Contents [hide]

irriPool CALITA 2 VS Variable Speed Pump

Specifications

- Product: Variable Speed Pump CALITA 2 VS
- Model: CALITA 2 VS
- Manufacturer: Irripiscine
- Power Supply: Alternating Current
- Rated Residual Operating Current: Not to exceed 30 mA

Product Usage Instructions

Safety Information

It is crucial to follow all safety measures during installation, maintenance, and start-up. The manual provides essential guidelines for safe usage. Ensure that only authorized personnel, who have read and understood the instructions, handle the product.

Recycling

This symbol is required by European Community Directive 2012/19/UE on WEEE (Waste Electrical and Electronic Equipment) and means that your appliance must not be thrown into a normal bin. It will be selectively collected for the purpose of reuse, recycling or transformation. Any substances it may contain which are potentially dangerous to the environment shall be eliminated or neutralised. Request information on recycling procedures from your retailer.

IMPORTANT SAFETY, INSTALLATION AND MAINTENANCE INFORMATION

This instruction manual contains basic information on the safety measures to be adopted during installation, maintenance and start-up. The fitter and the user must therefore read the instructions before installation and start-up.
The manual can be downloaded in PDF format at: www.irripiscine.fr

-  The units described in this Manual are specially designed for the pre-filtering and recirculation of water in swimming pools.

- They are designed to work with clean water at temperatures that do not exceed 35 ºC.
-  All assembly, electrical installation and maintenance work must be carried out by qualified, authorized personnel who have carefully read the installation and service instructions.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
-  Our pumps may only be assembled and installed in pools that are compliant with standards IEC / HD 60364-7-702 and required national rules. Should you have any doubts please consult your dealer.
- The pump can not be installed in the Zone 0 and Zone 1. To see drawing refer to Figure 1 -Installation zones.
- The pump is intended to be used while fastened to a support or while secured in a specific location in a horizontal position.
- See Table 2 – Specifications for maximum pump pressure (H max.), in meters.
- A sump with an adequate outlet for the liquid is considered to be placed where flooding is likely to occur.
- If a self-priming pump is to be fitted above the water level, the pressure differential to the pump suction pipe should not be higher than 0.015 MPa (1,5 mH2O). Ensure that the suction pipe is as short as possible as a longer pipe would increase suction time and the installation’s load losses.
- This unit requires a qualified professional for its installation and a conditioned AC installation.
- The unit should be connected to an alternating current supply (see data on the

pump's plate) with an earth connection, protected by a residual current device (RCD) with a rated residual operating current that does not exceed 30 mA.

- A disconnector must be fitted to the fixed electrical installation in accordance to the installation regulation.
- Failure to abide by the warnings can cause serious damage to a pool's fixtures or serious injury, including death.
- Observe the regulations in force on accident prevention.
- Before handling the unit, ensure that the power supply is switched off and disconnected from the mains.
- If the unit breaks down, do not try to repair it yourself. Contact a qualified service engineer instead.
- All modifications to the pump require the manufacturer's prior authorization. Spare parts and original accessories authorized by the manufacturer ensure greater safety. The pump's manufacturer may not be held liable for any damage caused by unauthorized spare parts or accessories.
- Do not touch the fan or moving parts and do not place a rod or your fingers near the moving parts while the device is working. Moving parts can cause serious injury or even death.
- Do not dry-run the pump or without water (the warranty will become null and void).
- Do not do any maintenance or repair work on the device with wet hands or if the device is wet.
- To not submerge the device in water or mud.
- Pumps without indication that they are protected against freezing shall not be left outside during freezing conditions.
- The pump is intended to be used in household and indoor environments and is not suitable to be used in commercial areas.

1. GENERAL SAFETY INSTRUCTIONS

These symbols () indicate the possibility of danger where the corresponding instructions are not followed.

 DANGER – Risk of Electrocution

Failure to abide by these instructions may lead to the risk of electrocution.

DANGER

Failure to abide by these instructions may lead to the risk of injury to people or damage to property.

WARNING

Failure to abide by these instructions may lead to the risk of damage to the pump or the installation.

OVERVIEW OF THE SYSTEM

Before starting, check that you have all of the parts shown in Figure 1.

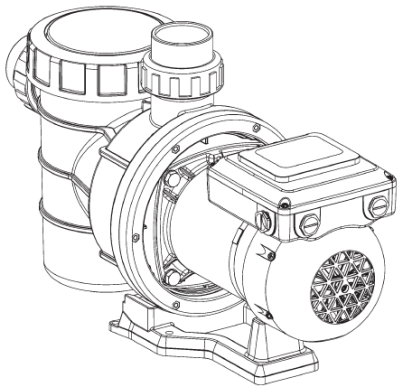
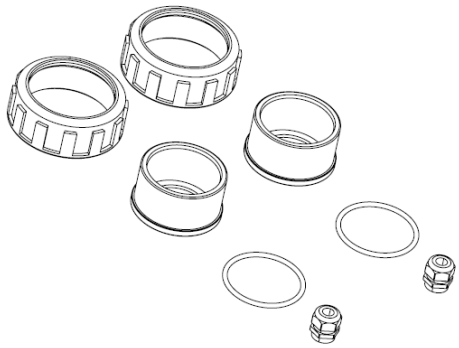
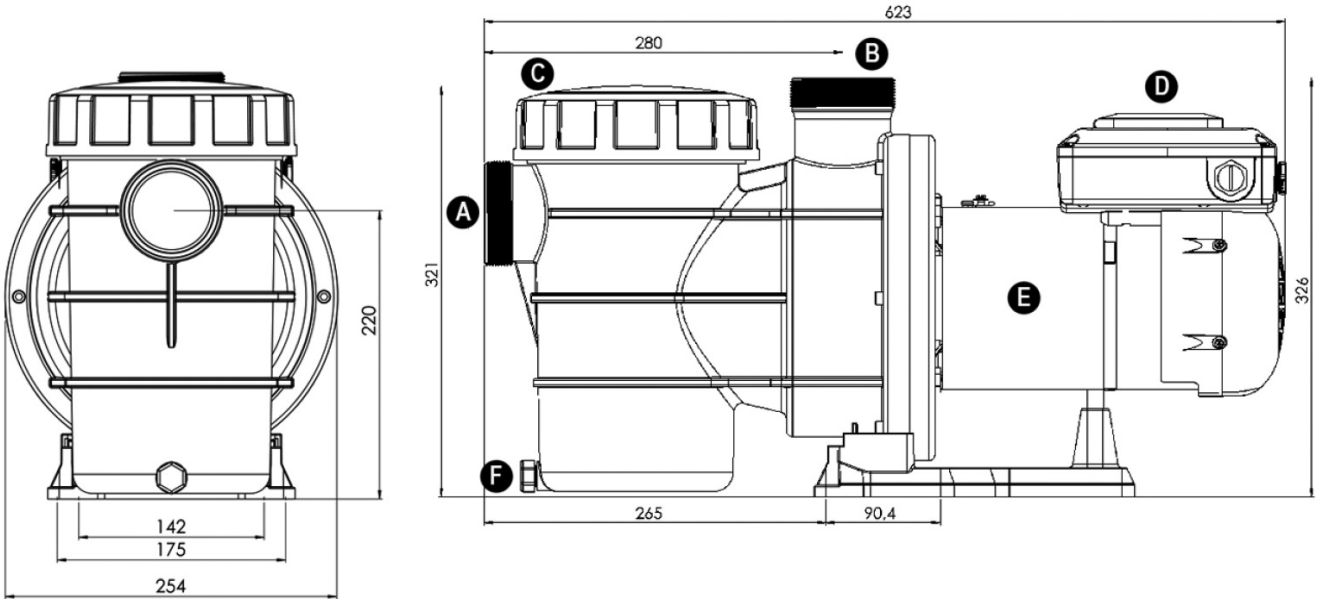
TABLE 1 - **CONTENTS**	
	
