

Artize

LEXA
SUPERIOR
WHIRLPOOL

OWNER'S MANUAL

Safety, Operation, Maintenance, And Warranty Safety Guidelines

This manual contains information for YOUR SAFETY and will also help in PREVENTING PROBLEMS. To help you recognise these items of importance, this document uses the following symbols. PLEASE read the manual and pay special attention to these sections.

SAVE THESE INSTRUCTIONS!

DANGER !

Urgent Safety Information
A Hazard That Will Cause Serious Injury

WARNING

Important Safety Information
A Hazard That Might Cause Serious Injury

CAUTION

Information To Prevent
Damage To Equipment



Important Instructions and
References

Model:

Serial/ Invoice No.:

Owner's Record

Date of Installation:

Name of Installer:

Telephone:

This information may be required for service and warranty.



IMPORTANT SAFETY INSTRUCTIONS

Basic precautions to be taken to prevent fire hazards, electrical shocks, personal injury or damage when using your unit. **READ AND FOLLOW ALL INSTRUCTIONS!**

DANGER !

READ AND FOLLOW ALL INSTRUCTIONS

- Risk of lethal electric shock in Hydroelectric product. To reduce risk of electric shock, connect your product only to circuits protected by a Ground-Fault Circuit-Interrupter (GFCI) or Residual Current Device (RCD)-sensitivity not more than 30 Milliamp (mA)
- CIRCUIT INTERRUPTER (GFCI). A GFCI should be provided by the entrepreneur electrician and should be routinely tested. To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, there is a ground fault, indicating the possibility of electrical shock. **DO NOT USE THE UNIT.** Disconnect the unit and have the problem corrected by a qualified electrician before using
- Never operate electrically connected devices in or near the bath. Never drop or insert any object into any opening. Do not use electrical appliances while in the tub
- To reduce the risk of injury, do not allow children to use this unit unless they are closely supervised at all times. Those requiring supervision should never be allowed to use the units unattended
- Use the unit only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer
- Never drop any objects into any openings/holes within the product.
- Do not use the oxypool if the protective cover is not installed on the suction intake. Keep foreign objects, including hair, away from the suction intake as they could block the intake or get caught in it. For comfort and safety, persons with long hair should tie their hair in a bun to keep it out of the water and away from the suction fitting. Keep your head above water at all times

WARNING**IMPORTANT SAFETY INFORMATION**

- Persons under a doctor's care, pregnant women, persons with high or low blood pressure, heart disease, diabetes, or any serious illness, should not use this unit without prior consultation with their physician. Never use this unit while under the influence of any drug or alcohol.
- The maximum temperature of the water should never exceed 104°F (40°C).

CAUTION**INFORMATION TO PREVENT DAMAGE TO EQUIPMENT**

- To reduce risk of injury, enter and exit the bath carefully.
- Do not fill the tub beyond the air volume controls or the overflow.
- Never operate the oxypool system if there is less than 2" (5 cm) of water over the highest whirlpool jet (except for the back jets) or if the bathtub is empty.
- Do not bathe pets in your whirlpool. Their hair could clog the pump.
- Make sure the water temperature does not exceed 104°F (40°C). Damage and discoloration of the acrylic surface may occur.
- The whirlpool should be drained after each use.
- Oil-based additives must not be used, and cleaning instructions must be followed. Do not use harsh abrasives or solvents for cleaning your whirlpool.

• SAVE THESE INSTRUCTIONS •



Dear Product Owner,

Thank you for choosing an Artize product. The minute you sit back and relax in your new product you'll see and feel the difference. In your whirlpool, jets are strategically placed to create a soothing, swirling flow of relaxing water. It's the WHIRLPOOL action which you'll only experience in Artize products..

Now relax and enjoy your bath in your new ARTIZE WHIRLPOOL.

Sincerely,
Artize.

