

PRO•SERIES

STAMP OF APPROVAL



Is your lounge HOT but your bedroom's NOT?

HEAT•TRANS

Heat Transfer

Warm your whole house



Scorimar

Why Choose Heat Trans?

- **“Heat Trans” - the Professional Series** of Heat Transfer products, with added benefits such as “whisper quiet” acoustic duct, is the professional’s choice!
- High quality, long life fan motors. Securimax has 24 years experience in providing ventilation solutions and will always select the best fan for the application. Each kit incorporates a different fan which is designed to provide the correct air flow and pressure requirements for the situation.
- Heat Trans uses “whisper quiet” Acoustic Insulated duct. This is used to achieve maximum heat transfer with minimum noise. This ducting meets ALL building code requirements.
- Adjustable round outlet diffusers allow balancing of the airflow to each room and are easy to install - diffusers just ‘push and click’ into place, with long spigots for easy duct connection.
- All Heat Trans Kits include a full **Three Year Warranty**.
- Heat Trans carries the Pro-Series Stamp of Approval. This stamp denotes products which meet the requirements of the professional market which provides for complete consumer satisfaction.

For experienced advice email: sales@securimax.co.nz.



Heat Trans Product Range

Heat Trans offer a complete heat transfer range of room kits, extension kits, fittings and accessories.

Room Kits - Complete kits which allow you to start transferring excess heat from one room to another

- **THRU WALL KIT**
- **ONE ROOM KIT**
- **TWO ROOM KIT**
- **THREE ROOM KIT**

Extension Kits - These kits can be added onto the 1,2 or 3 room Heat Trans Kits

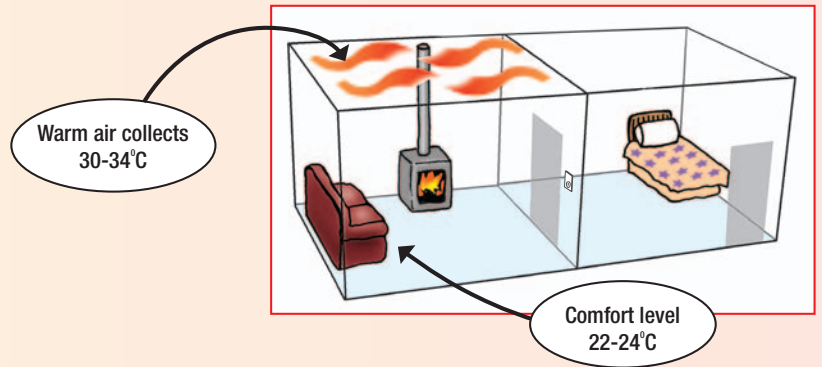
- **ONE OUTLET EXTENSION KIT**
- **SUMMER EXTENSION KIT**

Plus a full range of fittings and accessories

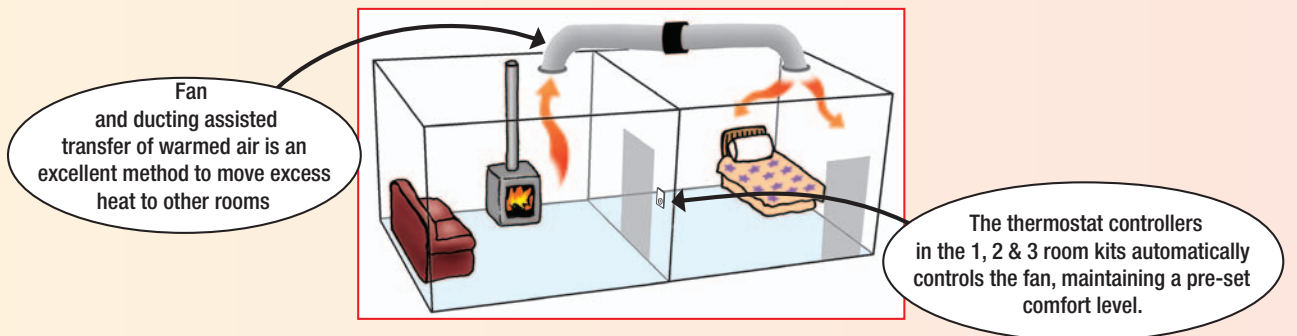


Heat Trans Facts...

