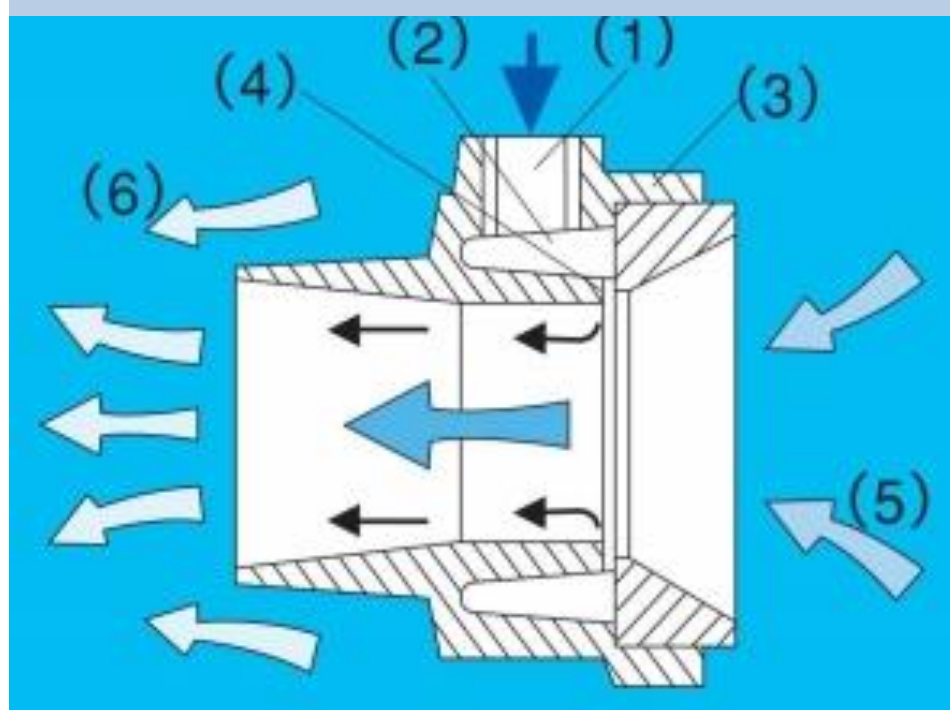




# TOHIN AIR SAVER

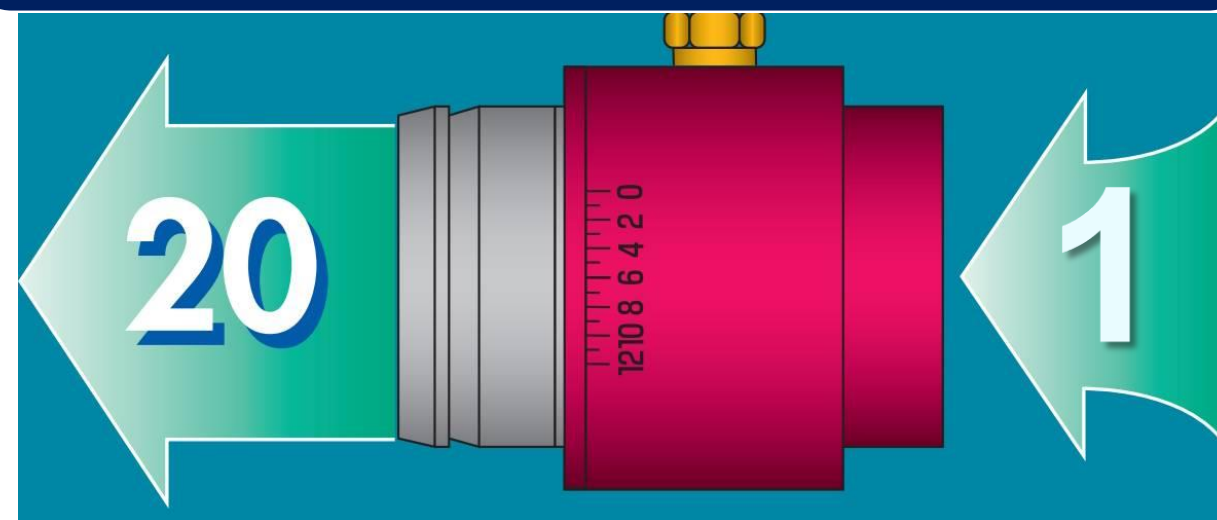
- ❖ TOHIN Air Saver is a revolutionary air flow amplifier that thoroughly pursues improvements in work efficiency and energy saving measures.
- ❖ The amount of compressed air consumed in working processes of a factory is an important issue in the energy saving of the entire system. TOHIN Air Saver is a breakthrough airflow amplifier that can amplify more than 20 times the volume of compressed air from an the air compressor.

## PRINCIPLE OF OPERATION



Compressed air flows from the small inlet (1) into the annular chamber (2). The air is then squeezed through annulus (3). Thin layer of air attaches to the cross section (4) and flows into the central axis of the air saver. Ambient air (5) is drawn into this fast airflow, and as a result, a large amount of airflow is occurred immediately. When high-speed airflow is used without ducting, a large amount of output takes in (6) from the surroundings and amplifies the airflow.

## AMPLIFY AIRFLOW MORE THAN 20 TIMES



### ◆ High Power

By attracting the ambient air, a large volume of air, more than 20 times of the input air, can be obtained, and the low noise leads to improved work efficiency.

### ◆ Low Cost

The necessary thrust can be easily adjusted by adjusting the scale. Since only the lowest amount of consumption is required, a large energy-saving effect can be expected.

### ◆ No Maintenance

No sliding parts are used, so there is no risk of malfunction.

### ◆ Safe Design

No electrical parts are used, so no explosion-proof protection is required and the safety is absolute.

### ◆ Small and light

Compact and light Aluminum material used. Installation is easy.

## Large Air Volume / High Propulsive Force - TS type

This is a large amplifier device used for blow-off, wire draining, exhaust, ventilation, air supply, pneumatic transportation, and drying processes that require large air volumes.



## Most Suitable For Air Blowing - GS / RS / BS



Compressed air flows out along the cone on the outer surface at the speed of sound from the gap around the nozzle circumference. It draws in external secondary air and amplifies it to about 20 times air volume.

- The material is aluminum alloy (Stainless Steel is also available)
- Noise: reduced by 10-20dB
- Air Consumption: reduced by 20-30%

**Product of Tohin Industry Co., Ltd, Japan**

**Distributed by TOHIN VIETNAM INDUSTRY CO., LTD.**

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