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WHIRLPOOL SPECIFICATION

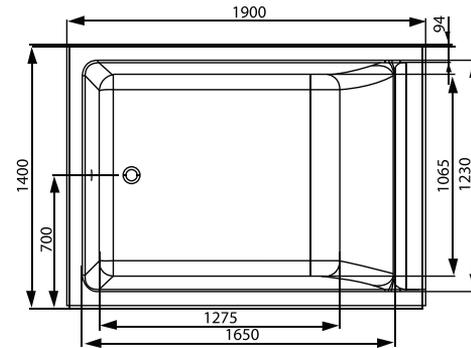
TECHNICAL INFO		SAFETY	
Size	1900*1400x530/mm	3 Tier Testing	Yes
Depth	530mm	Steel Frame	Yes
Material	Acrylic	SENITIZATION	
Reinforcement	PU	Sanitisation/ Cleaning System	Yes
Back jets	8	Food Grade Pipe	Yes
Air jets	20	Level Sensor	Yes
Feet jets	4	CONTROLLER	
Water jets	6	Digital	Yes
Pump Superior	1.47HP	Manual	No
Air Blower	1.13HP	Cross	No
Heater	1.5kw	Smart	No
Chromotherapy	Yes (2)	WARRANTY	
Headrest	Yes	Body	5 years
Overflow Cum Filler	Yes	Electrical	2 years
Keypad	Yes	Jets	5 years
Power Rating (Max)	3.55KW		
LEXA SUPERIOR WHIRLPOOL (ARTIZE190X140)			
S. No.	DESCRIPTION	REMARKS	
1	Packing Weight	120Kg	
2	Dry Weight	95Kg	
3	Water Capacity (Ltr)	580Ltr	

PRODUCT DIMENSIONS

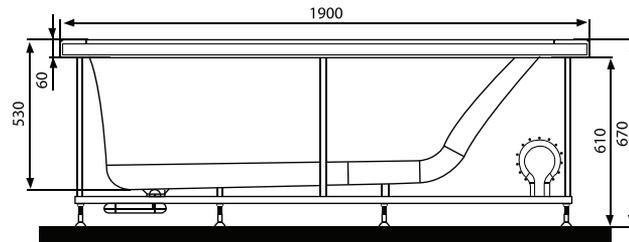
LEXA SUPERIOR BATHTUB WITH MS FRAME

ABT-WHT-LEXA190FX : ARTIZE LEXA 1900 x 1400 X 530
BUILT-IN BATHTUB WITH POWDER COATED MS FRAME

A Top View



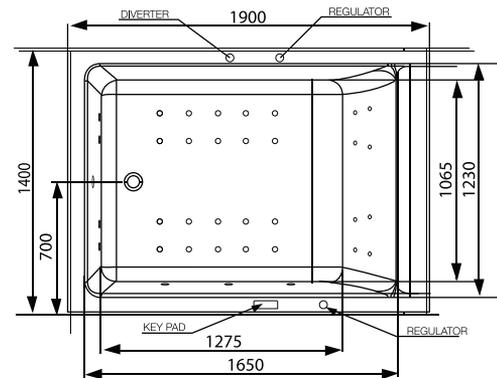
B Side View



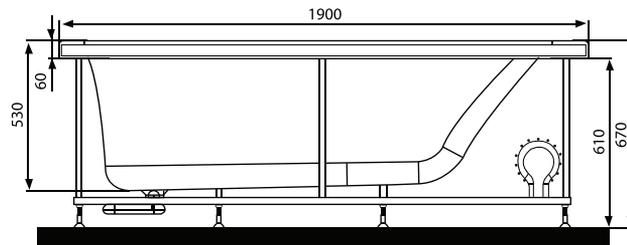
LEXA SUPERIOR BATHTUB 190 X 140 WITH SUPERIOR WHIRLPOOL

AWL-WHT-LEXA190CX : ARTIZE LEXA 1900 x 1400 X 530
SUPERIOR WHIRLPOOL AND AIRPOOL COMBI SYSTEM

A Top View



B Side View

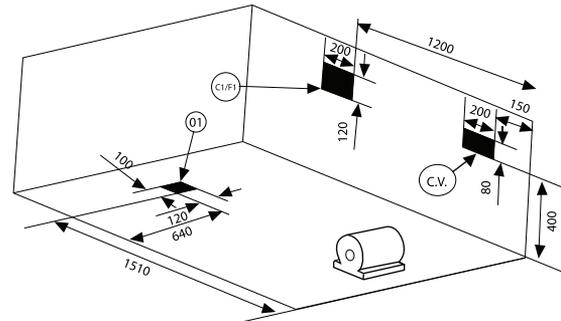
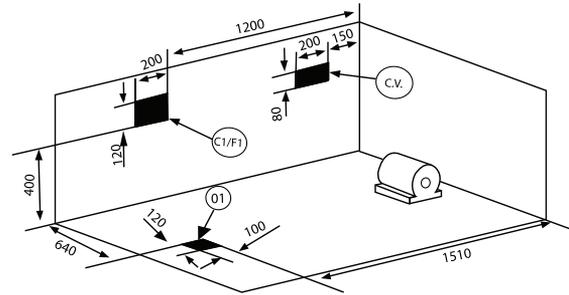


INSTALLATION LEGEND DIAGRAM

References for Installation



- A : Outer dimensions
* Bathtub depth
** Dimensions relative to the panel.
- B : Inner dimensions
- C : Legend for installation or product placing
- O1 : Area for drainage sunken in floor.
- C1 : Area for hot water pipe outlet from the house. Water mains in case ARTIZE taps are installed on tub edge
- F1 : Area for cold water pipe outlet from the house. Water mains in case ARTIZE taps are installed on tub edge.
- C.V.: Suggested area for electrical input wall outlet.



