



Antea-VS

Vigipool antenna for
variable speed pump

OPERATING INSTRUCTIONS



Ref : PF10Y590(V02)

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Declaration of conformity



Warning

Read these instructions carefully before installing, commissioning and using this product



Warning

Install at least five feet from inside wall of spa or pool.



Warning

Prevent electrocution, disconnect power before servicing.

1. Technical specifications

| | |
|--------------------|---|
| Dimensions | 70 x 116 x 32 mm (2.8 x 4.6 x 1.3 inches) |
| Electricity supply | 12-15 VAC 0.15 A |
| Weight | 210 g (0.5 Lbs) (Antea-VS + supplied cable) |
| Protection rating | IP-55 |
| Bluetooth® | Low Energy (v4.x) Complies with the FCC Part 15 Subpart B / ISED ICES-003 |
| Wifi | 802.11 b/g/n and "dual band" (2.4 GHz only) Incompatible with 5 GHz WiFi networks |
| Compatible pumps | See 3.1 |
| Cable | 6x24 AWG length 3.5m (11.5 feet) included Extendible up to 40m (6x20 AWG minimum) |

2. Pack contents

| |
|--|
| One antenna Antea-VS |
| One wall bracket + 2 fixing screws and anchors |
| Cable: 6x24 AWG length 3.5 m (11.5 feet) |
| An electronic format manual (QR CODE giving access to this document) |

3. Description

The Antea-VS module can be used to control a multi-speed filtration pump and integrate it into a Vigipoolcosystem.

The use of a multi-speed pump offers several major advantages:

- Reducing energy consumption,
- Noise reduction,
- Increased pump life.

This box is connected to the filtration pump by a cable (length 3m50).

The Antea-VS is installed in addition to a TILD VP. Antea VS cannot be used without TILD VP

3.1. Compatible pumps

Compatible pumps:

- Hayward (Super Pump VS/THP VS)
- Pentair (Superflo VS/Whisperflo VS/StaRite IntellifloVS/StaRite SuperMax VS)
- Speck (Badu Eco Touch/Prime Eco VS)
- Zodiac FloPro VS
- Carvin Magnum Force V



Important

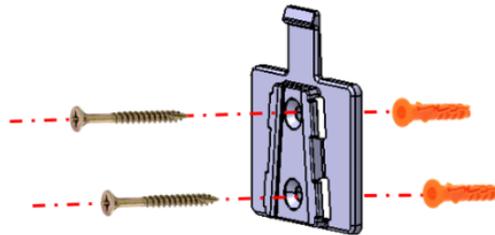
Antea-VS does not control the switching on and off of pumps; it is always installed in addition to a TILD VP.

4. Installation

4.1. Wall mounted installation

The Antea-VS

- can be installed outdoors, but it must be sheltered from rain, cleaning or watering spray, and UVs (sunlight).
- is spray resistant *but must not be installed in a floodable area.*
- must be placed on a level and stable support and fixed to the wall using the wall mount and the supplied anchors and screws:



Tip

Installing it outside the technical room can improve WiFi connectivity if the WiFi source is a long way from it.

4.2. Connection to electricity



Warning

Installation of this project involves a hazard of electric shocks. We strongly recommend you contract a professional installer. Incorrect installation puts you in danger and may irreversibly damage the product and the equipment connected to it.