CALITA 2 VS Pump	Union Nut, tailpiece, O-ring, cable gland (qty 2 each)

TABLE 2 – **SPECIFICATIONS**		
	Unit	**CALITA 2 VS 1 HP**
Operating Water Temperature	2 to 35°C	
Nominal Voltage of Motor	230 VAC-50 Hz	
Power Supply – Phase		1
Admissible Variation in Motor Voltage		± 10% (during operation)

Maximum Power at Motor In put (P1)	W	1050 (at 105%)
Input power	W	891 (at 100%)
Input power	W	408 (at 75%)
Input power	W	147 (at 50%)
Maximum Motor Amperage	A	8.5
Cable Cross-Section	mm2	3×1.5
	Cable t ype	3G1.5
Electrical Protection	A	10
Fuse		10A 5x20mm
Motor Protection Rating		IPX5
Maximum Pump Flow	m3/h	22.6
Pump Flow Rate at 10m of H ead	m3/h	15.5 (at100%)
Pump Flow Rate at 8m of He ad	m3/h	17.8 (at 100%)
H Max	mH20	13.9 (at 105%)
Pump Pipe Connection		2” threaded suction/discharge Ø63/50 mm u nion couplings
Maximum water salt level		6g/L (6000 ppm)

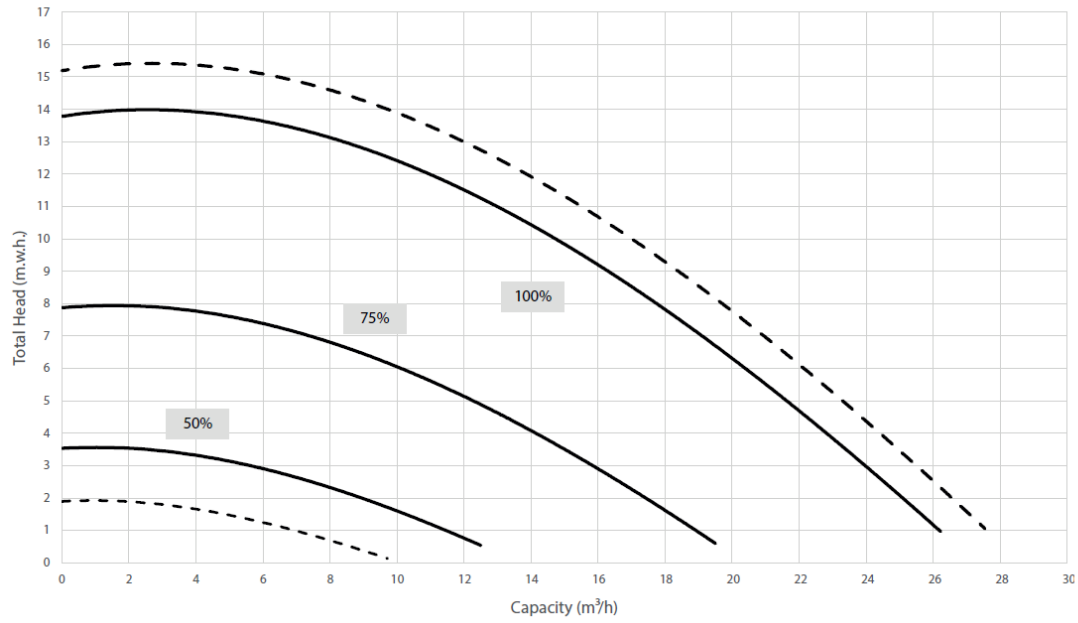
TABLE 3 – DIMENSIONS AND MARKINGS



A	B	C
Water Inlet	Water Outlet	Lid
D	**E**	**F**
User Interface	Pump Motor	Drains

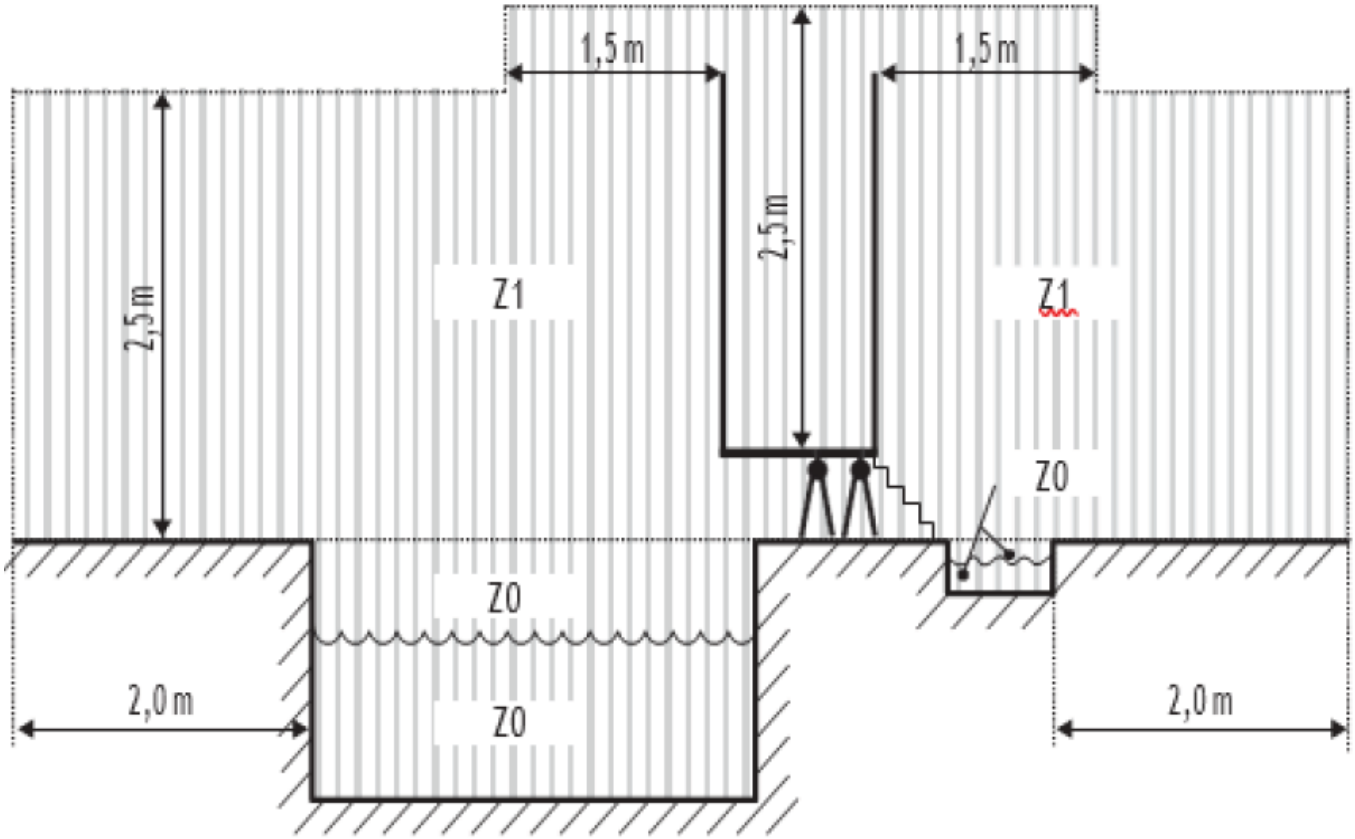
NOTE When installing a pump, leave a minimum of thirty (30) cm of clearance above the pump for removal of the strainer basket.