Refer to product drawing / installation legend for marked references.

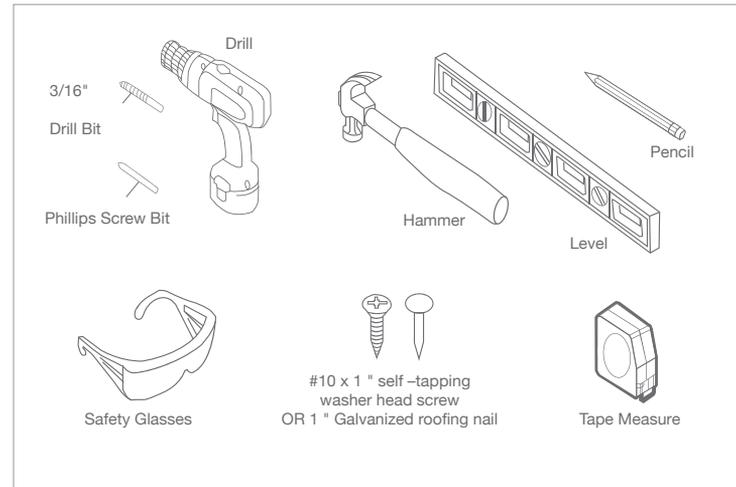
PRE-INSTALLATION REQUIREMENTS

Tools for Installation

Safe use of tools:

- Wear safety glasses or a face shield (with safety glasses or goggles) and well-fitting gloves for safety.
- Ensure that users are properly trained in the safe use of hand tools.
- Select the right tool for the job. Substitutes increase the chance of having an accident.
- Replace cracked, splintered, or broken handles on files, hammers, screwdrivers, or sledges.
- Ensure that the handles of tools like hammers and axes fit tightly into the head of the tool.
- Use and maintain tools carefully. Keep them dry and store them properly after each use.

Tools Required For Installation: (Not Included)



Before You Start

IMPORTANT: Observe all governing codes and ordinances.

1. Proper installation is your responsibility. Ensure a qualified/Jaquar technician installs your product.
2. An air vent and a service window must be provided for product as basic requirement.
3. Electrical supply requirement: 220~240 volt (16 A)

 Fluctuation may damage the product or its component. Manufacturer recommends the use of fluctuation free or stabilized power supply to feed the product.

4. Water supply parameters like pH/hardness must be maintained at below recommended level.

pH 7.5 – 8.5

TH 150 – 450 ppm.

Sanitizer 2- 4 ppm

Earth Wire

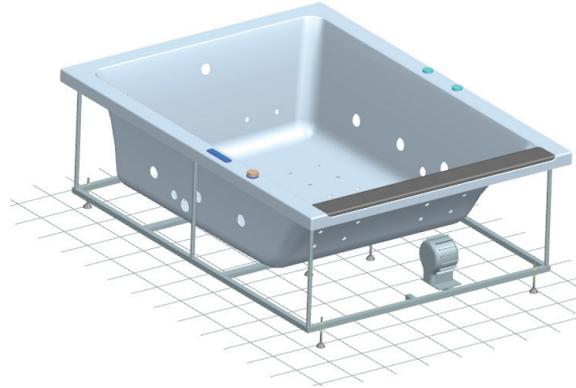
The earth wire must be connected and fixed permanently with a 3 mm dia. core conductor to the electrical system.

Electrical Supply and safety devices.

- a) The equipment must be connected to single phase 220 ~ 240 V and 50hz supply.
- b) The equipment must be connected to the equipotential/ differential switches of the room and duly fastened to the specified clamp/terminals that can be found on the product.
- c) Connection to the power mains foresees installation of a 30mA max. differential switch (RCCB/ELCB/GFCI), with at least 3 mm contact opening and suitable for a single phase supply.
- d) Switches must be arranged near the device, upstream of power boxes (only for product versions equipped with power box).
- e) The product's supporting structure is made of metal, therefore an efficient ground dispersal provision is required, with regulations compliant sensitivity.