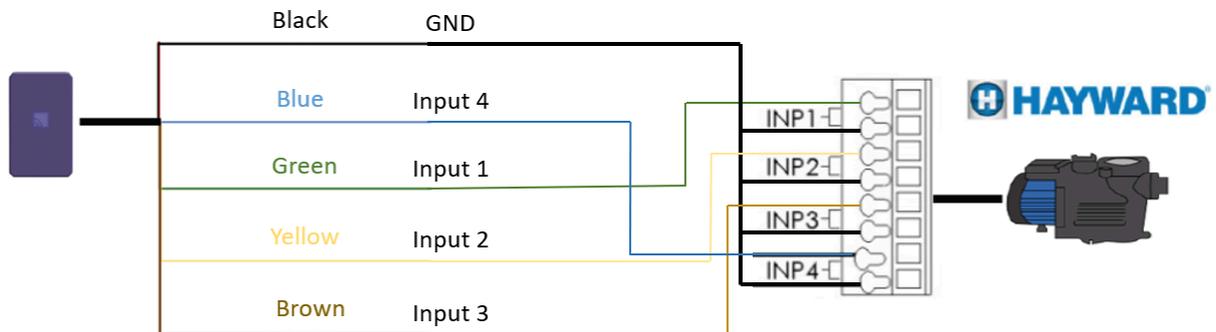


Important

Cut your pump's electricity supply before proceeding to open it.

Depending on the pump model, the connection can be made in different ways:

- Hayward (Super Pump VSTD)

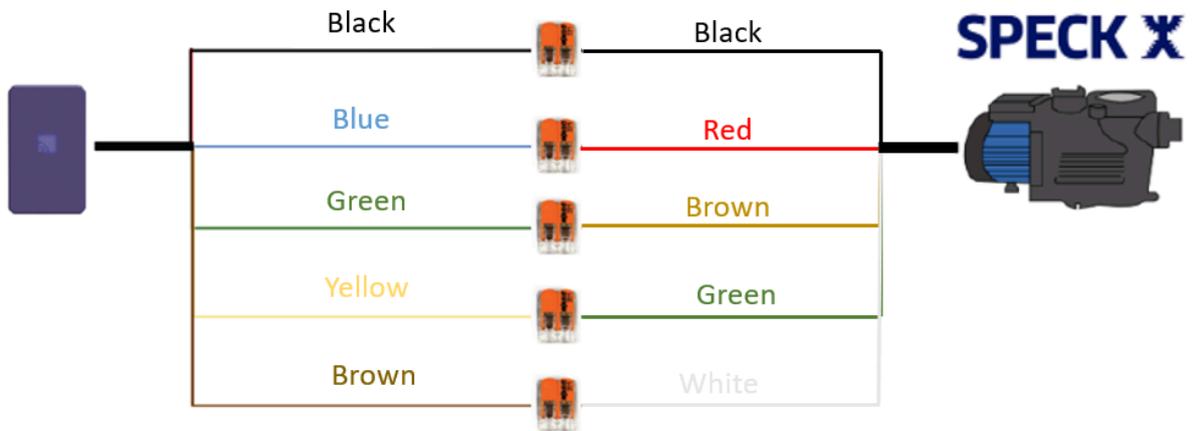


- Pentair (Superflo VS2/Challenger VS2/Whisperflo VS2/StaRite Intelliflo VS2)

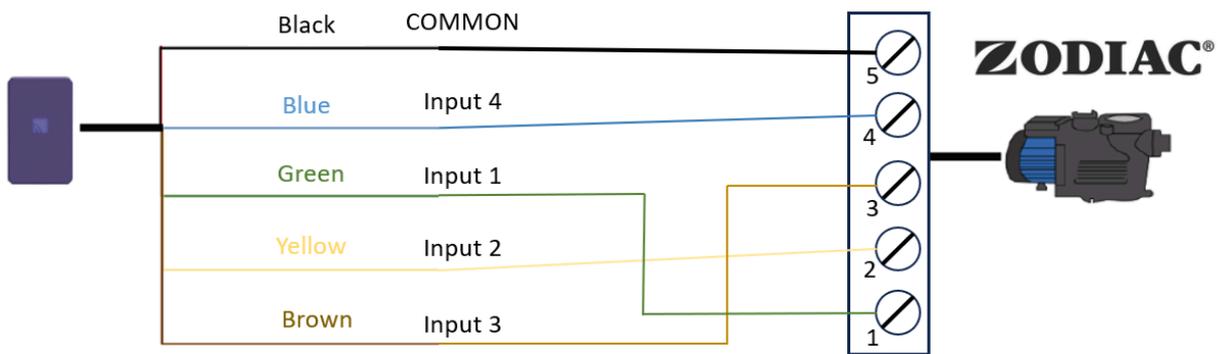
For Pentair pumps, an additional cable is required (Pentair Ref. 356324Z / CCEI Ref. PNPR0160). In addition, it is necessary to set the speeds on the pump so that $V1 < V2 < V3$ and to activate the "External Control Only" mode. Refer to your pump's manual.



