



THOR spark igniter

It is common knowledge in the world of gas-infrared point heating, that spark igniters often cause disturbances in the installations. Developing a trouble-free spark igniter will increase the availability of gas-infrared point heating installations considerably. That is the main reason *PINTSCH ABEN* engineers developed recently a new spark igniter which they called **THOR**, after the God of Thunder.

Important improvement is the new electronic control circuit which generates 2 powerful 3 kV sparks within 1 second after switching-on the power supply. This fast response time is independent from the operating ambient temperature. Furthermore, the **THOR** operates on any AC voltage between 40 and 60 Volt. Advantage is that you can allow higher cable losses for far-away switchpoints compared to the conventional 42 Volt spark igniters, resulting in higher availability.

Igniter fall-out is are often caused by moisture, penetrating the electronic circuit because the casted resin protection loses its flexibility and cracks. *PINTSCH ABEN* found in the market a new type cast resin having very good attachment, elasticity and altering characteristics. The new **THOR** has been tested extensively during 3 heating seasons in The Netherlands without a single defect reported.



FEATURES:

- ☛ Fast temperature-independent response time of 1 second
- ☛ Double-spark technology offers higher burnerpipe availability
- ☛ Casted connection cable with connector at 400 mm. avoids damages
- ☛ High moisture resistance through application of newest type cast resins
- ☛ Operation voltage 40 - 60 Volt AC
- ☛ 3 Year warranty



Conventional spark igniters had a cable connector on the igniter housing. Despite the aluminium protection ridge, it could happen that the plugged-in connector was damaged and broke off. To eliminate all possible damages, the cable is now casted into the housing while the cable connectors are located at 400 mm. distance.

Delivery of the new **THOR** spark igniter includes a 3-year warranty .