

Ex-Proof Finned Tube Air Heaters Type RADEX

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The Radex Ex-Proof Finned Air Heater has been designed for heating areas where there is a risk of an explosive atmosphere. This can result from the manipulation of flammable gases, vapors and liquids. The Radex can also be used in confined spaces such as hazardous materials storage containers and painting rooms



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CONSTRUCTION

Our RADEX heater consists of an explosion-proof housing and a finned tube welded to the housing. The heating element is made of closed, stacked ceramic parts in which the resistive wire is placed. The Radex is fitted with two supports for horizontal mounting on the floor or wall.

The steel version has a gray epoxy coating. Our Radex is also available in low ambient temperature and high ambient temperature versions. Electrical connection must be made using certified explosion-proof cable entries.

Our ATEX type RADEX heater does not have its own temperature regulator. The device has been designed to ensure stabilized heat transfer between the heating element and the ambient air when supplied at its rated voltage and when the ambient temperature reaches the maximum permissible value of 40°C or 60°C, depending on the model. Thermal density (W/cm^2) is determined in such a way that, during normal operation, the device's surface temperatures remain below the applicable temperature class (T3, 200°C or T4 135°C). Our ATEX heaters are ISSeP-approved and comply with EN-IEC-60079-1 and EN-IEC-60079-31. The explosion-proof construction is approved for gas IIC and dust IIIC.

APPLICATION

Our ATEX type RADEX Finned Tube Air Heater can be used for heating in zones where explosive gases and vapors may be present.

For example: On oil/gas platforms, in the chemical and petrochemical industries, and in areas where combustible and/or flammable products are stocked. We advise you to read the instruction manual before installation. Our RADEX explosion-proof radiators can be controlled with an explosion-proof thermostat, e.g. type ERT-10: -20°C - +40°C

VERSION T3/T4 RADEX - ATEX

- Grey epoxy coating
- Fire-resistant steel construction
- Ambient temperature range
RADEX[®]T3/ T4: -30°C - +40°C
- Ambient temperature range
RADEX[®]LAT-
- T3/T4: -50° - +40°C
- Marking (ATEX) :
- EN-IEC-60079-1 Ex II 2G Ex db IIC
T3/T4 Gb
- EN-IEC-60079-31 Ex II 2D Ex-tb IIIC
T200°
- C/T135°C Db
- IP 66
- 230 Volt standard (other voltages on request)

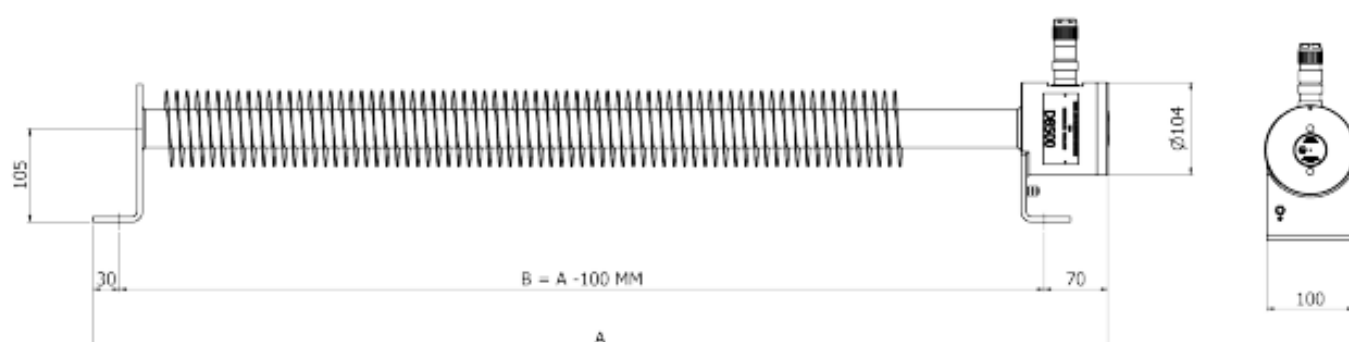


Available types RADEX (standard) D8500

Type	Output	Article number	Type	Output	Article number	Total length (A)	Weight (approx.)
RADEX 5 T3	400 Watt	B220 510 400	RADEX 5 T4	230 Watt	B225 510 230	650 mm	10,0 kg
RADEX 7 T3	500 Watt	B220 710 500	RADEX 7 T4	320 Watt	B225 710 320	850 mm	11,5 kg
RADEX 10 T3	750 Watt	B221 010 750	RADEX 10 T4	460 Watt	B226 010 460	1150 mm	13,5 kg
RADEX 13 T3	1000 Watt	B221 311 000	RADEX 13 T4	600 Watt	B226 310 600	1450 mm	16,0 kg
RADEX 19 T3	1520 Watt	B221 911 520	RADEX 19 T4	880 Watt	B226 910 880	2050 mm	19,5 kg
RADEX 25 T3	2000 Watt	B222 512 000	RADEX 25 T4	1160 Watt	B227 511 160	2650 mm	24,5 kg
RADEX 30 T3	2400 Watt	B223 012 400	RADEX 30 T4	1400 Watt	B228 011 400	3150 mm	28,5 kg