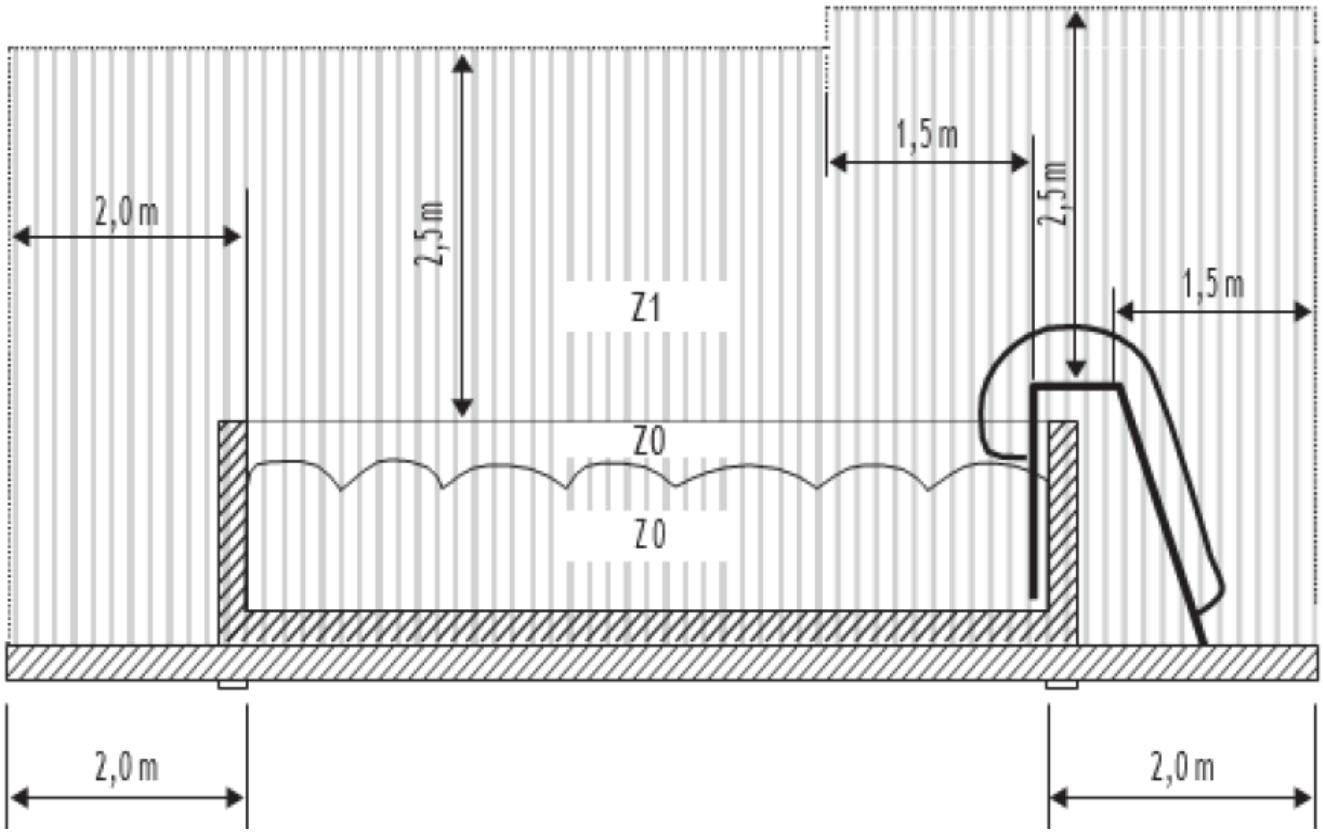
TABLE 4 - **PERFORMANCE CURVES**



INSTALLATION

SELECTING A LOCATION





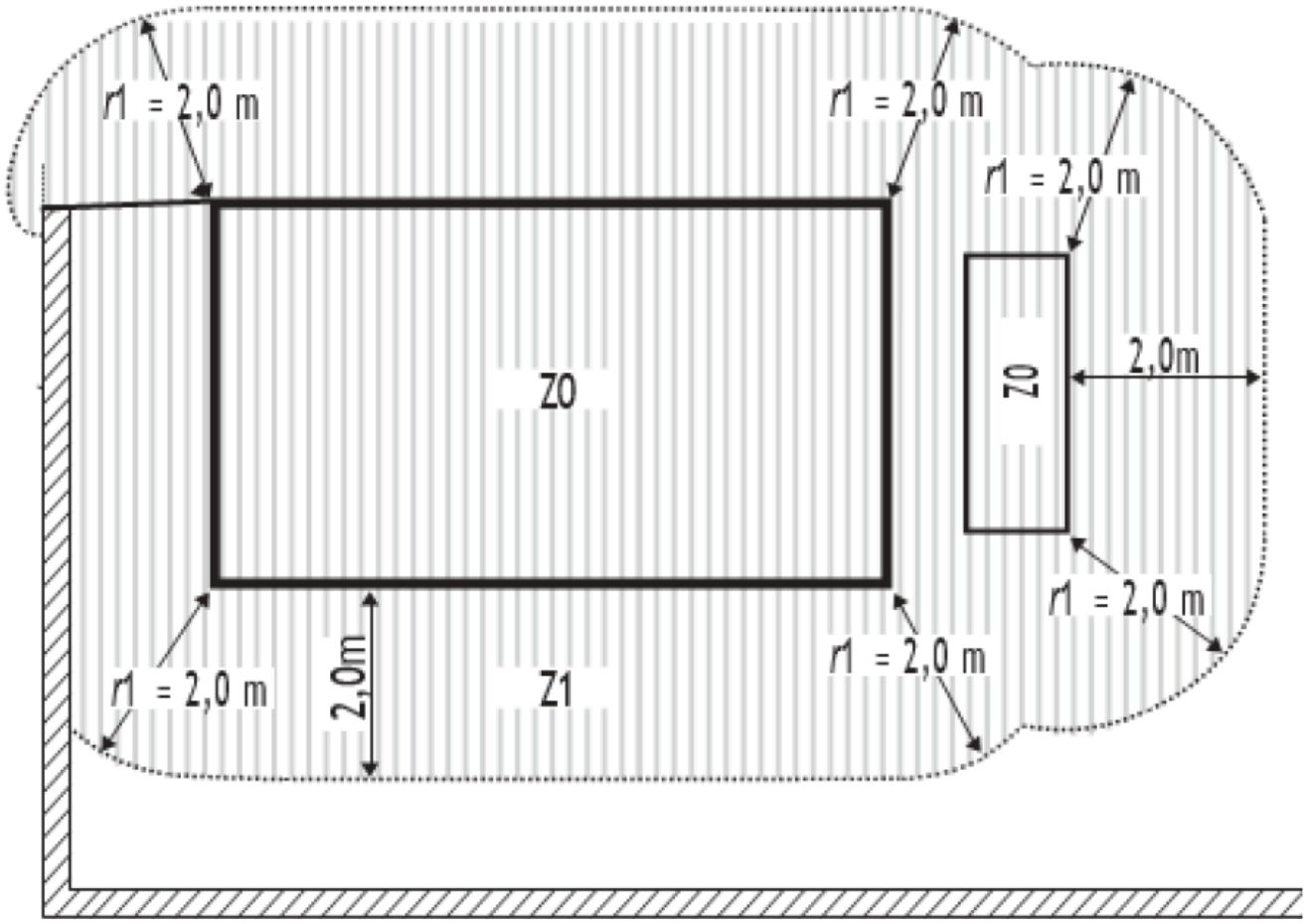


FIGURE 1 – INSTALLATION ZONES

1. The pump should be installed in a horizontal position to prevent damage and ensure proper functioning.
2. Consult IEC / HD 60364-7-702 and national rules for installation compliance.
3. The suction pipe should not exceed a height of 1.5 meters (0.015 MPa) to optimize performance.
4. Installation must be carried out by a qualified professional with proper AC connection and earth connection protected by a residual current device.

Marked zones: the pump cannot be installed here

- The pump cannot be installed in zone 0 (Z0) or zone 1 (Z1). See the regulations in force in the country of installation to confirm the correct distance.
- If the pump is installed above the water level, the pressure differential with the pump suction pipe must not exceed 0.015MPa (1.5mH2O). Make sure that the suction pipe is as short as possible, as a longer pipe increases suction time and reduces the load of the installation.

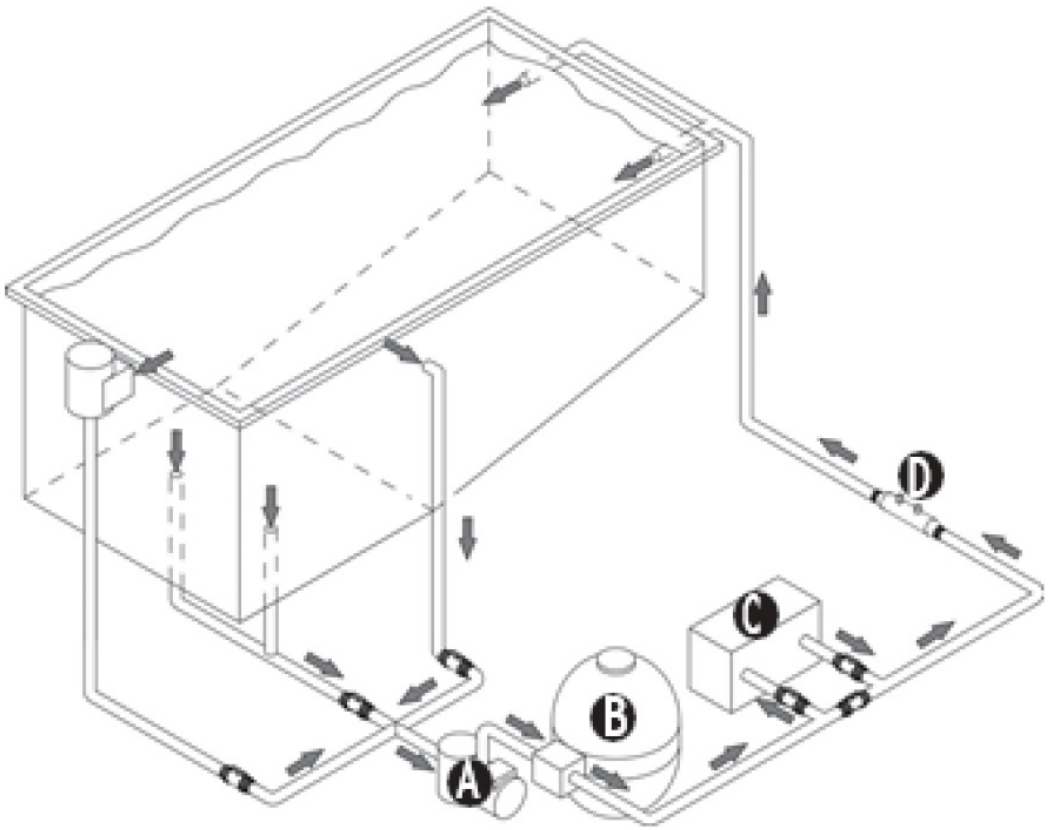
- A check valve is recommended on the suction and return line of the pump if the pump is located below the water level.

HYDRAULIC CONNECTIONS

INSTALLATION RECOMMENDATIONS

- Observe the direction of the hydraulic connections.
- Install isolation valves on both the suction and return lines for a pump located below water level.
- CALITA 2 VS Pumps come equipped with unions on both the suction and discharge ports.
