

Zero Volt Ioniser Remote Control Operation and Maintenance



Figure 1. Vermason 200325 Zero Volt Ioniser Remote Control

Description

The Vermason 200325 Zero Volt Ioniser Remote Control is designed to be used with the Vermason 200300 and 200305 Overhead Zero Volt Ionisers.

Packaging

- 1 Zero Volt Ioniser Remote Control
- 2 AA Alkaline Batteries

Features and Components



Figure 2. Zero Volt Ioniser Remote Control buttons

Button	Function
1 (◀)	Go Back / Power On
2 (▼)	Decrease
3 (▲)	Increase
4 (▶)	Go Forward / ID Reset

Operation

Turn the Zero Volt Ioniser Remote Control on by pressing the ◀ button. When the remote is first turned on, it will display address 000 with the blinking cursor on the digit furthest to the right. The three-digit address that appears on the LED display of the Overhead Zero Volt Ioniser must be entered into the Remote Control. Enter the address by using the ▼ and ▲ buttons on the remote to scroll through numbers and the ◀ button to move the cursor to the next digit. Once the address on the remote is set, press the ▶ button until the cursor is no longer present and the word "SET" disappears. The remote's display will remain in this state during the entire setup of the Overhead Zero Volt Ioniser.

The remote will automatically turn off after 1 minute of inactivity. If the remote turns off while the ioniser is in program mode, the remote must be turned back on, and the address must be re-entered to continue with programming.

NOTE: The ioniser's address in the following example is "123." The address should not be "123" on your remote but rather the address of the ioniser in which you would like to control.

SETUP

1 2 3 A Press the ◀ and ▶ buttons at the same time on the remote to enter ioniser setup mode. When the buttons are released, the ioniser should beep once and "Prog" should appear momentarily on its display. The display will then show the fan speed setting.

FAN SPEED

S P d 5 Press the ▼ or ▲ buttons on the remote to adjust the fan speed from "SPd 1" (lowest) to "SPd9" (highest) for operator comfort and satisfactory discharge time. Press the ▶ button on the remote to advance to the next menu. The next menu is for the balance adjustment of Fan 1.

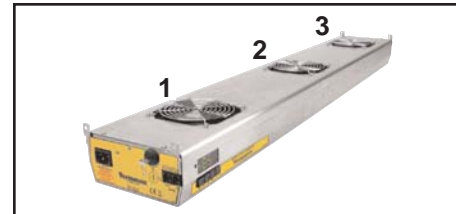


Figure 3. Overhead Zero Volt Ioniser fan numbers

FAN 1 BALANCE

B A L 1 Place a charged plate analyser under Fan 1 of the overhead ioniser (Vermason offers item #222670). Press the ▼ button (negative adjustment) or the ▲ button (positive adjustment) on the remote to adjust the balance of Fan 1. Press the ▶ button to advance to the next menu or press the ◀ button to return to the previous menu.

FAN 2 BALANCE

B A L 2 Place the charged plate analyser under Fan 2 of the overhead ioniser. Press the ▼ button (negative adjustment) or the ▲ button (positive adjustment) on the remote to adjust the balance of Fan 2. Press the ▶ button to advance to the next menu or press the ◀ button to return to the previous menu.

FAN 3 BALANCE (200305 Ioniser Only)

B A L 3 Place the charged plate analyser under Fan 3 of the overhead ioniser. Press the ▼ button (negative adjustment) or the ▲ button (positive adjustment) on the remote to adjust the balance of Fan 3. Press the ▶ button on the remote to advance to the next menu.

ALARM THRESHOLD

A L 1 5 Press the ▼ or ▲ buttons on the remote to adjust the alarm threshold of the ioniser. The alarm threshold can be deactivated (Al no) or set to ±5 Volts, ±10 Volts, ±15 Volts, ±20 Volts, or ±25 Volts. Press the ▶ button on the remote to save all adjustments and exit setup mode.

SAVE SETTINGS

S A V E Press the ◀ and ▶ buttons at the same time on the ◀▼▲▶ remote to save and exit within any point of setup mode. The ioniser will display "SAVE" and the status of the buttons: "On b" for ON or "OFF b" for OFF. The ioniser will then display its address.

RESETTING THE ADDRESS

To reset the remote control address ID, press and hold the ▶ button until the cursor is located under the third address digit. Repeat the setup mode procedure for multiple Overhead Zero Volt Ionisers.

NOTE: The remote can only program one unit at a time.

ENABLE / DISABLE BUTTONS ON THE IONISER

The ioniser must be in normal operation mode for the following commands.

Enter the address of the desired ioniser onto the remote.

O F F b With the cursor located underneath the first digit, ◀▼▲▶ press the ◀ button on the remote to go to the BUTTONS screen. Press the ▼ and ▲ buttons on the remote at the same time to disable the buttons on the ioniser. The ioniser will then display "SAVE" followed by "OFF b." This indicates that the buttons on the ioniser are disabled.

O n b Press the ▼ and ▲ buttons on the remote at the same time to activate the buttons on the ioniser. The ioniser should display "SAVE" followed by "ON b" to indicate a successful programming.

STANDBY MODE

1 2 3 S Press the ◀ button on the remote to go to the ◀▼▲▶ STANDBY screen. Press the ▼ and ▲ buttons on the remote at the same time to set the ioniser to STANDBY mode. The ioniser should momentarily display "Stby" then its address followed by an "S" to indicate STANDBY mode. The ioniser will power down, thereby shut down the fans and ionising circuitry. Press the ▼ and ▲ buttons on the remote at the same time to restart the ioniser.

Specifications

Carrier Frequency

38 kHz

Remote Range

3 meters

Dimensions

7.0cm x 12.5cm x 2.4cm

Weight

0.15 kg

Limited Warranty

Vermason expressly warrants that for a period of one (1) year from the date of purchase, Vermason Zero Volt Ioniser Remote Controls will be free of defects in material (parts) and workmanship (labour). Within the warranty period, a unit will be tested, repaired or replaced at Vermason's option, free of charge. Call Customer Service at 0044 (0) 1462 672005 for a Return Material Authorisation (RMA) and for proper shipping instructions and address. Any unit under warranty should be shipped prepaid to the Vermason factory. You should include a copy of your original packing slip, invoice, or other proof of purchase date. Warranty repairs will take approximately two weeks.

If your unit is out of warranty, Vermason will quote repair charges necessary to bring your unit to factory standards. Call Customer Service at 0044 (0) 1462 672005 for a Return Material Authorisation (RMA) and proper shipping instructions and address.

Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

Limit of liability

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