



Heart of a Healthy Home™

DVS® AIR TRANSFER SYSTEM OPERATING GUIDE

Brought to you by DVS®, the trusted name in Home Ventilation

DVS® has been at the forefront of home ventilation system technology for over 12 years, banishing condensation and improving air quality in more than 40,000 New Zealand homes.

The DVS® Air Transfer System, which is the latest addition to the DVS® range of products, will move heated or cooled air from your lounge (or wherever your main heating or cooling source is located) to the parts of your home that need some extra heating or cooling, such as bedrooms. The system is fully ducted and powered by a proven DVS® Air Handling Unit, with ceiling-mounted intake and outlet diffusers.

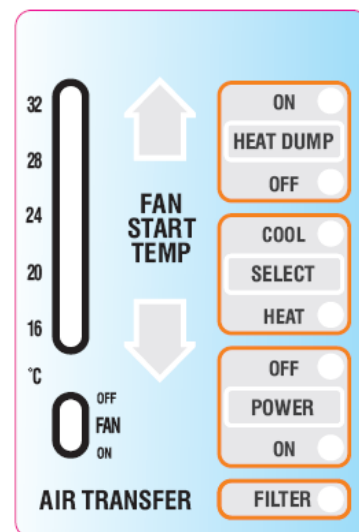
Getting started

To turn the system on, press the POWER button. The ON indicator light will display in yellow.

To set the temperature for operation within the range of 15°C (no lights) to 32°C (all lights lit), simply increase or decrease the number of lights by pressing the up or down arrows situated above and below FAN START TEMP. **Note:** the first two lights will display as red and green initially, but these stop showing once the third and subsequent yellow lights are displayed, i.e. above 18°C.

Each **fully lit** light represents a temperature increase of 2°C. Each **half-lit** light represents an increase of 1°C. For example, 4½ yellow lights will set the temperature at 27°C.

Heat When the DVS® Air Transfer System is switched ON, and the HEAT indicator light is displayed in red, the fan in the Air Handling Unit will automatically turn itself on - once the temperature at the intake diffuser is **above** the setting that you have selected. The fan will automatically turn itself off when the temperature at the intake diffuser drops back below the temperature you have selected. This means that when you go to bed at night you can lower the temperature setting so that the transfer of air will continue for a longer period of time.



Cool When the DVS® Air Transfer System is switched ON, and the COOL indicator light is displayed in green, the fan in the air handling unit will automatically turn itself on - once the temperature at the intake diffuser is **below** the setting that you have selected. The fan will automatically turn itself off when the temperature at the intake diffuser rises above the temperature you have selected.

Note: the system will remember the temperature settings when switching between HEAT and COOL.

Fan Speed Adjustment The fan speed, whilst adjustable, will be set when your system is first installed, and will be dependent on the size of your house. The speed can be set differently for operation on HEAT and COOL, and the system will remember the fan speed setting when switching between them. To adjust the fan speed, press the FAN START TEMP UP/DOWN buttons together. Speed is displayed as a single yellow light in a range of 1 to 7. The bottom yellow light is 400rpm and each step is an additional 200rpm.

**To return to normal temperature operation,
press the UP and DOWN buttons simultaneously again.**

You can leave the lights showing either temperature or speed setting. When showing temperature the Select Mode light is lit at a steady glow. When showing Speed the Select Mode light will flash. To change between them just press the Up/Down buttons simultaneously.

Power Off To turn the system off, press the POWER button. The OFF indicator light will display in yellow and the FAN OFF light will display in red.

Optional Heat Dump feature The system can also incorporate a feature that will allow excess heat from the house to be vented straight outside. If you have this feature installed, press the HEAT DUMP button. The ON indicator light will display in yellow and the system will automatically route the warm air to the outside via a vented grill. When enough heat has been removed, return the system to its normal operating mode by pressing the HEAT DUMP button again. The OFF indicator light will display in yellow.

Air Filter The system includes an in-line filter to ensure that dust and particles from the source area are not diffused into other areas of your home. This filter is the same high grade (G4) used in a DVS home ventilation system, and will need to be replaced annually. You can either install it yourself or ask DVS to install it for you for an additional fee.

To discuss filter prices, and your installation / delivery options, phone **0800 DVS DVS (0800 387 387)**.