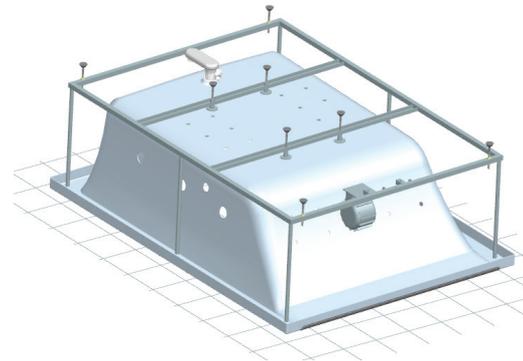
INSTALLATION PROCEDURE

Place your whirlpool/bathtub on flat surface & check level for water flow towards drain.

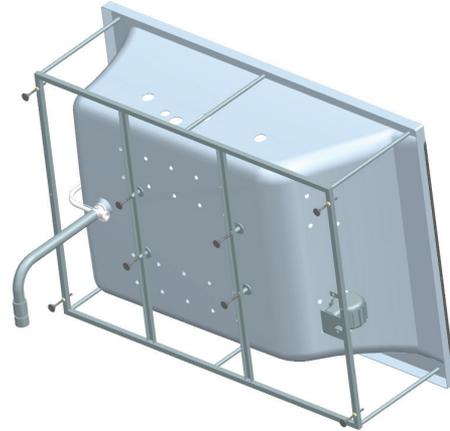


Water drain may be adjusted by leg adjustment

 Pictures used above for reference only.
For product placement check dimensions
of required model.

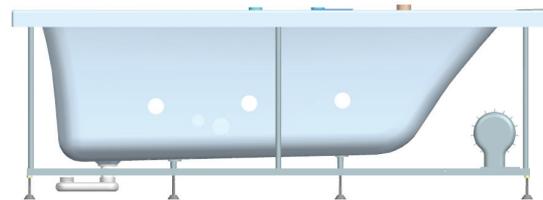


Connecting drain pipe : Use a flexible pipe of diameter 40 mm - not supplied with the product.



Fill a minimum 4 litres of water in the bathtub to check proper drain flow

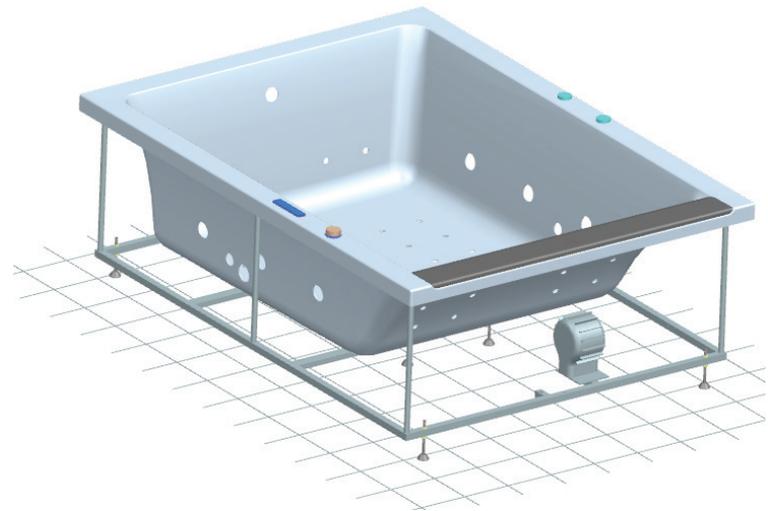
 Pictures used above for reference only.
For product placement check dimensions of required model.



-  It is recommended that the product be kept filled for 24 hours to check for leakages in plumbing/drain connections.

