

PRECONDITIONS FOR INSTALLATION – NIAGARA

ROOM

- Equipment is designed for use in indoor conditions;
- Room, where the equipment is used should be moisture proof;
- Ventilation is recommended, as in the working regime, machine is creating humidity;
- It is recommended to have a general drain on a floor.
- Doorway must be wide at least 80 cm.

POWER

- Power cord material at least **3 x 2,5 mm²** copper crosscut.
- Power cord should be connected into the moisture proof junction box which is located on the equipment frame.
- Maximum power consumption for equipment at a time is **4,6kW**.
- Protective device current in front of equipment feeder not less than **20A**

WATER

WATER CONNECTION

- 2 water pressure 3/4 hoses are required for hot and cold water.
- 3/4 threaded cold and hot water inlets with location near as possible to the equipment.
- 3/4 threaded length of hoses depend upon the distance from the water inlets.

DRAINAGE

- Drainage connection on the floor should be Ø 50 mm;
- Water drainage hose should be of Ø 50 mm
- Length of drainage hose depending on the distance from drainage opening on the ground.

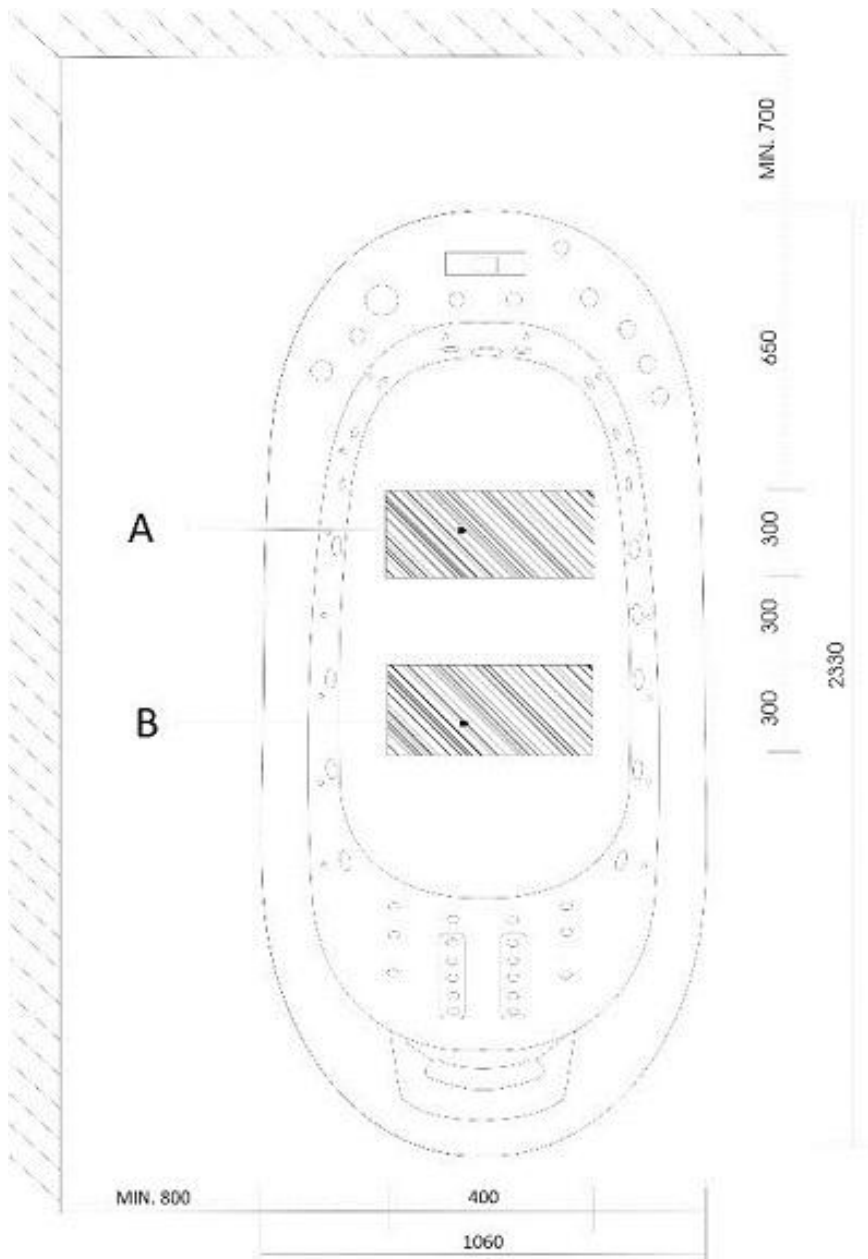


Figure 1

Legend for Figure 1

A - area for the

- Closable water inputs G3/4;
- Water draining connection Ø 50 mm on the same level with the floor .

B - area for the

- Mains cable 3x2,5 mm² with free cable-end of minimum 2,0 m;
- Earth-Connection cable 4mm² with free cable-end of minimum 2,0 m.