- The piping must be well supported and not forced together where it will experience constant stress.
- Always use properly sized valves.
- Use the fewest fittings possible. Each additional fitting has the effect of moving the equipment farther away from the water.
- To Reduce the Risk of Fire, install pool equipment in an area where debris will not collect on or around the equipment. Keep surrounding area clear of all debris such as paper, leaves, pine needles. and other combustible materials.
- In order to prevent premature failure or damage to the pump motor, protect the pump from direct water exposure from sprinklers, water runoff from rooftops and drainage, etc. Failure to comply may cause pump failure and may void the warranty.

NOTE If more than ten (10) suction fittings are needed, the pipe size must be increased.



- (A) Pump
- (B) Filter
- (C) Heating system
- (D) Water treatment system

Use the least possible number of L-pieces. If more than 10 L-pieces are to be used, increase the diameter of the pipes. See Table 2 – Specifications for the dynamic head (H max) in meters.

FIGURE 2 – CORRECT INSTALLATION

POWER CONNECTIONS

- Always disconnect the power source before working on a motor or its connected load.
- Only a qualified and experienced technician is authorized to carry out any service, including cabling work within the appliance.
- To prevent overheating of the terminal board, which could create a fire hazard, check that all terminals have been properly tightened. Loose terminals will void the warranty.
- The appliance must connect to the Earth.
- Any unsuitable electrical connection will invalidate the warranty.