Electrical supply and safety devices

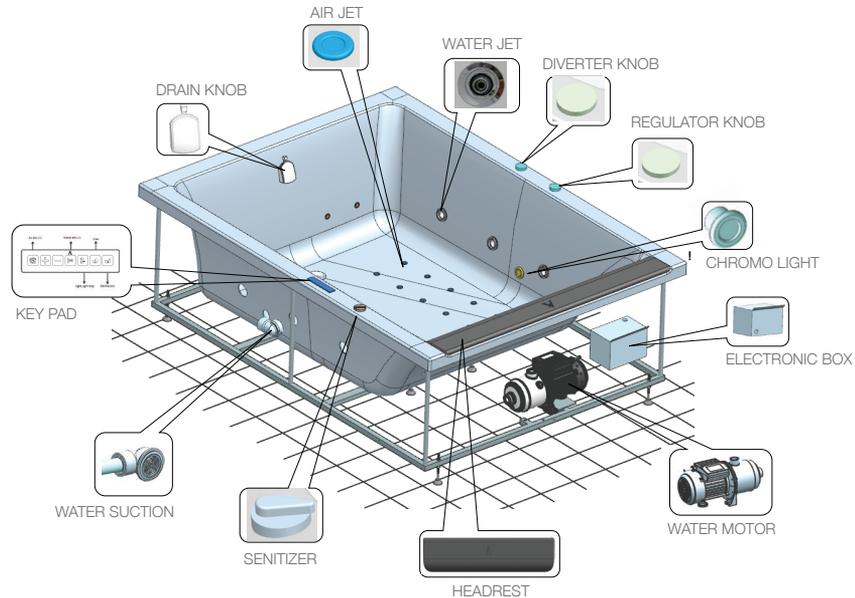
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- j) The product supporting structure is made of metal, therefore an efficient ground dispersal provision is required, with regulations compliant sensitivity.15



Component Identification

☞ These drawings represent only the major components of the system; the position of the components may vary depending on the bath model.

These pictures represent Combined Systems; Whirlpool Systems components are identified with “Component Identification”.



ARTIZE WHIRLPOOL COMPONENTS

WHIRLPOOL PUMP

Our commercial quality pump is the heart of your whirlpool system. The pump is positioned on a specially designed cantilevered mounting base. It helps isolate and dampen vibration and noise, adding to your comfort and pleasure.

PATENTED WHIRLPOOL JETS

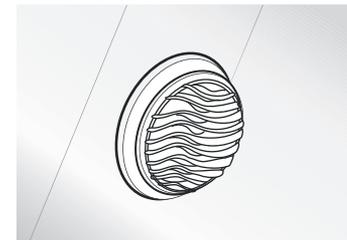
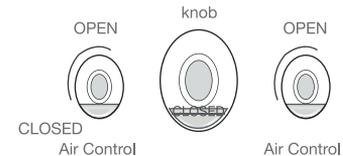
Artize Whirlpool Bathtubs are not ordinary jetted tubs. Jet location in our tubs is designed to give you the very best in whirlpool bathing. The nozzle is directionally adjustable and swivels over a 30° range.

AIR VOLUME CONTROLS

Each jet is moving approximately 20 litres of water per minute. The more air that is introduced into the flow of water, the deeper the massage. The amount of air is regulated by the air control knobs. Air controls, (as shown in fig.) are located on the tub. Do not fill the tub above the overflow.

SAFETY SUCTION RETURN SYSTEM

This fitting allows water to return from the tub to the pump. The protective cover prevents foreign objects from entering the pump. Do not use the whirlpool bath if protective cover is missing. Do not remove the protective cover. Keep the cover of the return fitting clean. An obstructed cover reduces the whirlpool action and may cause damage to the pump. To clean, remove any hair or debris and wash cover with a soft brush and soap. If blockage occurs, such as a polybag, cloth or hand too close to the suction fitting, the pump instantly disengages and stops the whirlpool action until the obstruction is removed. Please do not remove suction cover. This is a safety feature designed for your protection.





SKIRT WITH REMOVABLE PANEL - FIELD INSTALLED

*For rectangular drop-in units.

The front skirt is installed permanently in place by the installer. The panel can be pulled out to service the electrical/ electronics units and pumps.

SKIRT WITH REMOVABLE PANEL

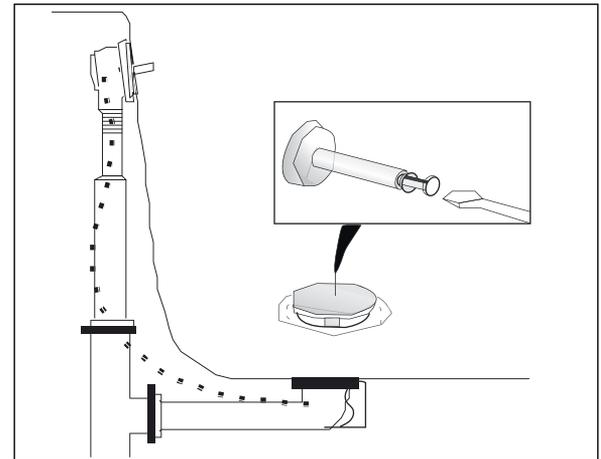
The skirt and panel are not standard features on these models. Access panel must be removable or openable, Use of suction cup or proper tool is recommended to release one side of the panel at a time. Pull from the upper centre of the panel.

