



SUBMERSIBLE PUMP



SAFETY INSTRUCTIONS

1. It is important to read all of this leaflet before you use the submersible pump.
2. Electricity is dangerous and must always be used with great care
3. Electricity and water can make a hazardous combination. Keep electrical equipment away from rain and water, unless it is specially designed for such use.
4. This submersible pump is designed for partial or total immersion in water to be pumped.
5. The action of this submersible pump can cause damage and possibly injury if the equipment is not used in a careful and controlled way.
6. If you have not used a submersible pump before, familiarise yourself with the equipment.
7. Plan your work and think ahead to make sure you will always be working safely.
8. You must have at least the following items of protective equipment.



9. This equipment must not be used by minors, or by anyone under the influence of drugs or alcohol.
10. This submersible pump is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.

Work Area

1. Do not use this submersible pump where there is a danger of explosion. It will ignite fumes from petrol or gas cylinders.

2. If you are pumping from water where there is a risk of falling in make sure that the area is clear and safe and that no-one is near to you or could distract you.
3. Protect other people from the danger. Warn others to keep away. Put up barriers.

Submersible Pump

4. Check your pump, cables, plugs. If anything is found damaged, do not use the submersible pump — contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.
5. Check that the plug on your equipment matches your supply. Do not try to force connections or improvise them.
6. Equipment with a cylindrical yellow industrial plug fitted is designed to run off a special 110v supply. The hire company will have provided a portable transformer if you need to power the equipment from a normal 230v supply. If a portable transformer has been supplied, take care not to injure yourself when moving it about — it may be heavier than you think. Equipment designed to run directly from 230v mains will have either a normal square pin plug fitted, or a blue industrial plug.
7. Before starting ensure all hose connections are tight.
8. Do not use in water that is hot or dirty. Do not try to pump any other liquids with this machine.
9. The pump draws water through the base and discharges it into the hose.
10. Tie a rope to the lifting ring. Use this to lower the pump into the water before plugging it in. Never use the electric cable to lift the pump.
11. Do not touch electrical switches or plugs unless your hands are dry.
12. Check on how the on/off switch works. Before you switch the submersible pump on, you must know how to stop it.

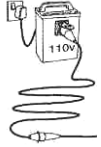
Electrical Safety

Your equipment will only operate on one voltage: it will be 110v or 230V. 110v equipment will have a yellow industrial plug fitted. 230v equipment will have either a normal square pin plug fitted or a blue industrial plug.

Read the instructions below for your equipment.

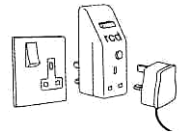
110 Volt Equipment (Yellow Plug)

1. If you are using a portable transformer, plug the transformer directly into the 230 volt socket. Do not use any 230v extension cables.
2. If you need to use an extension cable, follow any special instructions, you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres. You must only use an extension cable between the transformer and the equipment.
3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
4. Make sure that any extension cable connections are dry and safe.



230 Volt Equipment (Square Pin or Blue Plug)

1. Use a residual current device (rcd) plugged directly in to the 230volt socket. Plug your equipment into the rcd. This will help protect you against electric shock if the cable or equipment get damaged.
2. Use the TEST button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.
3. If you need an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty one, not longer than 50 metres. Plug it directly into the rcd.
4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
5. Make sure that any extension cable connections are dry and safe.



Using The Submersible Pump

1. Switch off from the main supply and remove the plug before lifting it out of the water.

2. Lift the pump from the water by the rope attached to the lifting ring. Do not lift by the electric cable.
 3. Keep the suction inlets on the pump clear of rubbish or mud.
 4. You could tie off the top end of the rope so that the pump is hanging clear of the bottom of the hold. Or you could lower the pump onto some bricks.
 5. If the pump is blocked, switch off and unplug before trying to clear.
 6. Make sure the cable does not get trapped on any sharp edges.
 7. If you think the cable may be cut or damaged in any way, switch off and unplug at the mains before inspecting it. If the cable attached to the submersible pump is damaged, stop using the equipment. Contact Torrent Trackage 24 Hour Hotline Number 0845 7697168.
 8. If an extension cable has been damaged, do not use it again.
 9. Take care, do not accidentally pull the plug from the socket.
 10. Switch off and remove the plug from the socket before leaving the pump unattended
 11. If your equipment does not work properly do not attempt to repair it. Contact Torrent Trackage 24 Hour Hotline Number 0845 7697168.
 12. You may want to read this leaflet again. Please keep it until you finish work.
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BRISTOL:	0117 982 6622
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