



Transfer excess heat to other rooms in the home



HEAT TRANSFER SYSTEMS
www.heattrans.co.nz

“creating healthier homes”

Warming Up to the Task

HeatTrans systems are designed to transfer excess heat from a heat source room to other rooms in the home.

If your lounge is warm and comfortable but the rest of the house remains cold, then this system is what you need to efficiently use that warmth to reduce the chill in bedrooms, creating a drier, more comfortable environment throughout the home.

Standard HeatTrans systems include R0.6 acoustic insulated ducting to maximise heat retention with minimal air transfer noise.

Heat Retention Plus systems set the industry benchmark even higher in system-wide heat retention performance. In addition to its sound suppression abilities, the R1.0 thermally rated duct, delivers a 67% increase in duct heat retention performance over the R0.6 rated ducting more commonly used in standard heat transfer systems.

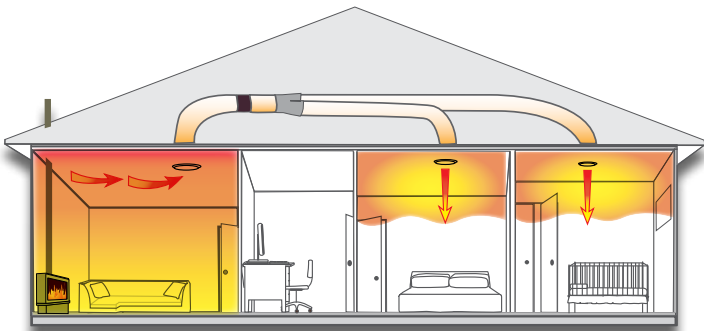
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YEAR
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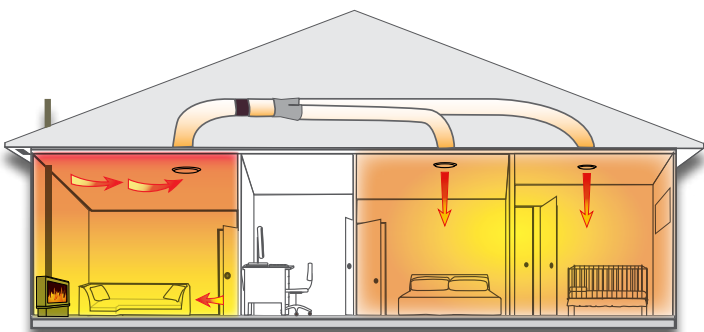
The 3 Step Process



Excess heat from the heat source rises to ceiling level where it is trapped. This excess heat can reach temperatures of 30-35°C.



This excess heat is drawn up using a high quality fan and is effectively transferred to other rooms via the insulated ducting.



Air movement occurs from the bedrooms back to the lounge creating recirculation of warmer, drier air throughout the home. This can also make your home healthier by helping to reduce mould and mildew.



HeatTrans Features

Automated Control

The automated touch screen controller and thermostat unit provides effortless control of the HeatTrans system with a clear large screen displaying the 'heat source' room temperature. The system automatically adjusts the fan speed to transfer the excess heat to other rooms in the home and return to the preferred temperature in the heat source room.

The timer function enables the system to be set to turn off as may be required.



Superior Fans

All HeatTrans kits use high quality, fans that have been specifically selected to deliver optimum airflow and pressure levels, which cost as little as an incandescent light bulb (45W - 85W) to run.

Whisper Quiet Air Transfer

The R0.6 and R1.0 insulated ducts both reduce air transfer noise to a minimum and deliver good levels of temperature heat retention during air transfer.

Adjustable Diffusers

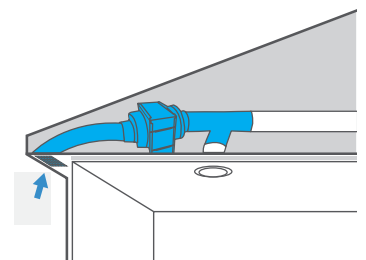
The airflow into each room can be balanced by turning the centre section of the diffuser to allow more or less air into each room. Simply twist to close the diffuser when the room is not in use.