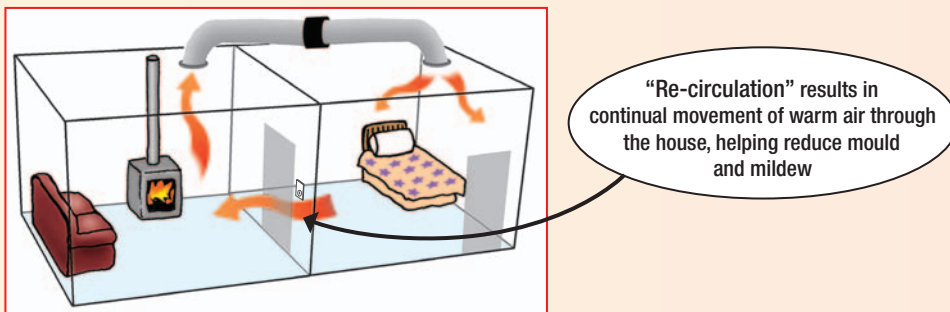
1 Hot air collects at ceiling level.



2 Excess hot air can be transferred to other rooms, rather than wasted.

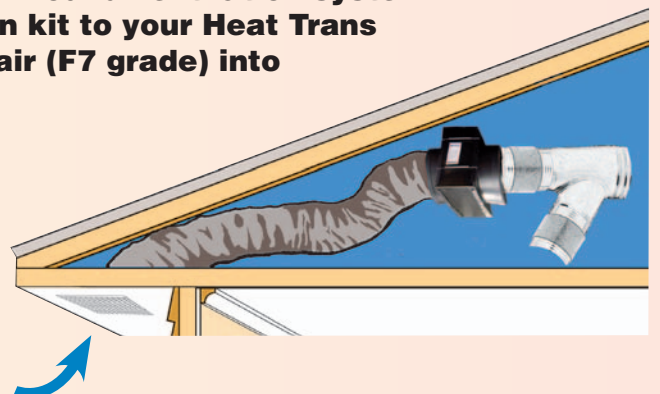


3 Natural re-circulation occurs throughout the home due to an imbalance in air pressures.



4 HEAT TRANS can move warm air from one room to a single room or multiple rooms.

5 You can turn your Heat Trans kit into a year round ventilation system. The addition of the Summer-Vent Extension kit to your Heat Trans kit enables you to introduce fresh filtered air (F7 grade) into your home during summer.



What do I need to consider?

1. Is your fire/heater generating excess heat?

If so, then a Heat Trans system can transfer this previously wasted heat to other rooms in your home.

Note: Where gas appliances are used for the heat source, please refer to The Building Code (Section G4/ 2.2) and the gas heating installation company for advice.

2. How many rooms do you wish to transfer the heat to?

Standard Heat Trans Kits are available in Thru Wall, 1, 2 and 3 room kits. The 3 room kit can be extended using a 1 outlet extension kit to create a 4 outlet/room system. If larger systems are required Securimax are fully equipped to custom design systems to meet your requirements.

3. Where do you place your inlet grille?

We recommend placing the inlet grille on the opposite side of the room to the heat source. This allows the room to warm first before transferring excess heat and assists in the circulation of warm air within the room.

4. Can you control which rooms you want heat transferred too?

The round outlet diffusers can be fully adjusted in each room. If you require more heated air entering one room than another then simply adjust the diffusers to your requirements. You can also completely shut off a diffuser if you do not wish to deliver the heated air into a particular room (perfect for guest bedrooms).



5. Can you connect the system yourself?

Securimax recommends that an electrician installs the system to ensure all electrical regulations and guidelines are met. The fan motor requires an earthed connection to the mains supply.

