

**By combining state-of-the-art production techniques and materials, these electric rappers offer consistent high performance and long service life.**

### Orthocyclically wound coils

Repeatable accuracy in each rapper is assured by the use of microprocessor controlled orthocyclic coil winders. This means that unlike random wound coils, windings are in exactly the same place from one coil to the next. So identical performance can be expected from unit to unit. Coils are wound from Class H (180 C) copper wire

### Wet winding

Air pockets in magnetic coils interfere with efficient heat transfer. These rapper coils are wet wound to eliminate air pockets. Epoxy is applied to each layer as it is wound. This not only provides optimum heat transfer but also improves dielectric and mechanical strength.

### Wear resistant tube

Glass filament construction was selected for the tube because of its wear resistance and ability to withstand abuse. It has extremely low water absorption and excellent dielectric strength to ground.

### Precision, moisture sealed housing

Mounting plates, bolt holes and end caps are precision plasma cut. Housings are assembled using spool fed MIG welding. They are silicone sealed to prevent moisture from invading the electrical circuit.

### Choice of electrical connections

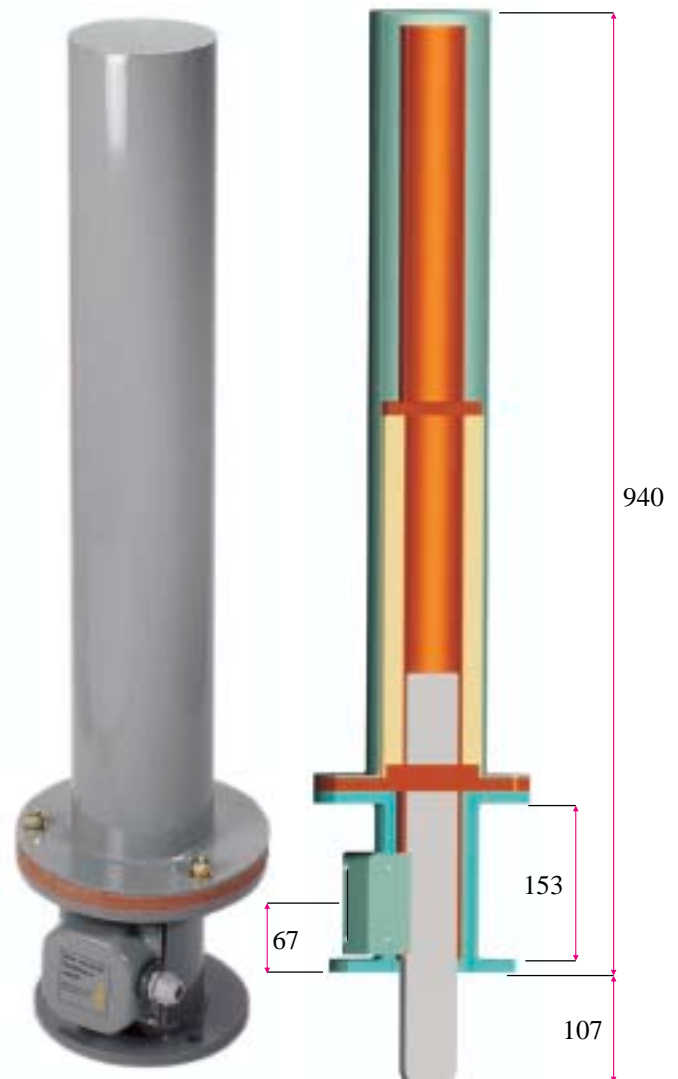
Available with either cord or terminal box connections. Both types are dust and weather proof and are suitable for open air installation.

### Plunger options

Available with or without 3.6 kg or 9 kg plunger. Optional stainless steel tipped plungers are also available.

### Other models

A comprehensive line of standard electrical and mechanical configurations are available. Custom designs are also available.



### Technical Specifications

Voltage	120 VDC
Peak Current @ 120 VDC	32 A
Weight without plunger	17 kg