Optional Upgrades

Summer Feature

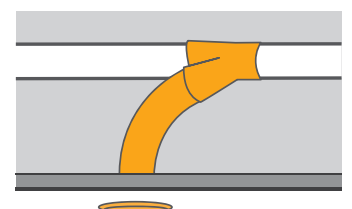
The Summer-Vent Extension Kit, for 2 and 3 room systems, draws cool air from an inlet grille in the soffit through a high efficiency F7 filter and circulates the fresher air around the home, via the existing HeatTrans ducting/outlets.

Note: When Summer Feature is active, a damper closes the lounge/heat source room inlet.



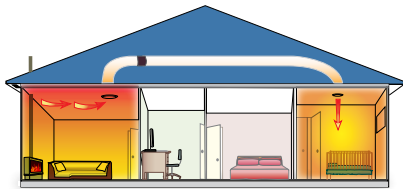
System Extensions

The Additional Outlet Kit is designed to extend three room HeatTrans systems so you can distribute warm air to four rooms. By adding additional outlet/s to your system you are able to divide the available heated air amongst more rooms.



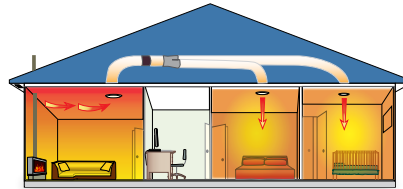
HeatTrans Systems

System Kit Contents	Standard			Heat Retention Plus			
	1 Room	2 Room	3 Room	1 Room	2 Room	3 Room	
	FAN0325	FAN0337	FAN0338	FAN7230	FAN7231	FAN6879	
Touch Screen Controller	1	1	1	1	1	1	
High Performance Axial Fan	150mm			1			
High Performance 2-Speed Fan	150mm	1			1		
	200mm					1	
Thermal Acoustic Ducting	150mm x 3m	R0.6	1	2	3		
		R1.0				1	2
Insulated Ducting	150mm x 3m	R0.6	1	2			
		R1.0			1	2	
	200mm x 3m	R0.6			2		
		R1.0					2
Round Inlet Grille	150mm	1	1		1		
	200mm			1		1	
Adjustable Round Outlet Diffuser	150mm	1	2	3	1	2	3
Y-Branch	150mm		1		1		
Double Branch Take Off	200-150-150-150mm			1		1	
Duct Tape	45mm x 5m	2	3		2	3	
	48mm x 30m			1		1	
Add-On Kits		FAN0325	FAN0337	FAN0338	FAN7230	FAN7231	FAN6879
Summer-Vent Kit	with FAN7194 Touch Screen Controller		DCT4543			DCT4543	
Additional Outlet Kit				DCT2101			DCT4349



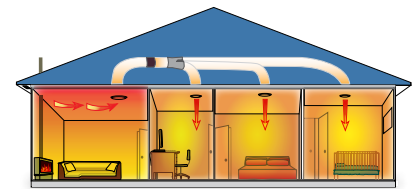
1 Room Kits

6 metres of ducting supplied
(can be extended up to 12 metres in total)



2 Room Kits





12 metres of ducting supplied
(can be extended up to 21 metres in total)



3 Room Kits

15 metres of ducting supplied
(can be extended up to 24 metres in total)

Through Wall Fan Kits

Through Wall Fan Kit	Duct (mm)	Fan Type	Max. Fan Watts (W)	Max. Fan Pressure (Pa)	Free Air Fan Performance		Specific Fan Power (W/l/s)	Sound dB(A)	Switching	Order Code
					(l/s)	(m³/hr)				
 <ul style="list-style-type: none">  Bluetooth  Variable Speed  Heat Transfer 	100	Axial	4	30	30	108	0.13	17-20	App Control	FAN7234
	100	Axial	20	20	23	85	0.87	41	Standard	FAN0005

Distributed by Simx Limited

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Specifications are subject to change without notice.

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