i Van®
Intelligent Control Panel
The easy way to control your living environment

Quick Guide

A first for the industry...the only complete underfloor gas and electric water and space heating system.

Integrated Controls
Room Heater Control
Pump Power (Off/Ready/Running)
Clock

Master Lights Awning
Water Heater Control
Mains electric connected (Amps in use - Heating System)
Battery status
Heater Timers

Home / Set Up and Options (Glowes red when gas is lit)

More Space, Faster Heat Up, More Heat, More Control®
Welcome to your Whale i Van®
The easy way to control your living environment

Wireless control of your Whale® Water and Space Heaters and Water Pumps from an intuitive touch screen display

What is i Van®?
• The easy way to control your living environment
• Simple, intuitive touchscreen display
• Easy to set programmable timers
• Controls power and temperature separately

How does Whale i Van® work?

The intuitive touch screen control panel communicates wirelessly with your Whale Water Heater, Space Heater and Water Pump, creating your ideal living environment. It simply guides you through setting your water heating and air temperature controls, and also allows you to programme timers (up to 3 per day) for each heater individually for ultimate comfort.
ROOM HEATER CONTROL - HIGHEST POWER YET!

From the home screen, press

Select the setting required:

Then set desired temperature using and

Return to home

Note: for maximum heat select

**Note** - the space heating will only turn on if the desired temperature setting is above the actual air temperature.

ROOM HEATER NIGHT SETTING

For quiet night time operation and to reduce energy consumption

select and a lower temperature e.g. 15°C for low electric night time (background) heating

ROOM HEATER FROST PROTECTION

Warms the vehicle to prevent damage to the heating and water systems that may be caused by cold temperatures. To enable Frost Protection press.

When selected, Frost Protection will activate when the temperature in your vehicle falls below 6°C, indicates that Frost Protection is ready.

Frost Protection operates using the lowest electric setting when mains supply is connected, or if mains is not connected, it will use gas as the power source.

**Please note:** Frost Protection will only activate if mains electric or gas is connected and turned on. If mains or gas is not connected, the Room Heater will ‘lockout’ and all settings will deactivate.

For more information on clearing lockouts - see Trouble-shooting Section.
WATER HEATER CONTROL

From the home screen, press

Select the setting required:

For standard heat up - select

WATER HEATER TIMED BOOST (ideal for shower time)

Select the setting required:

The water will heat up quickly for 15, 30, 45 or 60 mins, (see Setting Other Options for information on adjusting the Boost timer), then will automatically resume the previous heat setting.

Return to home

WATER HEATER FROST PROTECTION

To protect the water heater (only) from damage in cold temperatures.

To enable Frost Protection to prevent freezing at low temperatures, press

When selected, Frost Protection will activate when the temperature in your vehicle falls below 6°C, indicates that Frost Protection is ready.

Frost Protection operates using the lowest electrical setting (or if mains is not connected, it will use gas) as a power source.

Please note: Frost Protection will only activate if mains electric or a gas power source is both connected and turned on. If mains or gas is not connected, the Water Heater will ‘lockout’ and all settings will deactivate.

For more information on clearing lockouts - see Troubleshooting section.
WATER HEATER ECO MODE

When activated, Eco Mode maintains water temperature at an environmentally friendly 50°C - 55°C.

To activate Eco Mode, press  and select desired power function.

Indicates Eco Mode is off i.e. water heats up to 72°C.

Indicates Eco Mode is on.

PUMP CONTROL

From the home screen, press  The pump icon will show a yellow frame when that the pump is ready. The pump icon will turn green to show that the pump is running.

SET UP AND OPTIONS

SETTING YOUR CLOCK

To set the clock:
Press and hold the Home button to access ‘Set up and Options’

Press  
Use  and  to adjust the time

Use  and  to select the hour or minutes
SETTING YOUR ROOM AND WATER HEATER TIMERS

Set up to 6 timers (3 per heating device)

Press and hold the Home button.

Then press **Room Timer** OR **Water Timer**.

Use the `-` and `+` keys to adjust the heat setting.

Use the `<` and `>` buttons to move the cursor across to set energy source, on/off time.

For Room Heater only `<` and `>` can be used to adjust the temperature.

**Please note:** Water temperature is pre-set by Whale and cannot be adjusted.

**To activate timers**

Press `<<` to return to the home screen, then press.

When the timers have been enabled, the Timer icon will have a yellow frame.

When either heater has activated by a timer, the Timer Icon will turn green.

SETTING OTHER OPTIONS

**To enter the options menu:**

Press and hold the Home button.

Then press **Options**.

Use `<` and `>` to scroll through the options:

Mains Supply Maximum Current / Screen Brightness / Water Heater Boost Time / Screen Off After Time / Beep / Flashing Light / Proportional Control.

Set each option using the `-` and `+` keys.
WHALE HEATING SYSTEM - TROUBLESHOOTING

The Whale Space Heater and Whale Water Heater are equipped with an electronic diagnostic system which will detect fault conditions ranging from poor gas or d.c. supply to internal heater malfunctions. In the unlikely event of a failure, this is indicated by a red ‘!’ on the Space Heater or Water Heater icon. The Space Heater or Water Heater will not operate when a fault is indicated. When you attempt to operate the Space Heater or Water Heater, an error message will appear on the iVan screen. You must clear the fault code by following the instructions on screen. Wait for the fan to stop before cycling the power to prevent an overheat lockout.

POWER CONSUMPTION WARNING SCREENS

If any combination of heater settings exceed the Mains Supply Limit you have set or the maximum system limit of 16 Amps, a warning screen will appear. **Please note** - iVan does not monitor the current draw of other appliances.

Selecting ‘OK’ will return you to the power setting screen (for Space or Water Heater).

Selecting ‘OK’ will reduce the room heating or water heating power level below 16 Amps.

HOME

To return to the home screen at any stage, press the Home Button.

*A Whale® video shows a step by step demonstration of i Van® to help you get started. This video is also available at www.whalepumps.com/rv*
**Home / Set Up and Options**

- **Master**
- **Lights**
- **Awning**
- **Timers in Use**
- **Water Temperature (°C)**
- **Gas Power Setting in Use**
- **Mains Current (Required by Heating System)**
- **Battery Status**
- **Heater Timers**
- **Light Sensor**
- **Temperature Sensor**

**Integrated Controls**

- **Frost Protection Enabled**
- **Room Temperature (°C)**
- **Electric Power Setting In Use**
- **Pump Power (Off/Ready/Running)**
- **Clock (24 hours)**

**iVan model shown IV1004B**

**More Information?**

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**Whale Support**

For help or advice on your Whale Heating System

Please contact us.

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*Compared to previous Whale heating systems*