

USER SONIC CLEANING SYSTEM (INSONEX)



WHAT IS THE INSONEX ?

A highly efficient sound emitter in the INSONEX. The long wavelength makes it possible to fill a very large space with considerable volume of sound. Although the infrasound itself is not audible it must be noted that all infrasound generators also create some audible noise.

The INSONEX sound emitter has a low basic frequency and is therefore suitable for use in very large boilers or in some special situation, where a sound emitter with a high frequency could be mistaken for an alarm signal. INSONEX activates dust particles by means of sound in closed spaces in e.g;

- Boilers, ekonomizerler (economisers) and air preheaters
- Electrostatic precipitators, cyclones.



TECHNICAL DATA

Frequency:	10-30 Hz (adjustable in 0.1 Hz steps)
Air supply pressure during signal:	0,4 - 0,7 MPa (4 - 7 bar) (58,0 - 100,0 psi)
Air consumption during signal:	230 - 390 l/s (8.1 - 13.8 cfs)
Air connection:	0,25 - 2,5 l/s
Weight:	100kg (220lbs)
Power consumption:	Solenoid valve: 24V DC / 14VA
Material:	Resonance tube: Galvanized steel End piece; Stainless Steel
Max. temperature:	End piece: 800°C (1472°F) Valve unit: 60°C (140°F)