BATH WASTE

The drain plug has an adjustable screw and locking nut to vary the overall length of the plug. If the bath waste drain does not seal, turn in the screw and retighten the locking nut.

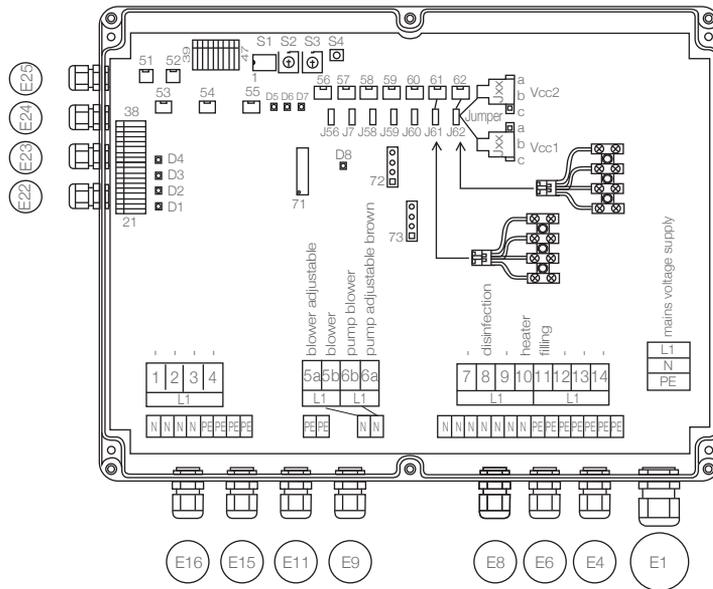
FILLER/ MIXER AND HAND SHOWER

Not standard package items. Designed for convenience and functionality and installed by Artize on requirement. The shower is non-adjustable and set on full spray stream. Turn knob of diverter to change from tub fill to handshower.



ECU TERMINAL CONNECTIONS DIAGRAM

WHIRLPOOL CONTROL TYPE 240 9028A - S90



IR-receiver	IR-receiver	disint.	whirl.
			38
			37
			36
			35
			34
			33
			32
	↓	blue	31
	↓	brown	30
	↓	+12V black	29
	↓	blue	28
	↓	brown	27
	↓	+12V black	26
	↓	blue	25
			24
	↓	+12V red	23
	↓		21
	↓	+12V	

touchpad / IR-receiver	
47	common
46	disinfection
45	filling
44	light
43	water
42	plus
41	minus
40	blower
39	common

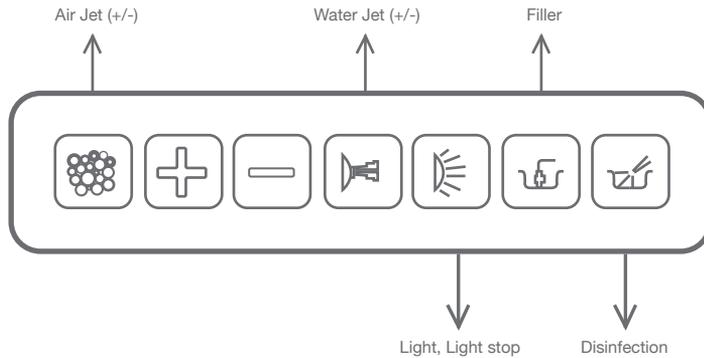
- E1 mains voltage supply
- E4 filling
- E6 heater
- E8 disinfection
- E9 pump adjustable
- E11 blower adjustable
- E15 RGB-spot 1
- E16 RGB-spot 2
- E22 TLS disinfection
- E23 TLS whirlpool
- E24 touchpad 012 3581G
- E25 IR-receiver (optional)

Technical Data

Nominal voltage 220-240v 50/60Hz
 Total connected load max. 5500w (max. 25A)
 Switching current each channel (relay) max. 8A / KI,10: 16A
 channel adjustable hriac (her. 5, ter. 6) max. 5A
 channel adjustable (ter, 7) max. 05A
 System of protection IP55
 Housing dimensions 300x230x60mm
 1916 ing. Aigner A.