* stock models

Other dimensions, output or voltage on request



Option: Cable gland 3 or 9 o'clock



Available types D8500 (steel enclosure)					
RADEX (-LAT) / (-HAT)			RADEX/ (-LAT)	RADEX / (-LAT)	RADEX-HAT
Type no.	Total length	Weight (approx.)	Output class T3	Output class T4	Output class T3
RADEX 5	650 mm	10,0 kg	400 Watt	230 Watt	230 Watt
RADEX 7	850 mm	11,5 kg	500 Watt	320 Watt	320 Watt
RADEX 10	1150 mm	13,5 kg	750 Watt	460 Watt	460 Watt
RADEX 13	1450 mm	16,0 kg	1000 Watt	600 Watt	600 Watt
RADEX 19	2050 mm	19,5 kg	1520 Watt	880 Watt	880 Watt
RADEX 25	2650 mm	24,5 kg	2000 Watt	1160 Watt	1160 Watt
RADEX 30	3150 mm	28,5 kg	2400 Watt	1400 Watt	1400 Watt



VERSION T3/T4 RADEX - ATEX INOX (AISI 316)

- Completely constructed of stainless steel (AISI 316)
- Flame proof construction
- Especially suitable for corrosive areas
- Ambient temperature range ERB: -30°C - +40°C
Ambient temperature range ERB-HAT-T3: -30° - +60°C
Ambient temperature range ERB-LAT-T3/T4: -50° - +40°C
- Marking (ATEX): EN-IEC-60079-1 Ex II 2G Ex db IIC T3/T4 Gb EN-IEC-60079-31 Ex II 2D Ex tb IIIC T200°C/T135°C Db
- IP 66 * 230 Volt (other voltages on request)
- Option: cable gland M20 x 1.5mm



RADEX type RVS Inox
(option presse étoupe)

Available types RADEX RVS (standard) D8505

Type	Output	Article number	Type	Output	Article number	Total length (A)	Weight (approx.)
RADEX 5 T3 RVS	300 Watt	B240 510 300	RADEX 5 T4 RVS	150 Watt	B245 510 150	650 mm	10,0 kg
RADEX 7 T3 RVS	450 Watt	B240 710 450	RADEX 7 T4 RVS	230 Watt	B245 710 230	850 mm	11,5 kg
RADEX 10 T3 RVS	675 Watt	B241 010 675	RADEX 10 T4 RVS	350 Watt	B246 010 350	1150 mm	13,5 kg
RADEX 15 T3 RVS	1140 Watt	B241 511 140	RADEX 15 T4 RVS	540 Watt	B246 510 540	1650 mm	17,0 kg
RADEX 19 T3 RVS	1520 Watt	B241 911 520	RADEX 19 T4 RVS	700 Watt	B246 910 700	2050 mm	19,5 kg
RADEX 25 T3 RVS	2000 Watt	B242 512 000	RADEX 25 T4 RVS	950 Watt	B247 510 950	2650 mm	24,5 kg
RADEX 30 T3 RVS	2400 Watt	B243 012 400	RADEX 30 T4 RVS	1150 Watt	B248 011 150	3150 mm	28,5 kg

Available types D8505 (stainless steel enclosure)

RADEX RVS (-LAT) / (-HAT)			RADEX RVS / (-LAT)	RADEX RVS/ (-LAT)	RADEX RVS -HAT
Type no.	Total length	Weight (approx.)	Output class T3	Output class T4	Output class T3
RADEX 5 RVS	650 mm	10,0 kg	300 Watt	150 Watt	150 Watt
RADEX 7 RVS	850 mm	11,5 kg	450 Watt	230 Watt	230 Watt
RADEX 10 RVS	1150 mm	13,5 kg	675 Watt	350 Watt	350 Watt
RADEX 13 RVS	1450 mm	16,0 kg	930 Watt	470 Watt	470 Watt
RADEX 19 RVS	2050 mm	19,5 kg	1520 Watt	700 Watt	700 Watt
RADEX 25 RVS	2650 mm	24,5 kg	2000 Watt	950 Watt	950 Watt
RADEX 30 RVS	3150 mm	28,5 kg	2400 Watt	1150 Watt	1150 Watt