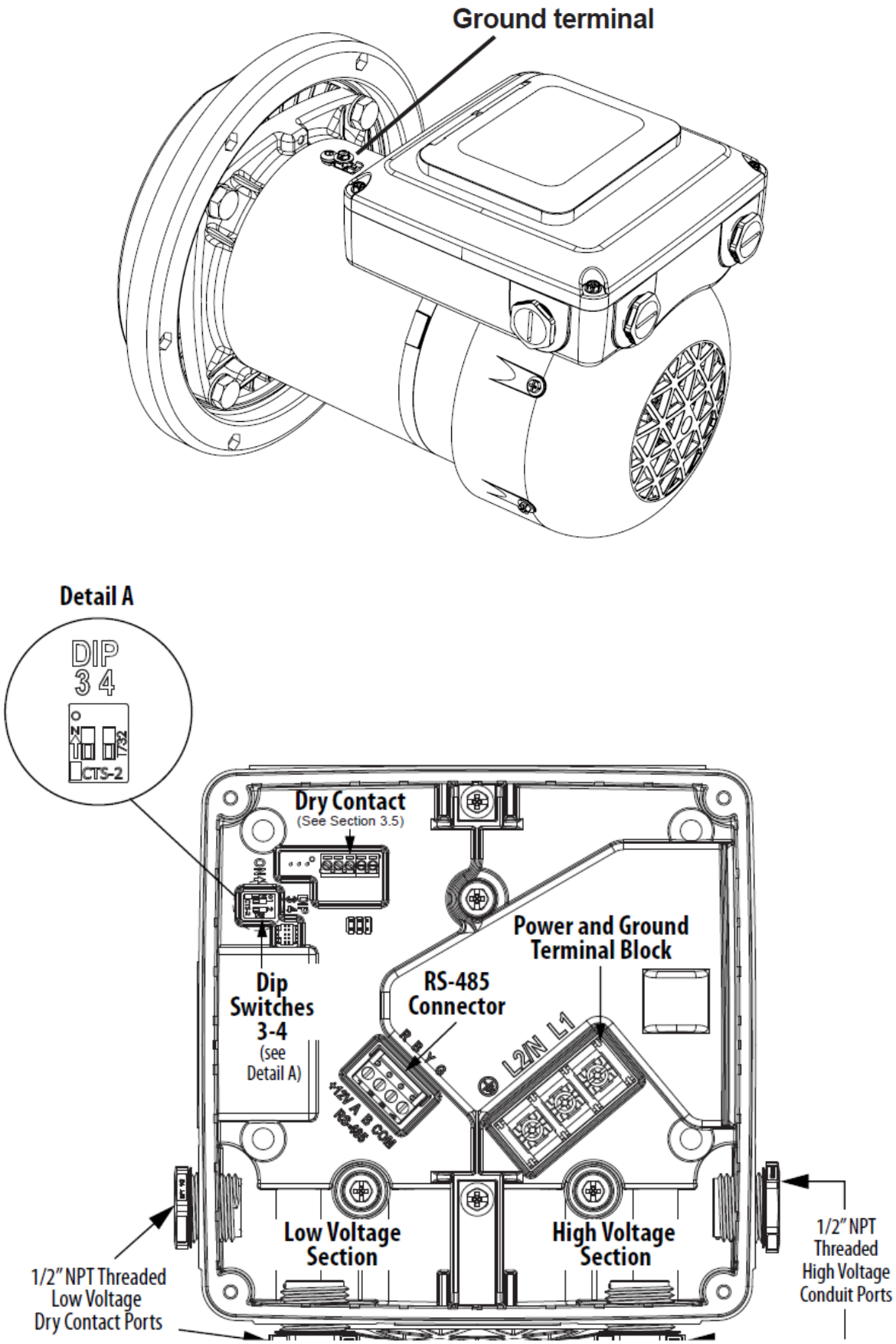


FIGURE 3 – Connection Diagram

VOLTAGE CHECKS

Install the pump per the correct voltage as specified on the pump data plate.

ELECTRICAL CONNECTIONS

- The CALITA 2 VS pump provides a wiring compartment that is divided into a section for high voltage and a section for low voltage.
  - The low voltage section provides two 1/2” NPT conduit ports (threaded) (see Figure 5).
  - The high voltage section provides two 1/2” NPT conduit ports (threaded).
- Secure the pump using the green screw provided. Ground before attempting to connect to an electrical power supply. Do not ground to a gas supply line.
- Wire size must be adequate to minimize voltage drop during the start-up and operation of the pump.
- Insulate all connections carefully to prevent grounding or short-circuits. Sharp edges on terminals require extra protection. For safety, and to prevent entry of contaminants, reinstall all conduit and terminal box covers. Do not force connections into the conduit box.

NOTE When power alone is supplied to this pump, it will not operate. It requires a digital command sent to it by either a variable speed controller, an automation system, or use of the dry contacts (See Figure 6).

PUMP DIP SWITCH SETTINGS

- DIP switches 3 and 4 must remain in the OFF position when the controller is connected.
- These pumps support auto-addressing. If connecting to an automation system, please refer to your automation system’s manual to determine auto addressing capability.

DRY CONTACT OPERATION

- An external relay or switch wired to the dry contacts can be used as a controller to operate the pump. The dry contacts will have priority over the controller connected to the RS-485 line.
- By connecting one of the inputs to common via an external, non-electrified relay, it will turn on the pump, prime at 100% for 3 minutes, and then go to a pre-determined speed indefinitely until the circuit is broken (See Figure 6). If no inputs are jumped to

common, the speed is zero.

- These speed settings cannot be changed.

Dry Contact Speed Settings

- Input 1: 100%
- Input 2: 75%
- Input 3: 52%
- Input 4: STOP

NOTE: If more than 1 speed (Input 1, 2 or 3) is shorted to common at the same time, the motor will run the input with the highest speed. If the STOP (Input 4) is shorted to common, the pump stops having priority over the rest of inputs.

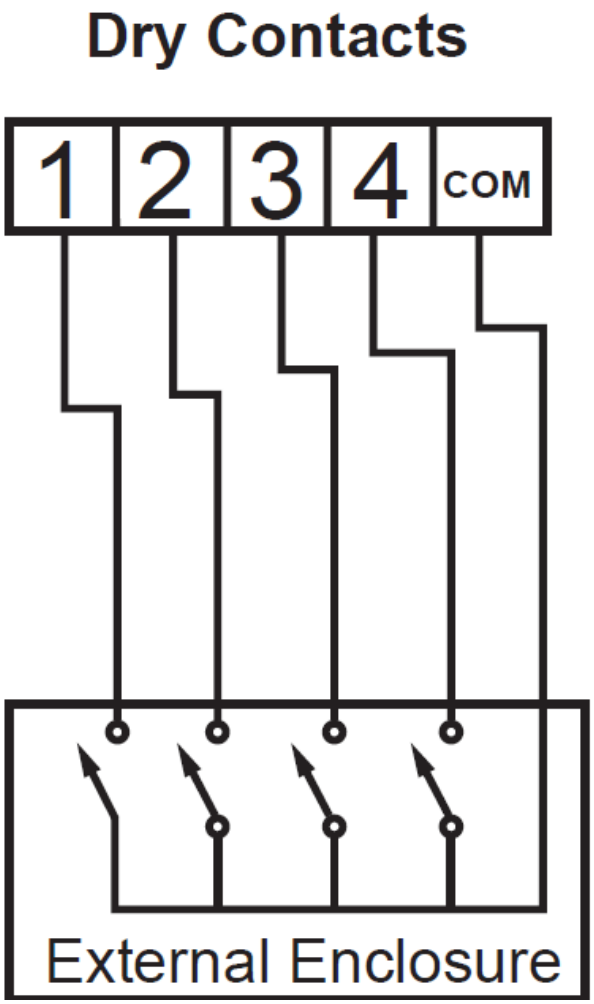


FIGURE 4 – DRY CONTACT SPEED SETTINGS

CONDUCT PRESSURE TESTING

- When pressure testing a system with water, air is often trapped in the system during the filling process. This air will compress when the system is pressurized. Should the system fail, this trapped air can propel debris at a high speed and cause injury. Every effort to remove trapped air must be taken, including opening the valve on the filter and loosening the pump basket lid while filling the pump.
- Trapped air in the system can cause the filter lid to be blown off, which can result in death, serious injury, or property damage. Be sure all air is properly purged out of the system before operating. DO NOT USE COMPRESSED AIR TO PRESSURE TEST OR CHECK FOR LEAKS.
- ELECTRICAL SHOCK HAZARD – Do not pressure test above 2.4 Bar. Pressure testing must be done by a trained pool professional. Circulation equipment that is not tested properly might fail, which could result in severe injury or property damage.
- When pressure testing the system with water, it is very important to make sure that the pump basket lid is completely secure.
- Fill the system with water, using care to eliminate trapped air.
- Pressurize the system with water to no more than 2.4 Bar (241 kPa).
- Close the valve to trap pressurized water in the system.
- Observe the system for leaks and/or pressure decay.