- E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16
- E16, E15, E11, E9
- E8, E6, E4, E1
- 61, 62 RGB spots
- S3 HEX-switch 2
- S4 enter key
- D3, D4 control-LED for TLS
- D5 - D8 diagnose-LED

OPERATING THE CONTROLS



Touchpad with 1 Button (Light)

- First press of button  Switching on the colourlights
- Second press of button  Stop-function of the colour wheel
- Third press of button  Switching off the colourlights
- Keep button pressed  Change into mode. Direct Colour Selection
The colours change in the following order red, yellow, green, cyan, blue, violet, white
- Relax the button  The selected colour is active
- Renewed button actuation  Switching off the colourlights

Starting Disinfection

AFTER BLOW OR DRY OUT FUNCTION

Dry Out Manual

This function can only be started manually by a push of the “Air” button. Hold the button pressed until the flashing control lamp (LED) switches to double flashing light (protection against incorrect usage – child protection). Independent of the operating time of the pool, the Dry Out function would be in a waiting position.

To cancel the function press the button “Air” once. The function can only be cancelled if the pool is empty.

Operating the Chromatherapy light

1. Press the light control (the LED displays the available light options: light wash, stop, white, blue, aquamarine, green, orange, red, purple, stop).
2. To turn off the Chromatherapy light, press and hold the light control for 3 seconds. Note: when the light is be turned on again, it start with the last option selected. After Blow or Dry Out function

ELECTRONIC CONTROL

Artize whirlpool and systems

Note: The system stops automatically after 20 minutes. Advanced function: A one-minute drying cycle starts up 20 minutes after complete stoppage of the blower (Air system).

HOW TO USE YOUR WHIRLPOOL

BEFORE TAKING YOUR FIRST BATH, READ AND APPLY THE "IMPORTANT SAFETY INSTRUCTIONS".

To reduce the risk of injury, do not permit children to use the oxypool unless they are closely supervised at all times. Those requiring supervision for any reason, should never be allowed to use the whirlpool unattended. Persons under a doctor's care, pregnant women, persons with high blood pressure, heart disease, diabetes, or any serious illness, should not use a whirlpool without prior consultation with their physician. Never use a oxypool while under the influence of any drugs or alcohol.

Do not use the oxypool if protective cover is not installed on the suction intake. Keep foreign objects, including hair, away from the suction intake as they could block the intake or get caught in it. For comfort and safety, persons with long hair should tie their hair in a bun to keep it out of the water and away from the suction fitting. Never place your head below the surface of the water.

TIME TO RELAX

It's time to relax, unwind, daydream, meditate. Lie back and relax while the effervescent whirlpool action works on your body and floats away your cares.

WATER TEMPERATURE

Warm to moderately hot water is ideal for a relaxing and comfortable whirlpool bath. That temperature is between 100° F and 102° F. The maximum water temperature should never exceed 104° F. If your system uses the electronic control with back lighting, the LCD displays the temperature when the system is on. Try cooler water for an invigorating whirlpool.

Temperatures exceeding 104°F may induce hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above normal body temperature of 98.6° F. The effects of hyperthermia include: failure to perceive heat, failure to recognise the need to exit the whirlpool and unawareness of pending hazards.

FILLING THE TUB

When the tub is filled with water above the highest jet, step in and sit down before turning the whirlpool on. Do not fill over the air controls or bath waste handles. We recommend this procedure for two reasons. Some switching systems will not work unless the bather is in the whirlpool and the action of the water can alter your sense of touch and balance as your foot "seeks" the bottom of the tub.

TURNING ON THE WHIRLPOOL

Turn on the pump by pressing or touching your controls as described previously in the section on Operating the controls.

BATH ADDITIVES

A drop or two of a biodegradable liquid soap will cover you and the tub with bubbles. Most people enjoy having a few bubbles floating around them. Artize does not recommend using use oil based products because the oil will settle in the whirlpool system. The oil can also create an environment conducive to bacterial growth. However, if you choose to use oil based additives, you must clean the system as outlined below immediately after use. Bath soaps have a variety of products usable in your whirlpool bath, that do not contain oil. They have many fragrances that can enhance your whirlpool pleasure.

Be sure that any items you select for your bathing pleasure do not contain OIL ADDITIVES!

Enjoy your whirlpool... There is no finer whirlpool made than an Artize whirlpool...