6. Can you extend the Heat Trans kit duct lengths?

All kits have the ability to be extended where additional ducting lengths are required (Duct order code: DCT0633)

1 room kits can be extended to a maximum length of 12 metres (6 metres supplied in kit).

2 room kits can be extended to a maximum length of 21 metres (12 metres supplied in kit).

3 room kits can be extended to a maximum length of 24 metres (15 metres supplied in kit).

The 1 room extension kit comes with 3 metres of duct.

Frequently Asked Questions

1. Why would you use Acoustic Insulated Duct?

A lot of heat is lost when transferring to other rooms if ducting is not correctly insulated, due to the cooler temperature of the ceiling space. In addition to retaining heat within the system the 'whisper quiet' acoustic insulated duct also reduces the system and air noise to an inaudible level.



2. How much power will this system use?

Power consumption for the one room kit is an amazingly low 40W, this is equivalent to half the power consumption of an average sized light bulb. The two room system uses up to 80W and the three room system up to 110W.

3. What does the controller do?

The thermostat controller automatically controls when the fan will switch on/off, maintaining a pre-set comfort level in your lounge. The fan will start when the temperature in the heated room exceeds a pre-set temperature. The 2 and 3 room kits also include a 3 speed fan and upgraded controller. The controller controls both the 3 speed fan as well as the temperature giving you ultimate control over how fast you want the heated air to be extracted to the other rooms.

4. What if the fan takes too much/or not enough heated air from the room?

The thermostat controller can be set to your preferred temperature, heat will only be transferred once your lounge has reached the temperature. Both the 2 and 3 room Heat Trans kits come complete with a 3 speed fan controller, this alleviates any issues by giving you control over the volume of heated air being transferred (choose between low, medium or high speed).

5. Can I transfer heat to 4 rooms?

Yes. The One Outlet Extension kit can be added to a 3 room Heat Trans kit to create a 4 room system.

6. Can I turn the Heat Trans kit into a ventilation system in summer?

Yes. The Summer-Vent extender kit can be added to any 1,2 or 3 room kit which will allow fresh filtered air to circulate through your Heat Trans outlets in your house in spring and summer.

Heat Trans Extension Kits

Summer-Vent Extension Kit

Introduce fresh cooler air into your home in summer with the Summer-Vent Extension Kit. Why have a system just for the winter months when you can now have the option to run the system all year round? You can run your Heat Trans system in Autumn & Winter and the Summer-Vent Extension system in Spring and Summer. This kit can be added to any Heat Trans 1,2 or 3 room system.

How the system works

Incorporated in the kit is an inlet grille, F7 grade filter, ducting & a damper assembly. The inlet grille is installed under your soffit/eave, duct is then connected to the grille in the roof space followed by the filter which is then connected to your Heat Trans system via a damper. In summer a simple change over of the damper (via a standard wall switch in your house) will start the summer feature. The fan will pull air from outside rather than from the lounge, the cooler outside air will pass through an F7 grade filter and be distributed through your Heat Trans room diffusers.



Please note: when the summer feature is working the lounge/warmed room inlet will be switched off via the damper and therefore will not receive the cooled air directly from outside however due to an imbalance of air pressure a natural re-circulation occurs (as shown in diagram no.3).

Frequently Asked Questions

1. When is the best time to install the system?

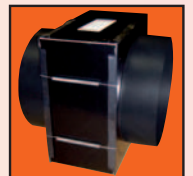
Install the Summer Kit at the same time as the Heat Trans system, your electrician can install both at the same time.

2. Can I add it to my already installed Heat Trans system?

Yes, the Summer-Vent Kit can be added to any existing 1,2 or 3 room Heat Trans system. When adding this system to a one or two room Heat Trans system, simply use the two reducing connectors supplied. Access in the roof space will be required to add the Summer-Vent extension kit to your existing Heat Trans duct, you will also require access to your soffit from inside the roof so the inlet grille can be installed (as shown in the picture above).

3. What does the F7 filter do?

The F7 grade high efficiency filter is designed to capture up to 90% of fine dust, pollen and allergens from the air making it cleaner and safer to breathe. A high quality F7 filter is a must for families with asthma and allergy sufferers.



