



**DID YOU KNOW THAT TEN TO FIFTEEN PERCENT OF  
SYSTEM BREAKDOWNS ARE DUE TO RODENTS ?  
DAMAGES BY RODENTS ARE NOT INSURABLE**

The  
power  
of  
**vibron**  
technology



## **MASER ULTRASONIC PEST REPELLER - VHF0 MODEL**

The Ultimate Solution for your down time problems  
Advanced Pest Control Management from Maser  
The power to flush out and repel rodents



## INTRODUCTION

Maser Ultrasonic Pest Repellers - VHFO Model are electronic transmitters of high frequency sound waves (well above the 20 KHz frequency which is the upper limit of the hearing range of the human ear.) They emit intensive sound at high decibel levels (sound pressure) that is audible and painful to pests, but is inaudible and harmless to humans. The pests usually leave the area being protected by ultrasound. They do not get killed.

## THE SYSTEM

Maser Ultrasonic Pest Repeller - VHFO Model is a system of one Master Console and accessories that include twelve Transducers, 300 yards of cables & a pair of stand bracket. The Master Console is installed in the main control room / server room and the Transducers in the problematic areas i.e. above and below false ceiling and below false flooring.

## HOW DOES THE MASER VHFO WORK?

The powerful sound waves generated by the Transducers of VHFO Model are within the hearing range of many pests and cause them pain and discomfort. Sometimes, the pests will leave the area being protected immediately and at other times it will take as long as four to six weeks before there is a significant reduction in infestation.

The Transducers are quiet. If you cannot hear them, do not think that the unit is not working. You cannot hear ultrasound.

## FEATURES

### 1. Master Console

The Master console needs a power connection of 5 A electrical plug point and comes equipped with a 3-pin power supply cord of 2.5 meters.

\* *Outsourced & Sold Separately (Resale)*

## 2. Accessories\*

### ◆ Transducers\*

- Each Transducer covers an open area of 300 sq. ft. when the average height of the ceiling is 10 ft. But if installed in the false ceilings or false floorings, it will cover an approximate area of 150 sq. ft. The whole system (12 nos.) will accordingly cover an open area of approximately 3,600 sq. ft. And if installed in false ceilings and false floorings, the area covered will be considerably less.
- Each Transducer occupies a maximum space of 8 cubic inches and is aesthetically designed to match your décor.
- Being monopolar in nature they can be installed in any sensitive area as there is zero risk of sparking.
- The Transducers can withstand high temperatures in the false ceilings and low temperatures in cold storages and air locks.
- The Transducers do not need a power connection.
- The Transducers can be tested on an audible range with the help of a self-testing facility.

### ◆ Cables\*

- 2 Core, flexible (14/40) SWG, specially coated CT Wires of 300 yards for connectivity between the Transducers and the master console.

### ◆ Stand & Bracket\*

- Powder coated Al. accessory for mounting of the master console.

## SPECIFICATIONS

- |                        |   |
|------------------------|---|
| 1) Configuration       | : One master console with 12 transducers* |
| 2) Operating frequency | : Above 20 KHz (variable)                 |
| 3) Sound output        | : 80 dB to 110 dB (at 1 metre)            |
| 4) Power output        | : 800 mW per Transducer*                  |
| 5) Power consumption   | : 15 W approximately                      |
| 6) Power supply        | : 230 V AC 50 Hz                          |
| 7) Dimensions          | : 16" x 8" x 4"                           |
| 8) Weight              | : 5.5 kgs approximately                   |
| 9) Mounting            | : Wall / table mounting                   |

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technology

## Maser VHFO installed at one of the sites



An I.L. Registered ISO 9001:2000 Company



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