

Conservation Energy Systems

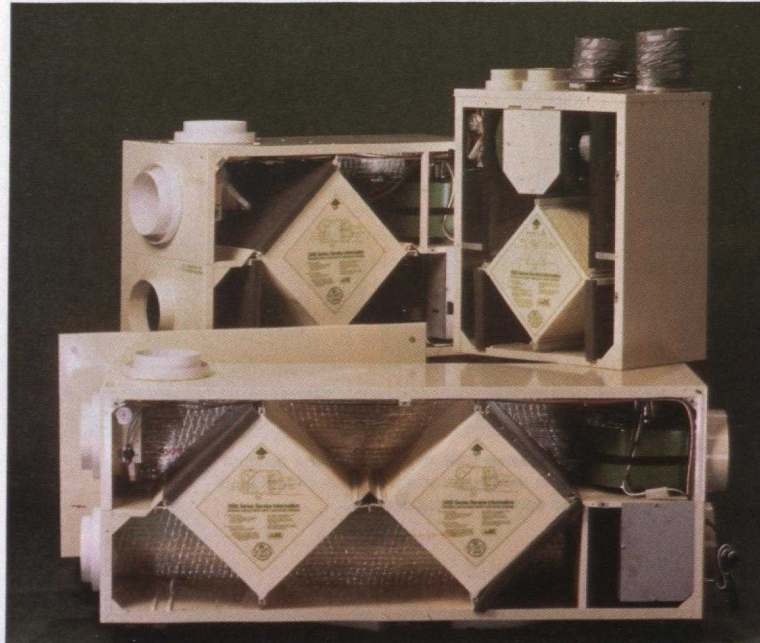
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■ Conservation Energy Systems (CES) is a leading manufacturer of residential and light industrial ventilation systems in North America.

Designed to reduce home air pollutants, the residential vanEE systems from CES solve indoor problems of high humidity, lingering odours and unpleasant, stale air. A powerful fan within the vanEE heat recovery ventilator brings fresh outside air through a filter to the heat exchange core. At the same time another fan draws unwanted exhaust air from bathrooms, kitchen and other rooms and channels it through alternate passages to the same core. Without mixing together, the two air streams pass each other so that the heat is transferred from the exhaust air to warm the incoming air which is then distributed throughout the house.



CES manufactures residential and light industrial ventilation systems that solve high humidity, lingering odour and stale air problems.

The vanEE 1000 Series has a capacity of 115 CFM and is sized to match upper cabinets for a concealed installation in single rooms, mobile homes and small houses. The powerful vanEE 2000 Plus, designed for large homes, is super-efficient with up to 95 per cent apparent heat recovery. The vanEE 7000 Series is a multi-purpose heat-recovery ventilator engineered for large residential, commercial and light industrial applications. It has an airflow capacity of 700 CFM.

The vanEE ventilation systems are in great demand throughout North America because they offer exceptional reliability in terms of performance, engineering design and service.

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■ Conserval designs and builds SOLARWALL® industrial and commercial make-up air systems.

The SOLARWALL® system uses previously unused process heat in the building and solar energy collected from the south wall to heat the outside air and distribute it throughout the facility. Specially designed high-efficiency jet fan units, installed at regular intervals along the wall near the roof, draw outside air over the SOLARWALL® to absorb the solar heat from the siding and distribute the heated air throughout the plant. The air mixes with the hot stratified air and falls to the floor level, warming the work areas. This steady supply of outside air corrects the negative pressure problem and stops the infiltration of cold air.

The SOLARWALL® is a cost-competitive, energy-efficient alternative to fossil fuel-fired make-up heating. Conserval offers complete engineering, equipment and contracting services for the SOLARWALL® systems.

Major SOLARWALL® installations with fresh air supply capabilities of up to 350 000 CFM are operating in North America and Europe.