



BAKIRAL®
LIGHTNING PROTECTION SYSTEMS

ESE LIGHTNING ROD CONDUCTOR

OPERATING PRINCIPLE

The purpose of BAKIRAL® lightning rods is to provide a SAFE & low-resistance path to ground that can be used to conduct the enormous electrical currents when lightning strikes occur. If lightning strikes, the system attempts to carry the harmful electrical current away from the structure and safely to ground. The system has the ability to handle the enormous electrical current associated with the strike. If the strike contacts a material that is not a good conductor, the material will suffer massive heat damage. BAKIRAL® lightning-rod system is an excellent conductor and thus allows the current to flow to ground without causing any heat damage. If the strike occurs in the active range of the lightning-rod system, the system will have a very low-resistance path and can then receive a "jump," diverting the strike current to ground before it can do any more damage.

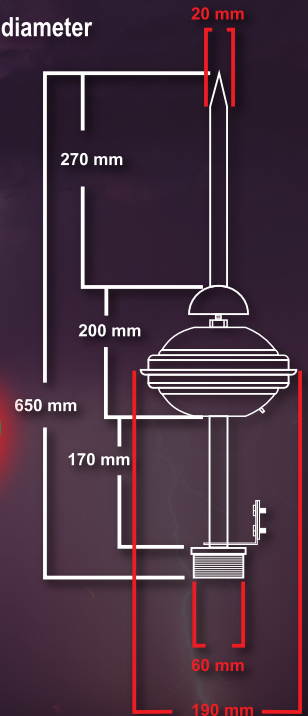
- 214 m maximum protection diameter
- 304 grade stainless steel
- Easiness to test
- Remote testing option

5 YEARS
STAINLESS STEEL
GUARANTEE

2 YEARS
MANUFACTURE
GUARANTEE

Electronic
Type

NFC
117/02
2011



ALFA (S-SJ)

TYPES OF BASIS



ODTÜ

NFC 17-102
2011

