



**MANROSE**

Improving life indoors



**HeatTrans**

Transfer excess heat



**SmartVent**

better air = better health



**Simx**  
Lighting

innovative, reliable

# Product Catalogue

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HEAT  
TRANSFER  
SYSTEMS

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# Heat Transfer Systems

## System Selection Guide


| System              | Rooms  | Fan        | Free Air Fan Performance |                      | Ducting | Order Code |
|---------------------|--------|------------|--------------------------|----------------------|---------|------------|
|                     |        |            | (l/s)                    | (m <sup>3</sup> /hr) |         |            |
| Standard            | 1-Room | Axial      | 105                      | 380                  | R0.6    | FAN0325    |
|                     | 2-Room | Mixed Flow | 166                      | 597                  | R0.6    | FAN0337    |
|                     | 3-Room | Mixed Flow | 272                      | 980                  | R0.6    | FAN0338    |
| Heat Retention Plus | 1-Room | Axial      | 105                      | 380                  | R1.0    | FAN7230    |
|                     | 2-Room | Mixed Flow | 166                      | 597                  | R1.0    | FAN7231    |
|                     | 3-Room | Mixed Flow | 272                      | 980                  | R1.0    | FAN6879    |



| Add-On Kit        |  | System              | Rooms          | Order Code |
|-------------------|--|---------------------|----------------|------------|
| Additional Outlet |  | Standard            | 3-Room         | DCT2101    |
|                   |  | Heat Retention Plus | 3-Room         | DCT4349    |
| Summer Vent       |  with FAN7194 Touch Screen Controller | Standard            | 2-Room, 3-Room | DCT4543    |
|                   |  | Heat Retention Plus | 2-Room, 3-Room |            |
|                   |  with FAN5555 Touch Screen Controller | Standard            | 2-Room, 3-Room | DCT1481    |
|                   |  | Heat Retention Plus | 3-Room         |            |

Heat Transfer Systems

## Replacement Equipment

| Description   | System              | Rooms                  | Order Code |
|---|---------------------|------------------------|------------|
|  Touch Screen Controller | Standard            | 1-Room, 2-Room, 3-Room | FAN7194    |
|   | Heat Retention Plus |                        |            |

## 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)                    | (m <sup>3</sup> /hr) |                            |             |             |            |
|  | 100       | Axial    | 4                  | 30                     | 30                       | 108                  | 0.13                       | 17-20       | App Control | FAN7234    |
|  | 100       | Axial    | 20                 | 20                     | 23                       | 85                   | 0.87                       | 41          | Standard    | FAN0005    |

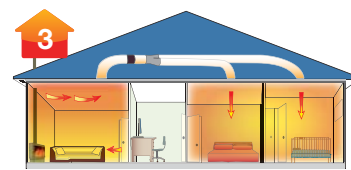
## How the HeatTrans System Works



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



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



Warm air is re-circulated throughout the home when the air moves back from the bedrooms to the lounge. This can also make the home healthier by helping reduce mould and mildew.