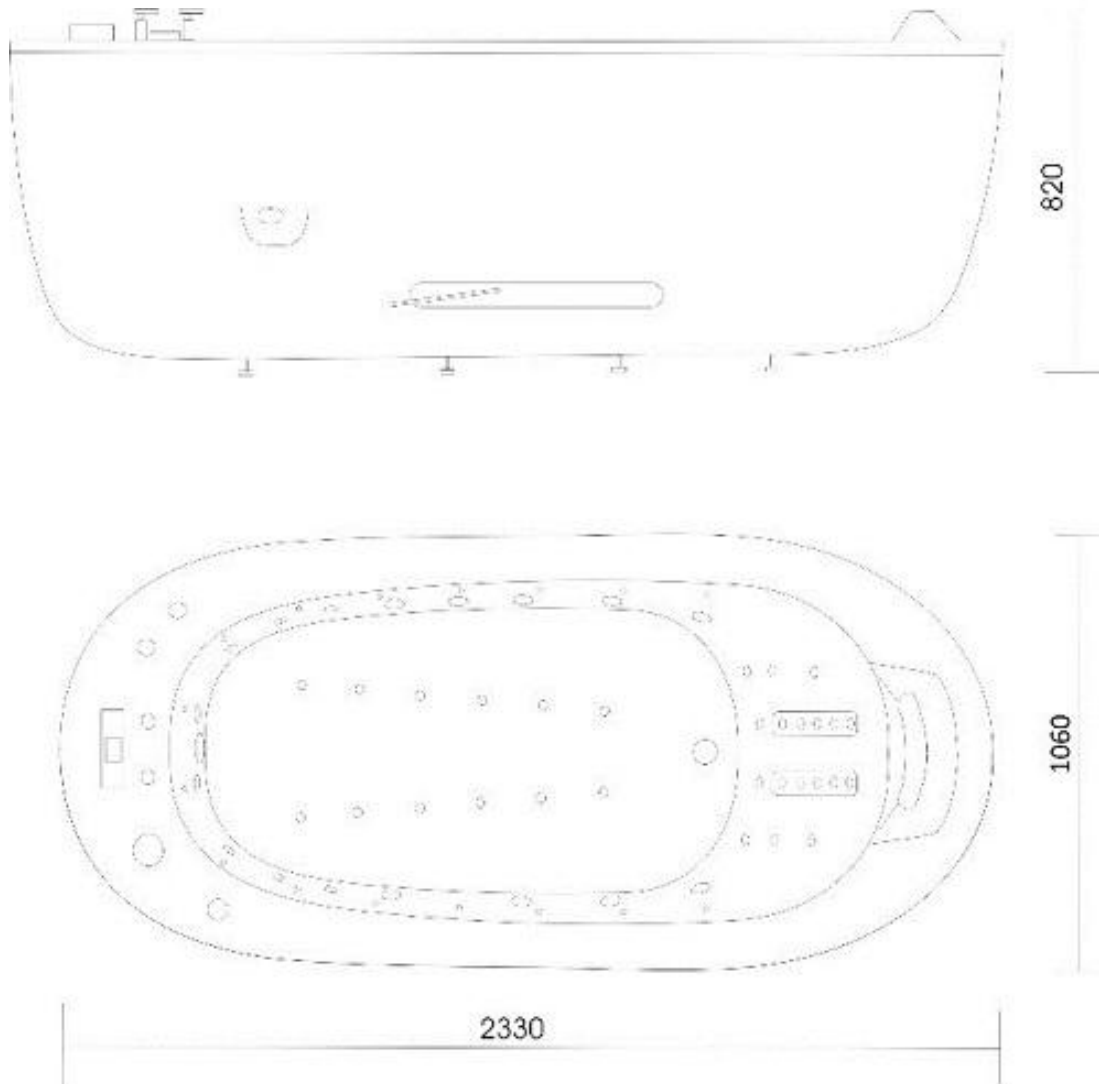


Figure 2

Electric Connection

Electric installations of NeoQi® Harmony equipment should be carried out by qualified specialists or official representative of NeoQi® AS.

NeoQi® Harmony is CLASS I EQUIPMENT in which protection against electric shock does not rely on BASIC INSULATION only, but which includes an additional safety precaution in that means are provided for the connection of the EQUIPMENT to the protective earth conductor in the fixed wiring of the installation in such a way that accessible metal parts cannot become live in the event of a failure of the basic insulation.



NeoQi® Harmony is TYPE B EQUIPMENT, providing a particular degree of protection against electrical shock, particularly regarding:

- allowable leakage current (10 mA);
- reliability of the protective earth connection.

NeoQi® Harmony equipment is according to the degree of protection against harmful ingress of water IPX5, providing protection against WATER JETS.

NeoQi® Harmony equipment is not suitable for use in the presence of a FLAMMABLE ANAESTHETIC MIXTURE WITH AIR or WITH OXYGEN OR NITROUS OXIDE.

Water Connections

Warm and cold water inlets and drainage connections of NeoQi® Harmony equipment should be carried out by qualified specialist or official representative of NeoQi® AS.

For proper functioning of equipment only **clean** tap water should be used. In case the tap water contains high percentage of abrasive substances or rust, it is recommended to install a water filter.