



S A M

SPIRAL AIR MOVER

BLOVAC

AUSTRALIAN MADE

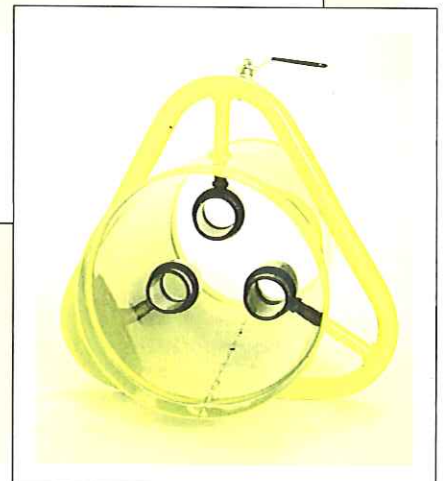
APPLICATIONS:

- ✓ Ventilation
- ✓ Fume Extraction
- ✓ Cooling
- ✓ Gas Conveying



Patent Pending Application No. PO6838

***Solving all your
ventilation problems!***



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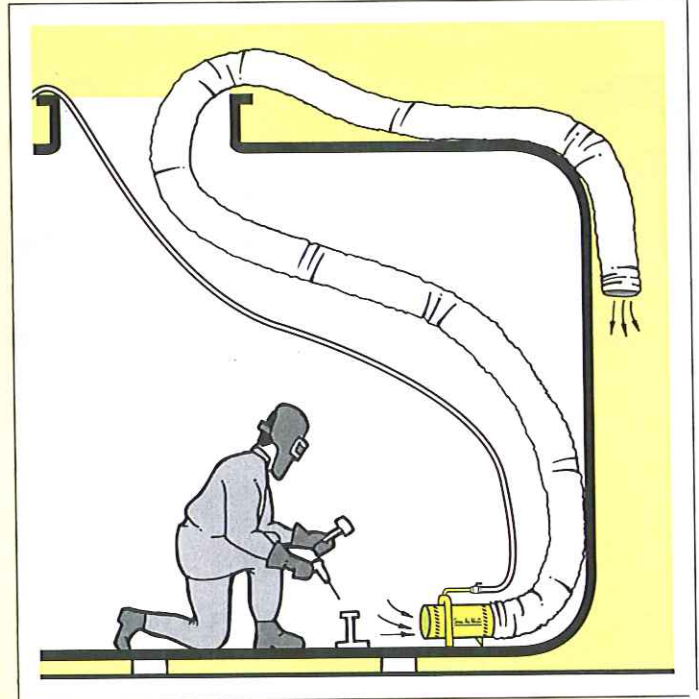
Introducing a new generation of high performance ventilation and cooling products - the **Spiral Air Mover (SAM)** range from BLOVAC. Designed primarily for the venting of fumes, heat and gases, **SAM** units can also be used for blowing outside atmosphere into given areas, not unlike using an electric fan.

The use of BLOVAC's unique patented spiral air technology means that contaminated air or harmful fumes and gases can now be transported over much longer distances. Compressed air is fired through a series of fine jets creating a spiral air flow in each of the venturis and entraining surrounding air causing a huge spiral thrust. For extremely long distances, several **SAM** units can be connected in series using flexible ducting or rigid tubing fitted to both ends of the main body.

With the emphasis on creating safer and more efficient working environments, BLOVAC's **Spiral Air Movers** can be used for a variety of applications, such as venting out sewerage pipes and tunnels via manholes; venting out holds on ships; extraction of harmful fumes or gases from oil, gas and chemical pipelines; cooling bakers ovens to allow for maintenance work to be carried out; fresh air ventilation and cooling of workers in confined spaces; incorporated into pipelines for gas conveying; ventilation in the mining industry.

When using **SAM** units to supply fresh air to confined areas, it is essential to ensure that the compressed air supply complies with international safety regulations. For this reason, it is preferable to ventilate such areas by extracting the contaminated air and allowing fresh air to flow in by natural means.

SAM



Ideal for the extraction of harmful fumes and gases from confined working areas.

Manufactured in 3 bore sizes - 4"(100mm), 8"(200mm) and 12"(300mm) - and available with a range of light and heavy duty flexible ducting hose, **SAMs** are easily carried, have no moving parts and provide a flameproof, environmentally friendly and maintenance free solution to your ventilation and cooling problems.

Model	SAM 4	SAM 8	SAM 12
Compressed Air Entry	1/4"BSP	1/2"BSP	3/4"BSP
Air Consumption at 100psi	25cfm	75cfm	100cfm
Output	750cfm	2250cfm	3000cfm



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