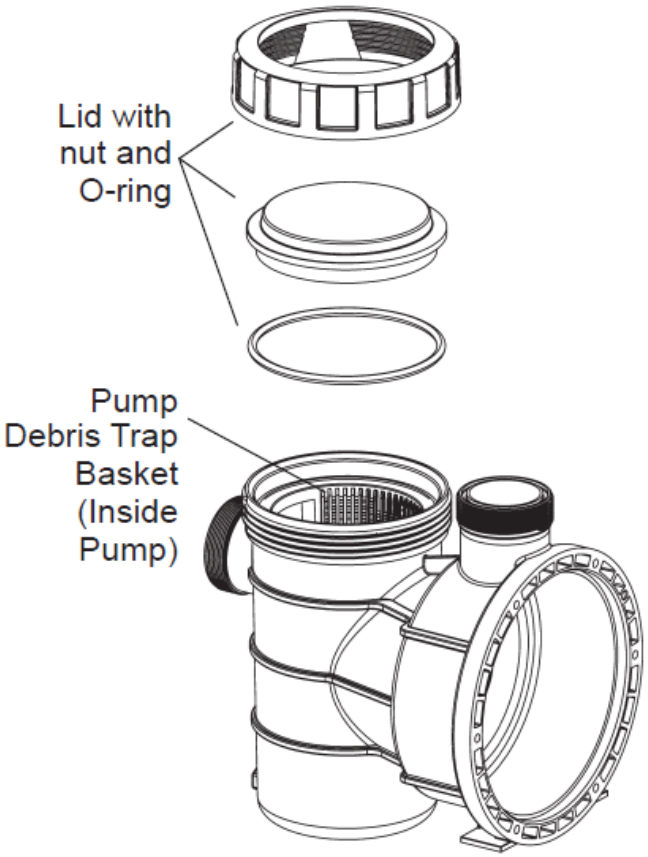


FIGURE 5 – EXPLODED VIEW OF LID ASSEMBLY

USE

START-UP

- Never run the pump without water. Running the pump “dry” for any length of time can cause severe damage to both the pump and motor and will void the warranty.
- If this is a new pool installation, make sure all piping is clear of construction debris and has been properly pressure tested.
- The filter should be checked for proper installation, verifying that all connections and clamps are secure according to the manufacturer’s recommendations.
- To avoid risk of property damage, severe personal injury or death, verify that all power is turned off before starting this procedure.
    1. Release all pressure from the system and open the filter pressure release valve.
    2. Depending on the location of the pump, do one of the following:
        - If the pump is located below the water level of the pool, open the filter pressure release valve to prime the pump with water.
        - If the pump is located above the water level of the pool, remove the lid and fill the basket with water before starting the pump.
    3. Check for debris around the lid o-ring seat before replacing the lid.
    4. Hand-tighten the lid to make an air tight seal.
    5. Restore power to the pump.
    6. Once all the air has left the filter, close the pressure release valve.
    7. The pump should prime. The time to prime depends on elevation and pipe length used on the suction supply pipe.
    8. If the pump does not prime and all the instructions to this point have been followed, check for a suction leak. If there is no leak, repeat Steps 2 through 7.
    9. For technical assistance, please contact your dealer.

PUMP BELOW WATER LEVEL

1. Ensure the pump lid is secure by verifying the “locked” indicators are aligned with the pump’s ports. Hand tighten only, do not use tools. Make sure valves are open and the pump unions are tight.

2. Open any isolation valves that may be in place between the pump and the pool's main drain(s) and skimmer(s).
3. Open the air relief valve on the filter. This will allow air to begin to escape the system and fill the pump with water for priming.
4. Restore power to the pump and start the pump.
5. When water starts to come out of the air relief valve on the filter, close the air relief valve.
6. Inspect system for any leaks.

PUMP ABOVE WATER LEVEL

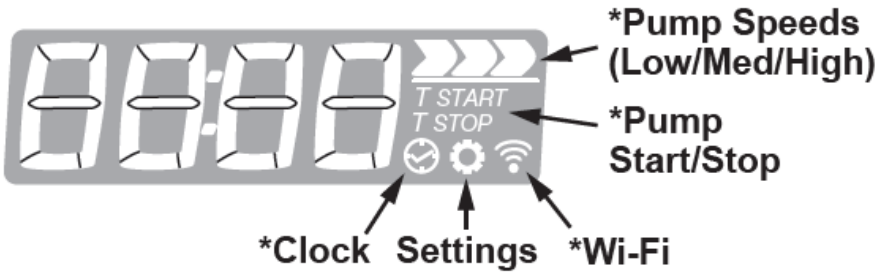
1. Open the air relief valve on the filter.
2. Remove the pump lid and fill the basket with water.
3. Check for debris around the lid o-ring seat before replacing the lid.
4. Tighten the lid by verifying the "locked" indicators on the lid are aligned with the pump's ports. Hand tighten only, do not use tools. Make sure all valves are open and the pump unions are tight.
5. Restore power to the pump and start the pump.
6. Once the pump has primed and water comes out of the air relief valve on the filter, close the air relief valve and inspect the system for any leaks.

OPERATIONAL CONTROLS

IMPORTANT

Due to an undervoltage protection placed in the software to protect the internal electronics, there may be an error during motor startup. If this situation occurs, simply let the motor sit without power for approximately 3-5 minutes to allow the capacitors to completely drain before restarting the motor.

***NOTE:** Symbols flash during set up process. Clock turns On during AUTO mode and Off during MAN mode. Wi-Fi turns On when connected.



- On/Off (Press for 2 seconds)
- Back or Exit
- Browse down
- Adjust value down
- Browse up
- Adjust value up
- Manual/Auto (Press for 2 seconds)
- Enter in Settings mode or Confirm action

FIGURE 6 – NORMAL OPERATION MODE CONTROLS

NOTE If power is removed, motor will return to the last speed selected when power is restored. Motor will remember ON/OFF states. If there is a fault, Error LED will blink and display will show an error number. See Section 6 more information on fault codes.

Pump Functions

- Display Lock/Unlock – Press and simultaneously for 2 seconds. Display will show “Loc” or “uLoc”.
- Pump Power ON/OFF – Press for 2 seconds.
- Speed Selection – Low/Medium/High (Press or in Manual Mode)

Mode

This selection allows user to select a mode running the pump at a continuous speed (Off) or one which creates individual schedules for the pump (On).

NOTE Press MODE SET for 2 seconds to toggle between AUTO ON and OFF (Manual).

- Manual (Off) – Continuous operation at a fixed speed;
- Auto (On) – Schedule to run the pump at different speeds and periods of time;

Auto ON

- Pump works according to schedule
- Speed adjustment is unavailable
- Display information alternates between timer used, speed and hour.

Auto OFF (MANUAL Mode)

- Pump remains at continuous speed and speed shows as numbered %.
- Change speed setpoint manually with Pump Speed icon showing chosen speed (– Low, – Medium, – High).

Settings

Pump settings can be modified during or outside of the pump’s operating period.