USER MAINTENANCE INSTRUCTIONS

Cleaning The Tub Surface

- For daily maintenance cleaning, use a moist cloth and gentle liquid detergent
- For acrylic surfaces, occasional use of a special acrylic surface cleaner will add lustre and protect the finish
- Proper care and maintenance will preserve the high gloss acrylic finish
- To properly clean the surface, wipe with a soft damp cloth, or sponge, using household soap or liquid detergent
- DO NOT USE abrasive cleaners, scrapers, metal brushes, or any items or products that could scratch or dull the surface. HARSH CHEMICALS SHOULD NOT BE USED ON SURFACE
- The jets can be removed for cleaning. Use wrench provided with the tub. Do not remove the protective cover on the suction return for cleaning The only time the protective cover is removed is to replace the decorative ring
- Alcohol may be used to remove glue, adhesives, etc. from the surface

Cleaning The Pump And Plumbing System

After the tub is installed and ready to use, remove all construction debris and clean the tub and pump system. Clean the pump and plumbing system before first use and every month thereafter, regardless of utilisation. This is easily done as follows:

1. Set air control knobs to the closed position (turn counter clockwise).
2. Using hot water only, fill the tub to at least 2 inches above the highest jet.
3. Add 2 tablespoons of low sudsing automatic dishwasher detergent. Every other month use 1/2 cup of household bleach for cleaning the system, along with the detergent powder.
4. Operate the whirlpool for 20 minutes.
5. When the pump system stops (except on Air Switch units which have to be turned off manually), drain the water from the tub.

TROUBLESHOOTING

Whirlpool System

Pump is not functioning smoothly

- Adjust jet nozzle direction
- Unscrew the filter from the suction fitting and clean. Never obstruct the suction filter
- Make sure that pipe connections to the motor are tightened enough (tighten by hand)
- It is highly inadvisable to wash your hair while the whirlpool pump is operating. Loose hair could eventually plug or damage the pump

Jet is not functioning

- Open both air controls and try again. If jet still does not work, verify that jet hole is clear of all debris. If problem persists, contact Technical Service

Jet is leaking

- Put a silicone seal around the jet body on the outside of the bathtub. If jet still leaks, contact Technical Service

Suction fitting is leaking

- Put a silicone seal around suction body on the outside of the bathtub. If suction still leaks, contact Technical Service.

Water pump does not turn on

- Some bathtubs are fitted with a low water detector that prevents the motor from starting if the water level is insufficient. Fill tub with water and try again
- Make sure that the electric connection between the pump, electronic box and the electronic control panel is well established and that all fuses are functional. Reconnect if necessary
- Verify that electricity is supplied to pump via electronic unit and circuit breaker/safety device (i.e. RCCB/GFCI Breaker)

AIR SYSTEMS

BLOWER DOES NOT TURN ON

- Make sure that the electric connection between the pump, electronic box and the electronic control panel is well established and that all fuses are functional. Reconnect if necessary
- Verify that electricity is supplied to blower via electronic unit and circuit breaker/safety device (i.e. RCCB/GFCI Breaker)

Blower operates, but no air is coming through certain jets

- If none of the jets are working, check to see if the hose between the blower and the air distributor is properly connected and not damaged
- Verify that jets are clear of obstructions. If so, put one inch of hot water in the bathtub and clear jets by operating blower on highest setting

Blower operates for a period of time, then switches off

- The system is programmed to stop automatically after 30 minutes. To restart, push the ON/OFF switch
- The motor incorporated in the blower overheats. Allow motor to cool down for approximately 40 minutes

Blower does not execute the drying cycle

- Reset the controls by turning the breaker off and back on

ELECTRONIC CONTROLS

The electronic control fails to operate

- Verify electric power supply. Reset circuit or replace fuse if necessary
- Verify all electrical connections (including keypad connection)
- If the system has been functioning for quite some time, it is possible that the thermal protection has shut off the motor. Switch the system off and wait for at least 30 minutes before starting it up again
- If you have added an extension cord, make sure that it has been certified by the electronic control manufacturer. It could be the cause of your problem

IN-LINE HEATER

The in-line heater does not heat sufficiently

- Check the power to the heater on main electronic box

NOTE: IF ABOVE TROUBLE SHOOTING GUIDE IS INEFFECTIVE, CALL OUR TECHNICAL SERVICE TEAM
REMEMBER: An in-line heater is designed to maintain water temperature, not to substitute for a water heater

Save this manual for future reference

NOTICE FOR INSTALLER:

Owner's Manual shall be left with the home owner or with the tub after installation. Important safety instructions, warranty information and the product registration card are contained within.

TAPE THIS PACKET TO THE TUB OR LEAVE IN AN OBVIOUS PLACE

For any installation and maintenace related enquiry
please call Customer Care at 1800 121 6808 (Toll Free)
or email us at info@artize.com

