



DVS® EC CLIMATE CONTROLLED

HUMIDITY SENSITIVE (MY20)

USER GUIDE

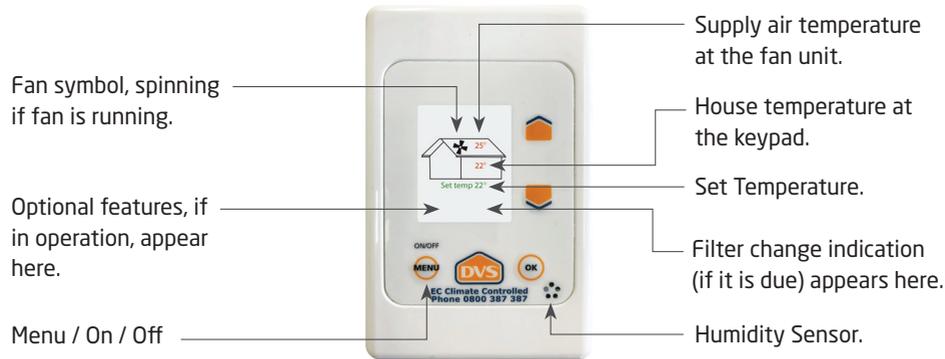


ENJOY A HEALTHIER, MORE COMFORTABLE HOME

0800 387 387

www.dvs.co.nz

Displayed on the home screen



Turning the system ON or OFF: Press and hold **MENU** to turn the system On or Off.

Set Temperature: Press the arrows to adjust. This is the temperature the system will try to achieve.

Set and Forget or Customise. You can, for example set this to 21°C. A typically efficient setting to provide good 'year round' performance, or you can adjust seasonally if you wish.

In Summer, if you select a Set Temperature of 18°C for example, the house will reach this temperature quickly. The system will turn off, preventing warm air being introduced. The system starts again when the air supply is cooler than 18°C.

In Winter, You could select a higher Set Temperature of 23°C for example. When, or if, there is heat available from the air supply, the system will be in Heat Recovery mode and will try to reach 23°C in the home more quickly.

Note: The system will continue to operate even if the roof space is cooler than the house. The system will reduce the air supply rate to a programmed minimum requirement when the air supply is cooler. The air flow rate can reduce further if you have Heat Retention activated,

however this may affect the performance of the system.

Standard Features:

To access the standard features: Press the **MENU** button. (This changes the screen to the first menu). Then move the highlight by using to select the desired function and press **OK** to enter that function. Press the **MENU** Button at any time to return to the previous screen.

Note: If there are optional features fitted they will be included on the first menu page.

Fan Settings

Access settings for Fan Speed, Heat Retention, Heat Recovery and Humidity Sensitivity.

Heat Retention. This automatically adjusts the fan speed (air supply rate) down in cold conditions if the air supply is cooler than the air inside the home.

Standard setting = 'OFF'.

If you experience cooling from the system you are able to activate this feature. We suggest making small changes of one segment at a time, then assessing the need to increase it.

Note: Altering the above Heat Retention Setting will alter the behavior of your system.

If performance is reduced, adjust this setting back to where it was originally set. If unsure please contact our service department before you alter any of the settings.

Heat Recovery. This automatically increases the fan speed (air supply rate) when there is enough heat to recover from the ceiling, and the house is not yet at, or above the Set Temperature (measured at the keypad).

Standard setting = 'ON' 7 segments.

Note: Heat Recovery and Heat Retention settings automatically adjust fans speeds once they are set. They can also be adjusted at any time.

Hum. Settings. For adjusting the sensitivity of the system to an air supply which is more humid than the air inside the home.

Hum. Settings - Hum. Sens. Sets the level of sensitivity of the system to the supply air being more humid than the air inside the home. Ranging from OFF, LOW, MED, Hi (high), V Hi (very high).

Standard setting = 'Hi'.

Hum. Settings - Hum. Time. Sets the time the system will allow supply air to be more humid than the inside air. So; this setting creates a delayed reaction, ranging from Instant, V Hi (15mins), Hi (30mins), Med (45mins), Low (60mins).

Standard setting = 'Instant'.

Note: Altering the Humidity Settings will alter the behavior of your system. If performance is reduced, adjust this setting back to where it was originally set. If unsure please contact our service department.

Fan Boost. When in Fan Boost, the system will operate at maximum speed (max air supply rate) for a set amount of time, and then it will revert back to condensation control speed.

Utilities

For access to: Setting the System Clock, turning the Backlight On/Off, setting the System Timer, Resetting the Filter Timer, viewing Temperature and Humidity graphs and System Diagnostics.

Optional Features

These includes the Tempervent Air warmer.

To access the optional features (if fitted): Press the **MENU** button. (This changes the screen to the first menu) Then move the highlight by using the arrows to select the desired option and press **OK** to select that option.

Mode: The way you want the optional feature to be activated. (Follow the prompts at the bottom of each screen to help you set these.)

Recommended Settings

Air Warmer:

Cooler months = 'ON - Mode = Temp (8°C) + Timer (ON 2100 / OFF 0700).

Fan Speed = (MED).

Note: This limits the time on and the air supply temperature below which the feature will operate.

Warmer months = 'OFF'.

Fan Speed: The Fan Speed the optional feature will run at when it is on.

Remember: Where you leave the highlight is the mode in which the feature will switch on. If a feature is currently active, it will show on the home screen in red.

Other Settings

You are able to choose alternative modes of operation for the above optional feature. If system performance reduces, please revert to the recommended settings.

Useful Tips

System Performance

Your DVS® will help to provide a healthier, drier living environment.

Ventilation, heating (in cooler months) and cooling (in warmer months) are all keys to providing a drier, healthier and more comfortable living environment.

Winter: (or cooler months). Your DVS® is programmed to supply enough ventilation for your home based on the size of your home. If the home is now drier, you may wish to reduce the level of ventilation using the Fan Speed adjustment (see page one). The ideal being to have the minimum level of ventilation while retaining a drier, healthier home.

If the home is not yet drier, you can increase the Fan Speed adjustment to ventilate at a higher level.

Summer: (or warmer months). Experience has found that increasing the Fan Speed setting to higher levels provides better ventilation in warmer months.

Note: Also see Set Temperature on page one. If you feel you have system performance issues e.g. wet windows, turn the system off and call DVS® so that we can assist.

Filter(s).

Maintenance of the equipment, including replacement of the air filter(s) with genuine DVS® filter(s), is required to ensure the durability and performance of the system for the warranty period and beyond. As the serviceable life of the DVS® filter(s) will vary with location and environmental factors outside of the control of the Company, Proven Systems Limited recommends replacing the filter(s) with a genuine DVS® filter(s) annually.

A message will show on the controller when your filter(s) are due to be changed

Contact DVS® to purchase filters or arrange for one of our service technicians to come and change your filter for you.

Five Year Warranty

DVS® Manufactured and branded products carry a 5 year on site parts and labour warranty. The warranty is dated (begins) on the day of installation and/or supply of the goods. Non DVS® manufactured and branded products carry the warranty provided by the specific product manufacturer.

The warranty covers manufacturing faults in the product (equipment) and product failure caused by incorrect installation.

DVS® System Installed on: _____ Invoice Number: _____

Installed by: _____

Filter(s) type and number: F7 MERV13 F6 Carbon MERV12