4. How do I control the system?

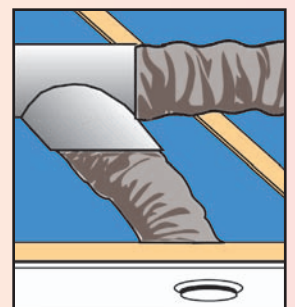
The system can be wired up to a standard wall switch (not supplied). This switches the damper to either heat or cool mode depending on the season. At the start of summer you just flip the switch to 'cool' and the system will start bringing in fresh filtered air from the outside. During summer the system is still controlled by your existing Heat Trans thermostat controller, by turning the temperature down (e.g. 15 degrees) the system will start when the temperature in the room rises above this set temperature. When the seasons change and it is time to start transferring heat flip the switch and re-set your temperature on the controller.

Pro-Series One Outlet Extension Kit

You can now add the Pro-Series One Outlet Extension Kit to your 3 room Heat Trans Kit to create a 4 room system. This kit includes everything you need to extend your Heat Trans system, it can even be added to an installed 3 room Heat Trans system.

Please note:

Ensure that your heat source is generating enough excess heat for a four outlet system.



HEAT-TRANS

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HEAT-TRANS THRU WALL KIT

Axial Flow 100mm Diameter Fan
 100mm x 400mm Diameter Ducting
 1 x Fixed Grille
 All Fittings and Fixings Included



Order Code: FAN0005

HEAT-TRANS ONE ROOM KIT

1 x Thermostat Controller
 1 x Axial Flow 150mm Diameter Fan
 2 x 3 Metres - 150mm Acoustic Insulated Ducting
 1 x Circular Spidervent Inlet Grille
 1 x Adjustable Circular Design Outlet Diffuser
 All Fittings and Fixings Included



Order Code: FAN0325

HEAT-TRANS TWO ROOM KIT

1 x Thermostat/ Fan Speed Controller
 1 x 150mm 3 Speed High Performance Fan
 4 x 3 Metres - 150mm Acoustic Insulated Ducting
 1 x Y Branch (Splitter)
 1 x Circular Spidervent Inlet Grille
 2 x Adjustable Circular Design Outlet Diffusers
 All Fittings and Fixings Included



Order Code: FAN0337

HEAT-TRANS THREE ROOM KIT

1 x Thermostat/ Fan Speed Controller
 1 x 200mm 3 Speed High Performance Fan
 3 x 3 Metres - 150mm Acoustic Insulated Ducting
 2 x 3 Metres - 200mm Acoustic Insulated Ducting
 1 x Double Branch Take-Off (Three Way Splitter)
 1 x Circular Spidervent Inlet Grille
 3 x Adjustable Circular Design Outlet Diffusers
 All Fittings and Fixings Included



Order Code: FAN0338

PRO-SERIES ONE OUTLET EXTENSION KIT

1 x Y Branch (Splitter)
 1 x 3 Metres - 150mm Acoustic Insulated Ducting
 1 x Adjustable Circular Design Outlet Diffuser
 All Fittings and Fixings Included

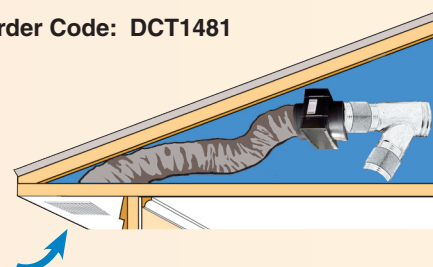
Order Code: DCT2101



HEAT-TRANS SUMMER-VENT EXTENSION KIT

1 x Branch Take Off (Splitter) including Dampers
 1 x 200mm F7 Filter Box
 1 x 3 Metres - 200mm Unilok Ducting
 1 x 200mm Fixed Grille
 2 x 200/150 reducers (only required if adding to a one or two room Heat Trans system)
 (Electrical: Single Throw, Double Pole Switch required - **not included**)

Order Code: DCT1481



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