Infrafone Pulsator

The pulsator is the heart of the Heat Management Infrafone Soot Cleaner. The Pulsator is fed with compressed air, which is then converted into infrasound waves. The powerful infrasound waves are then transferred into the flue gas flow, building up a sound pattern that prevents soot build-up in the targeted area of the boiler.

The pulsator operates according to the so-called positive feedback system, which means that it is the sound pressure created inside the resonance tube that regulates the compressed air flow with great exactitude, allowing extremely efficient compressed air consumption and maximum acoustic power.

The pulsator is available in different sizes depending on the required acoustic power of the application. The pulsator is an integral part of the Infrafone Soot Cleaner solution. Former generations can easily be upgraded with the new generation of Pulsators.

Features

- Improved acoustic power
- Reduced compressed air consumption
- High pulsator efficiency
- Easy upgrade of existing installation
- Easy maintenance, less than 5 hours per year
- Improved spring reliability
- Very high availability, more than 99%

Compatibility

- All previous generations of Infrafone Soot Cleaners can be upgraded to the current generation of Pulsators

<table>
<thead>
<tr>
<th>Data</th>
<th>EGP-6</th>
<th>EGP-8</th>
<th>EGP-10</th>
</tr>
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<tbody>
<tr>
<td>Length</td>
<td>299 mm</td>
<td>312 mm</td>
<td>316 mm</td>
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<tr>
<td>Diameter</td>
<td>168 mm</td>
<td>223 mm</td>
<td>271 mm</td>
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