NOTE

at end will return to the top of the menu list.

Setting options in MANUAL Mode

- Low speed setpoint –  icon will flash during process.
- Medium speed setpoint –  icon will flash during process.
- High speed setpoint –  icon will flash during process.
- Priming Speed
- Priming Time
- REST (restore)

Setting options in AUTO Mode

- Time – Clock  icon will flash during process.
- Timer (P1 to P6) – T-Start or T-Stop icons will flash during process.
- REST (restore).
- APPt (will be automatically set up when the time settings are enabled from the app).
- Wi-Fi – W-Fi  icon will flash during process.

Setting Browsing

NOTE Press  to return to the Main Menu, and  and  to scroll through the menu.

Time

1. Press  to enter Settings menu.
2. Press  or  until “Hour” displays.
3. Press  to change time.
4. Press  or  to select desired time.

   NOTE Pressing either button down will change the time more rapidly.
5. Press  to confirm.

   NOTE More than one (1) minute of inactivity will confirm selection automatically. If ON/OFF is pressed before entering a new value, all changes will be lost.

Timer

NOTE The highest speed will have priority between timers.

1. Press MODE SET to enter Settings menu.
2. Press ⌄ or ⌃ to move through six (6) timers (P1 – P6).
3. Press MODE SET for selected timer to modify the selection.
4. With ▷ flashing, press ⌄ or ⌃ to change the speed selection. Initial speed will be Low unless a previous speed is saved.
5. Press MODE SET to enter speed.
6. With T-Start flashing, press ⌄ or ⌃ to enter the start time.
7. Press MODE SET to enter start time.
8. With T-Stop flashing, press M⌄ or ⌃ to enter the stop time.
9. Press MODE SET to enter stop time.
10. “En” (Enabled) will appear in the display by default. Press ⌄ until “Dis” appears in the display to disable and MODE SET to confirm. The text will flash to indicate that it can be modified.
11. Press MODE SET to return to the Main Menu

Speed Set Points

1. Press MODE SET to enter Settings menu.
2. Press ⌄ or ⌃ until “Spd1” (LOW speed) displays.
3. With ▷ flashing, press MODE SET for selected speed to modify the selection.
4. Press ⌄ or ⌃ to change the speed by one (1) % increments. Range is between 40 – 105% .

   NOTE Pressing either button down will change the speed more rapidly.
5. Press MODE SET to enter speed.

NOTE More than one (1) minute of inactivity will confirm selection automatically. If ON/OFF is pressed before entering a new value, all changes will be lost.

Priming

1. Press MODE SET to enter Settings menu.
2. Press ▼ or ▲ until “SPri” (LOW speed) displays.
3. With digits flashing, press MODE SET to set up Priming speed.
4. Press ▼ or ▲ to change the speed by one (1) % increments. Range is between 40 – 105% .

   NOTE Pressing either button down will change the speed more rapidly.
5. Press MODE SET to enter speed.

   NOTE More than one (1) minute of inactivity will confirm selection automatically. If ON/OFF is pressed before a new value is entered, all changes will be lost.
6. Press ▼ or ▲ to change the priming time by one (1) minute increments. Range is 0 – 30 minutes.
7. Press MODE SET to enter time. Display automatically returns to Settings with speed flashing.

   NOTE More than one (1) minute of inactivity will confirm selection automatically. If ON/OFF is pressed before a new value is entered, all changes will be lost.

Using the pump via Wi-Fi/FLUIDRA POOL APP

1. To use the pump from an app, the FLUIDRA POOL app will need to be installed.
2. Once installed, open the app.
3. Select “Add equipment” under “My pool”.
4. Select “Use QR code”.
5. Scan the pump QR code, which is located on the cover of the remote control.
6. Press ▲ and MODE SET to enable Wi-Fi on the pump. “BLE” will be displayed on the screen.
7. Press “Next”.
8. Pair the pump to your phone when asked to do so.
9. Press and hold ▼ for a few seconds.
10. Set up the Wi-Fi for connection to the pump. Select “Wi-Fi” and enter the Wi-Fi password.
11. Pump already paired. The pump will appear in “Equipment” ready for direct control

from APP.

12. When the pump is connected to the APP, the display will show all the data as in MANUAL mode, but with the WIFI symbol activated on the screen.
13. When the pump speed is changed, the pump display will show the new speed selected from the APP.
14. If the speed is changed from the UI on the main screen, the speed of the pump will be updated in the APP.
15. If AUTO mode is selected in the app, AUTO will be displayed on the pump screen. When an AUTO mode time setting is activated, the information will appear on the display (100, current time, APPt, C1)
16. If the pump is switched off locally, it will also be switched off in the APP and the mode will be changed to OFF. If ON is selected again in the APP, it will appear in the previous mode: in this case, AUTO.
17. If the AUTO mode is changed to MANUAL mode, the mode will also be changed to MANUAL in the app.

Restore

1. Press 

to enter Settings menu.
2. Press  or  until “rSET” displays.
3. Press 

to restore to the factory defaults. Display will turn Off.

Factory Defaults

- Low Speed: 50%
- Medium Speed: 75%
- High Speed: 100%
- Priming Speed: 100%
- Priming Time: 1 minute
- Speed in MANUAL Mode: Low speed
- AUTO/Schedule: OFF
- Schedule Settings: All speeds are LOW; T-Start and T-Stop are “00:00”
- APPt: Disabled

- Wi-Fi-Bluetooth: OFF

MAINTENANCE

Depending on how clean the water is, the following should be checked every 150 hours:

- Clean the prefilter basket to avoid pressure drops. Do not hit the basket during the cleaning process as this could potentially damage it.
- Every time the prefilter is opened, clean off any dirt on the seal and its housing to ensure the cover is watertight when closed (FIGURE 7).

The pump components that are prone to wear and tear through routine use must be regularly replaced for the pump to maintain good performance. The pump's fungible components or consumables are listed in the table below along with the time when they should be replaced.

DESCRIPTION OF THE COMPONENT	REPLACEMENT TIME
Bearings	10,000 h
Mechanical seal	10,000 h
O-rings and other seals (1)	10,000 h

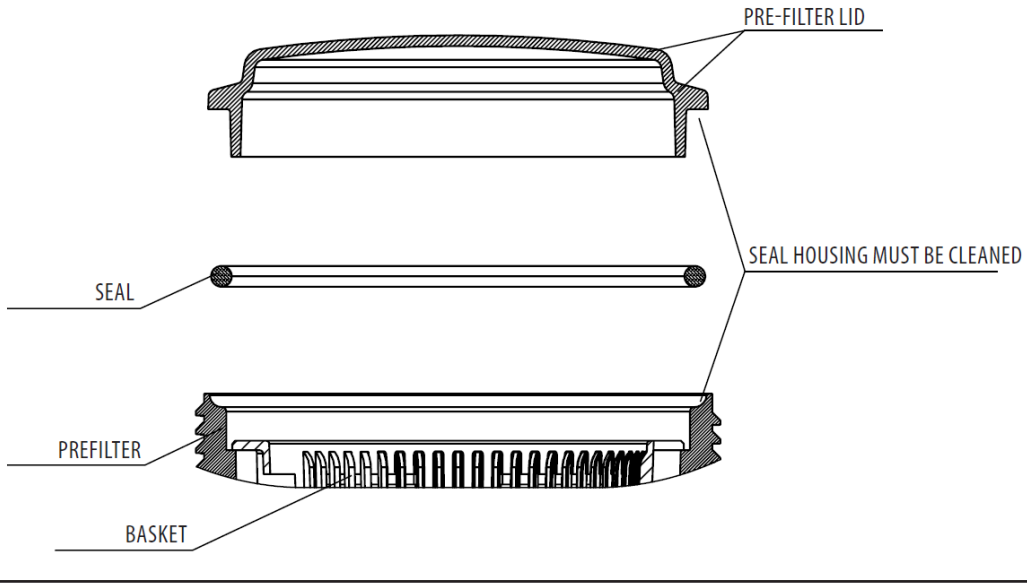


FIGURE 7

- If the pump stops, check that the motor's amp consumption reading while in operation is the same or below that displayed on the manufacturer's rating plate; in its absence contact your nearest Technical Assistance Service.
- Drain the pump of water in the event that it will spend some time without running, mainly in cold countries where there is also a risk of freezing temperatures.
- To drain the pump, remove the draining plug.

