

MANUAL

SUBMERSIBLE PUMP CEDRUS PZ1100 INOX



This user manual contains important information regarding the safety, operation, maintenance and storage of the device. Before use, read the instructions and warning messages carefully. Failure to read or understand the instructions and the information contained therein may result in serious injury to the user and other persons and/or property damage. Please keep these instructions for future reference.



Original manual

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1. SECURITY INSTRUCTIONS FOR YOUR SAFETY AND THE GOOD USE OF THE PUMP

a) **SAFETY**: for your safety, read the instructions.

- ☒ This equipment is suitable neither for drinking water nor for equipment in contact with dishes.
- ☒ Unplug the equipment from the mains before any intervention.
- ☒ When the pump is running, there must be no particles in the water (clean water only).
- ☒ Do not use the pump without a residual-current device
- ☒ The pump must be used with 230V AC Power supply, as indicated on the rating plate.
- ☒ Do not use the power cable for carrying the pump or for unplugging.
- ☒ Make sure that electric connections are protected from humidity.
- ☒ Avoid dry-running of the pump. Never use the pump if suction hose is obstructed.
- ☒ It is strictly forbidden to pump corrosive, easily combustible, aggressive or explosive liquids (such as gasoline, petroleum or nitro thinner), saltwater and food
- ☒ The temperature of the liquid must not exceed 35°C.
- (30mA).
- ☒ Do not use the pump if safety devices are damaged or depleted. Never deactivate safety devices.

b) **PUMP ENVIRONMENT**

- ☒ Do not operate pumps in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- ☒ Keep children and unqualified persons away from the pump when it is in use

c) **ELECTRIC SAFETY**

- ☒ The pump cable plug must match the socket. Never modify the plug in any way. Do not use any adapter

plugs. Unmodified plugs and matching sockets will reduce risk of electric shock.

⚠️ Avoid body contact with earthed or grounded surfaces.

⚠️ Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the pump. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

⚠️ When operating a pump outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

⚠️ The pump is equipped with a socket compatible with it. The power source of your country must be in keeping with international regulations.

⚠️ If supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.

d) PERSONAL SAFETY

⚠️ Risk of injury due to hot water. If the pump runs for an extended period when the outlet is closed, the water in the pump can become heated so that hot water can emerge from the outlet and cause injuries.

⚠️ Stay alert, watch what you are doing and use common sense when operating a pump.

⚠️ Maintain your pump. If the pump is damaged, make it repair by a specialist before any use.

⚠️ Follow these instructions to use the pump, its accessories, connectors, etc... properly. The pump must be used only for its prescribed purpose. Any use other than those mentioned in this Manual will be considered a case of misuse.

⚠️ This pump 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.

⚠️ It is necessary to keep children under surveillance, and to make sure that they are not playing with the pump, or its power cord. Keep children away from the pump when operating.

SYMBOL



■ The pump must not be disposed of with normal household waste but must be disposed of in accordance with local environmental regulations.



Conformity with safety rules applicable in the EU market.



Read the instructions before use

To be checked before you start

Pumps have been designed to suck clear water only.

Drain pumps have been designed to suck clear water or dirty water with particles.

The pump must be installed on a flat and solid surface.

It is not suitable for professional use (including continuous operation)

2.GETTING STARTED

- 1, Connect a discharge pipe with a diameter at least equal to the diameter of the pump outlet
- 2.Immerse the pump in the liquid to be sucked, by making an angle of 45 degrees (to reduce the amount of air trapped in the pump body). If the pump rests on the bottom, make sure it is on a flat and stable surface.
- 3.Make sure that no one is present in the liquid to be pumped
- 4.Plug the pump to the mains

Brand Model Power (w)	CEDRUS
Capacity (l/h) Water	PZ1100 INOX
height (m) Depth (m)	1100
Max. water temp. (o C)	20000
Output diam. (mm) Max.	11
particle diam. (mm)	7
Protection level Weight	35
(kg)	G1-1/2
	25
	IPX8
	8.2

4. ACCESSORIES

Connector: 1pc +Universal Fitting: 1pc+ O-ring: 2pcs OR Hose adapter 1pc

Manual: 1pc

5.USE AND DESTINATION OF THE PUMP

Your pump is designed for domestic use. It can be used to remove or transferring.

Your pump must not be used in following situations:

- Water temperature to be sucked > 35°C
- Continuous run (ex: fountain pump)
- Drinking water supply or washing machines for dishes supply
- Corrosive, easily combustible, aggressive or explosive liquids (such as gasoline, petroleum or nitro thinner), saltwater, oils and greases must not be pumped
- Permanent submersion under 3 meters or more water

6.CARE & MAINTENANCE



Unplug the pump before any intervention

- In case of temporary installation, the pump must be cleaned up with clear water after use.
- In case of permanent installation, it is necessary to check every 3 months that start mechanism is working properly (float switch or sensor).
- Regularly remove dirt that may accumulate in the sump.
- Do not expose to frost.
- Avoid dry run.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the pump.
- Clean the pump regularly if aspirated liquid cause sediments.
- Avoid shocks, do not let the pump fall.

7. TROUBLESHOOTING

Trouble	Pls check	Should do Check your
The engine does not start and does not make noise.	Is the pump plugged? Does the pump starts when fully submerged?	electrical installation Check that the float can move freely Eliminate the reason for blocking
Pump does not deliver.	Does the impeller rotates? Is it in good condition? Is the pump inlet free? The delivery head requested exceeds the requirements of the pump or the discharge pipe is too narrow	Replace the impeller Clean the pump inlet Use the pump in accordance with its technical capabilities Increase the pipe diameter
The pump stops suddenly	Is there a sufficient water level to suck? Did the pump run for a long time without stopping? Are you sure that the pump inlet is not obstructed?	Disconnect the pump from the mains and let it cool for a few tens of minutes Clean the pump inlet Use a power supply matching the rating plate Observe the maximum

	Do the power of the mains match the rating plate? Is the temperature of the liquid less than 35°C?	allowable temperature
Flow decreases	Is the pump inlet clean? Is the impeller clean? The discharge pipe is not partially clogged?	Clean the area or areas in question (s)
Low flow or insufficient	Are you sure that the pump inlet is not obstructed? Is the impeller clean? Are you sure that the outlet pipe is not obstructed? Is the diameter of the discharge pipe enough?	Clean the zone (s) concerned and verify check valve, if applicable Connecting a pipe with a suitable diameter and suppress reduction of the water passage

8. EXPLOSIVE DRAWING