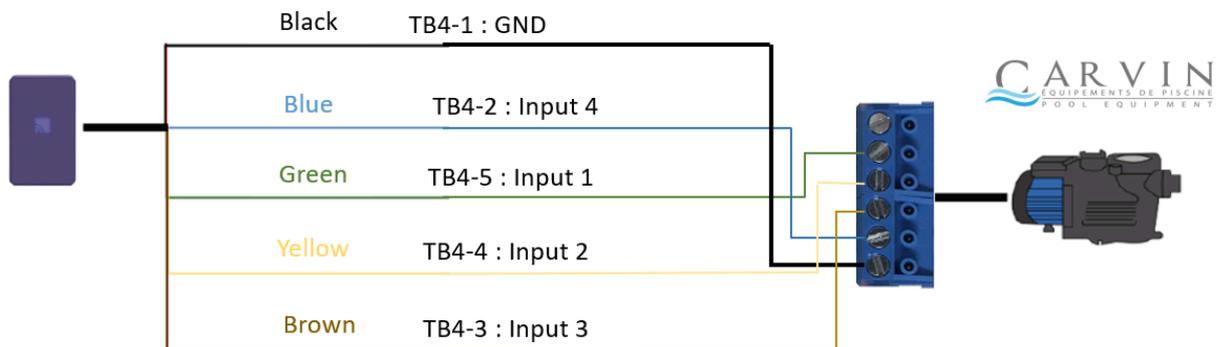
- Speck (Badu Eco Touch/Prime Eco VS)



- Zodiac FloPro VS



- Carvin Magnum Force V



5. Start up

5.1. Powering on

The system starts up as soon as the power supply is switched on.

On start up, the multicoloured indicator (A) on the front flashes while the device starts up.

5.2. Choice of the Vigipool "central unit" appliance



Tip

Please refer to the attached "Vigipool World" page for more information



Important

The Antea-VS must not be used in "Central" mode. It must be connected to a TILD VP, which is automatically in "Central" mode.

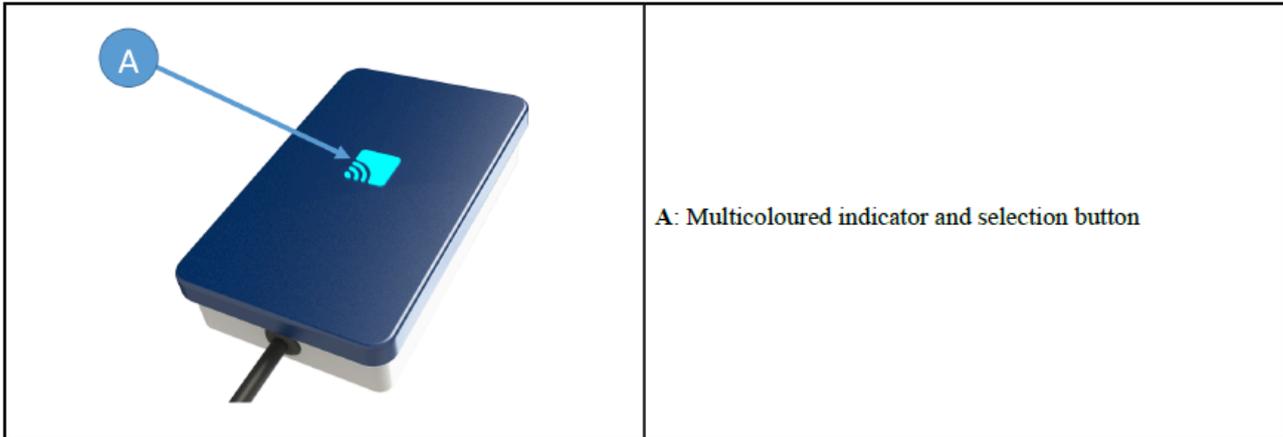
At the end of the initialisation phase (Red - White - Red sequence), the multicolour LED (A) flashes white. This corresponds to the choice of the appliance that will perform the Vigipool "central unit" function (see attached specific "Vigipool World" page) :