TROUBLESHOOTING

Basic Troubleshooting

PROBLEM	SOLUTION
	• Have professional check voltage on the main power terminal with th e breaker on.
	• Error – see fault code. Power cycle the motor.
	• Check RS-485 connection is secure with no broken wires. • Inspect low voltage wiring for signs of corrosion.

Motor won’t start or the controller does not detect the motor	• With all power off, use a multimeter to check continuity of each low voltage lines from motor to controller. • Replace RS-485 wires completely if necessary.
	• Check RS-485 connector wiring (pins 1-4 should be Red, Black, Yellow, Green).
	• Test motor drive with RS-485 jumper method: Using small sections of 0.5mm2 wire, jump pins 1 to 3 and 2 to 4. Re-install connector and attach access cover. Apply power to motor to see if motor spins at 2600 RPM indefinitely. If motor works, the issue is with the RS-485 line or controller.
	• Check DIP switches 3 and 4 configuration are OFF for Pump 01. • If more than one variable speed pump is being controlled with an automation system, refer to DIP switch section of this manual.
	• Check schedule to verify that motor is scheduled to turn on at that time.
Motor starts but shuts off soon after	• Check for debris stuck between impeller and diffuser. • Have a certified professional check to see if the drive shaft is seized with all power off. • If large amounts of debris are found, check your strainer basket for breaks. Replace the strainer basket if necessary.

The motor gets hot and shuts off periodically	• Ensure adequate room around motor for air circulation to keep motor cool. • Have a qualified electrician check for loose connections and check voltage at motor while in operation. Main voltage outside of 10% of motor rating plate may cause motor to experience excessive loads.
No power to controller	• Have a certified electrician test voltage on RS-485 line while power is available to motor. It should be between 8 and 12 Volts DC between pins 1 and 4.
	• Check RS-485 connector wiring (pins 1-4 should be Red, Black, Yellow, Green).

PROBLEM	SOLUTION
Dry Contacts not working	• Test motor drive with RS-485 jumper method: Using small sections of 22 AWG wire, jump pins 1 to 3 and 2 to 4. Re-install connector and attach access cover. Apply power to motor to see if motor spins at 2600 RPM indefinitely. If motor works, the issue is with the RS-485 line or controller.
	• Check low voltage wiring for breaks between motor and external switches. With all power off, use a multimeter to check continuity of each low voltage lines from motor to controlle. Replace the dry contact wires completely if necessary.

Fault Codes

FAULT		ACTIONS
E21	Software Overcurrent	Cycle power to the motor
E22	DC Overvoltage	Ensure input voltage is in the correct range
E23	DC Undervoltage	Ensure input voltage is in the correct range
E26	Hardware Overcurrent	Cycle power to the motor
E2A	Stall fault	Check pump, impeller and motor fan for obstructions, then cycle power to motor
E2D	Processor – Fatalt	Contact your local pool service professional
E2E	IGBT Overtemperature	Wait for temperature of the motor to cool down. Ensure motor is clear of obstructions that limit proper ventilation
E2F	Loss of Phase	Contact your local pool service professional
E31	Processor – Registers	Contact your local pool service professional
E32	Processor – Program Counter	Contact your local pool service professional
E33	Processor – Interrupt/Execution	Contact your local pool service professional
E34	Processor – Clock	Contact your local pool service professional
E35	Processor – Flash Memory	Contact your local pool service professional
E36	Processor – RAM	Contact your local pool service professional
E37	Processor – ADC	Contact your local pool service professional

E40	Connection fault	Check the low voltage connections between the m otor and the application board (bundle of 3-wire ca bles)
E3C	Keypad Fault	Contact your local pool service professional
E3D	AB data flash fault	Contact your local pool service professional
E3E	Communication loss fault AB and drive error	Contact your local pool service professional
E3F	Generic fault	Contact your local pool service professional

DECLARATION OF CONFORMITY

- Declares under its sole responsibility that all the single-phase CALITA 2 VS-type pumps are in conformity with:
- 2014/35/EU: Low voltage directive
- 2014/30/EU: Electromagnetic compatibility directive
- 2014/53/EU Radio equipment directive

Frequency Bands		RF Power	
WI-FI: 2402-2480 MHz	BLE: 2402-2480 MHz	WI-FI: 0.003 W	BLE: 0.003 W

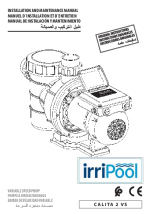
- 2011/65/EU+2015/863: RoHS, Restriction of the use of certain hazardous substances in electrical and electronic equipment directive
- EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+ A15:2021 / EN 60335-2-41:2021+A11:2021 / EN 62233:2008 / EN 62311:2020
- EN IEC61000-3-2:2019+A1:2021 / EN 61000-3-3:2013+A1:2019 +A2:2021/EN IEC 55014-1:2021 / EN IEC 55014-2:2021 / ETSI EN 301 489-1 V2.2.3 / ETSI EN 301 489-17 V3.2.4
- ETSI EN 300 328 V2.2.2
- EN IEC 63000:2018

Signed the present conformity evidence

IRRIJARDIN, S.A.S.

www.irripiscine.fr

Documents / Resources

	irriPool CALITA 2 VS Variable Speed Pump [pdf] Instruction Manual CALITA 2 VS Variable Speed Pump, CALITA 2 VS, Variable Speed Pump, Speed Pump

References

- User Manual

Related Posts

PENTAIR Intelliflo VS+SVRS Variable Speed Pump Instructions

PENTAIR Intelliflo VS+SVRS Variable Speed Pump ADDED SAVINGS. GREATER PEACE OF MIND. IntelliFlo® VS+SVRS Pump—trusted by parents who…

Jandy VS PLUS HP Variable Speed Pump User Guide

Jandy VS PLUS HP Variable Speed Pump Intelligent Pump Design. No Rewiring Necessary Auto-sensing dual voltage motor automatically…

Hayward TriStar SP32950VSP Variable Speed Pump Owner's Manual

Hayward TriStar SP32950VSP Variable Speed Pump Owner's Manual

[Jandy VS Flopro variable speed pump User Guide]

Jandy VS Flopro variable speed pump User Guide There's no need to sacrifice your pump's power. The ideal…

CALITA 2 VS, CALITA 2 VS Variable Speed Pump, irriPool, Speed Pump, Variable Speed Pump

irriPool

—Previous Post

irriPool CALITA 2 Pool Pumps Instruction Manual

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search: