.0 kg
ERB 16 T3 RVS	1250 Watt	A241 611 250	ERB 16 T4 RVS	580 Watt	A246 610 580	1750 mm	18.0 kg
ERB 17 T3 RVS	1350 Watt	A241 711 350	ERB 17 T4 RVS	620 Watt	A246 710 620	1850 mm	18.5 kg
ERB 18 T3 RVS	1440 Watt	A241 811 440	ERB 18 T4 RVS	660 Watt	A246 810 660	1950 mm	19.0 kg
ERB 19 T3 RVS	1520 Watt	A241 911 520	ERB 19 T4 RVS	700 Watt	A246 910 700	2050 mm	19.5 kg
ERB 20 T3 RVS	1600 Watt	A242 011 600	ERB 20 T4 RVS	750 Watt	A247 010 750	2150 mm	21.5 kg
ERB 21 T3 RVS	1680 Watt	A242 111 680	ERB 21 T4 RVS	790 Watt	A247 110 790	2250 mm	21.5 kg
ERB 22 T3 RVS	1760 Watt	A242 211 760	ERB 22 T4 RVS	830 Watt	A247 210 830	2350 mm	22.5 kg
ERB 23 T3 RVS	1840 Watt	A242 311 840	ERB 23 T4 RVS	870 Watt	A247 310 870	2450 mm	23.0 kg
ERB 24 T3 RVS	1920 Watt	A242 411 920	ERB 24 T4 RVS	910 Watt	A247 410 910	2550 mm	23.5 kg
ERB 25 T3 RVS	2000 Watt	A242 512 000	ERB 25 T4 RVS	950 Watt	A247 510 950	2650 mm	24.5 kg
ERB 26 T3 RVS	2080 Watt	A242 612 080	ERB 26 T4 RVS	990 Watt	A247 610 990	2750 mm	25.0 kg
ERB 27 T3 RVS	2160 Watt	A242 712 160	ERB 27 T4 RVS	1030 Watt	A247 711 030	2850 mm	25.5 kg
ERB 28 T3 RVS	2240 Watt	A242 812 240	ERB 28 T4 RVS	1070 Watt	A247 811 070	2950 mm	26.5 kg
ERB 29 T3 RVS	2320 Watt	A242 912 320	ERB 29 T4 RVS	1110 Watt	A247 911 110	3050 mm	27.5 kg
ERB 30 T3 RVS	2400 Watt	A243 012 400	ERB 30 T4 RVS	1150 Watt	A248 011 150	3150 mm	28.5 kg