- If the installation only has this appliance, press the selection button (A). The appliance is then configured as a Vigipool "central unit" and other appliances can be added to the installation later.
- If the installation has several Vigipool World compatible appliances
 - And if an appliance is already configured as a Vigipool "central unit", press the button on the Vigipool "central unit" if it has been powered on for more than one minute. (If it has been powered on for less than a minute, there is no need to press its button). Your Antea-VS then connects to the Vigipool "central unit": It stops flashing white and switches to normal operation.
 - If no other appliance is already configured as a Vigipool "central unit", turn on all the appliances and press the button on the appliance you want to use as a Vigipool "central unit". The other products will then connect to the appliance you have validated as the Vigipool "central unit", they stop flashing white and switch to normal operation mode.



Tip

If you want to change the Vigipool "central unit" appliance, the system must be reset (see "Resetting to zero")



5.3. Applications iOS / Android

To download the Vigipool app, scan the QR CODE below. You can also search for Vigipool NA in the App Store or Play Store search engine:



5.4. Bluetooth® pairing

On the first connection (using Bluetooth), after having selected your appliance from the list, to pair your smartphone with the TILD VP, approach the smartphone until it is in contact with the appliance, when the application prompts you to do so and its indicator flashes blue quickly



Tip

Pairing is only possible via the Vigipool app. Do not attempt pairing from the smartphone's Bluetooth settings.

5.5. Adding new Vigipool devices

When the TILD VP is configured in Vigipool “Central unit” mode and you want to add other Vigipool-compatible equipment to your installation, the TILD VP must accept new equipment. To do this, perform the following action

- During the first 5 minutes after power-up, the TILD VP configured in “Central unit” mode accepts new equipment.



Tip

When the TILD VP is ready to accept new equipment, the multicolor indicator flashes green.

6. Operation

The operation of each pump is detailed in its respective manual. The Antea-VS allows the pump to which it is connected to be integrated into the Vigipool network via the Vigipool application.



Important

Antea-VS does not control the switching on and off of pumps; it is always installed in addition to a TILD VP.

6.1. Multicolour indicator

Depending on its status, the multi-coloured indicator (A) can have different meanings:

| | |
|----------------------------|---|
| Red - White - Red sequence | Device start-up sequence: This sequence is run at power-up. |
| Flashing white | Awaiting selection of the Vigipool "central unit" appliance. See section 5.2. |
| Steady blue | A smartphone is connected to the Antea-VS using Bluetooth. |
| Flashing blue (slow) | The Antea-VS is configured in Vigipool "Central unit" mode and the WiFi is not configured: Awaiting a Bluetooth connection. |

| | |
|---------------------------------|---|
| Flashing blue (fast) | Buetooth pairing in progress. See section 5.4. |
| Steady green | The Antea-VS is connected to WiFi or to its Vigipool "Central unit". |
| Flashing green | The Antea-VS is configured in Vigipool "Central unit" mode and accepts the connection of new Vigipool equipment. This state is normal during the first 5 minutes of power supply or 5 minutes after pressing button (A). See section 5.4. |
| Flashing purple | Firmware update in progress. |
| Red/ Green flashing alternately | If the Antea-VS is configured as a Vigipool "Central unit": Cannot connect to WiFi. Check the entered information and/ or the WiFi network coverage. Otherwise: Connection to the Vigipool "Central unit" impossible. |



Important

The Antea-VS must not be used in "Central" mode. It must be connected to a TILD VP, which is automatically in "Central" mode.

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CCEI Inc. (Quebec 1170122155) declares that the product Antea-VS is compliant with the safety and electromagnetic compatibility requirements FCC Part 15 Subpart B / ISED ICES-003 and is UL listed under the number E517110.



Pierre-Yves Flattot
Montreal, on 16/02/2026

Distributor's stamp

Date of sale: *Batch N°:*