

Media connections for IRATHERM®1000

1. Sanitary connections

The system applies a Bosch/Siemens-compatible AQUA-STOP-SYSTEM like used in common dishwashers and washing machines.

Length of hose at system 1.5 m (standard), optional longer

2. Cold water connection

1/2" valve (to increase the operational reliability a ball valve is recommended as a barrier) with 3/4" connecting thread, water pressure minimum 2,0 bar, water flow 4L/min.

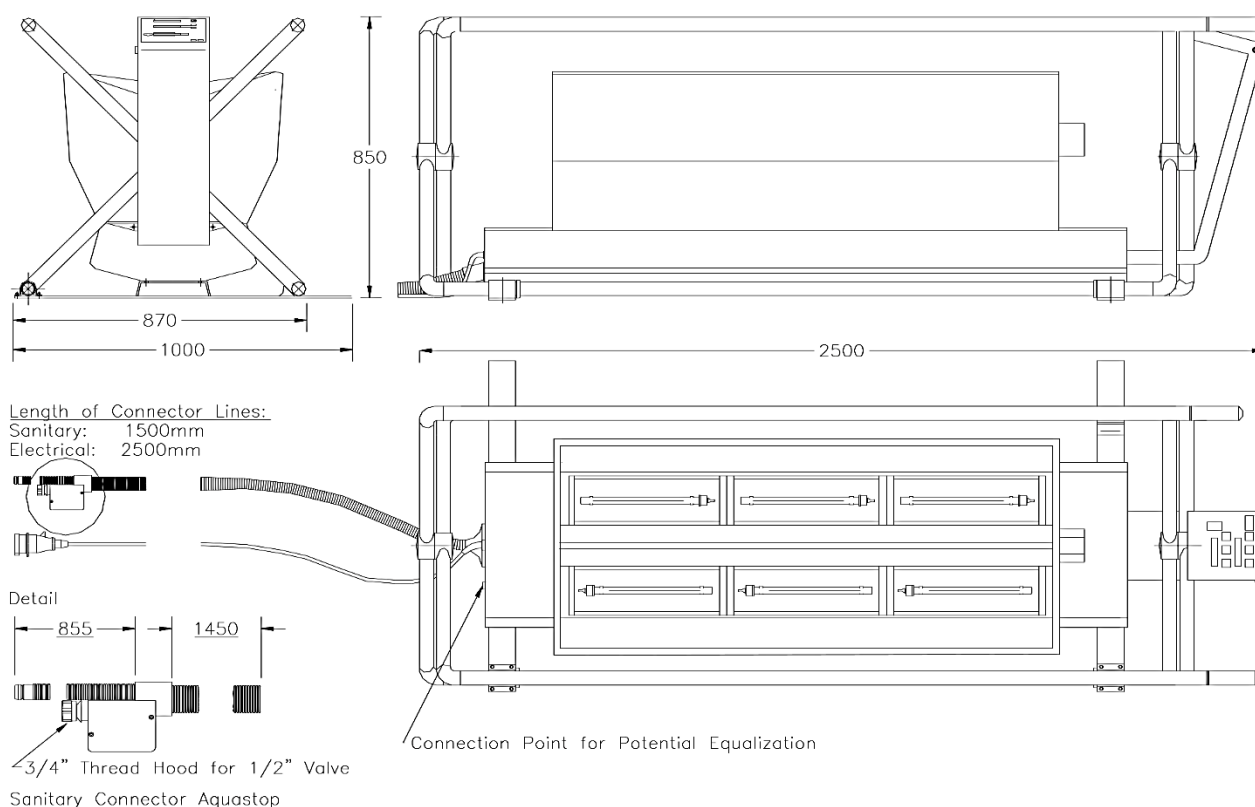
3. Water drain

Water drain with smell seal (wash basin trap with washing machine waste water connection sufficient)

4. Electrical connections

Nominal voltage: 400 V, trzyfazowe (gniazdo 16A CEE)
Protection: 3 x 16 A Type C (inert) (fuse automat Type C !), Fi-switch,
Nominal power: 8 kW
Power consumption: max. 6.9 kW
Cable length: 2.5 m (standard), longer length available upon request
Potential equalization: Cable (4 mm²) with terminal block (or similar)

5. Main dimensions



Subject to technical changes and modifications!

Manufacturer:



Von Ardenne Institut für
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Forschung GmbH

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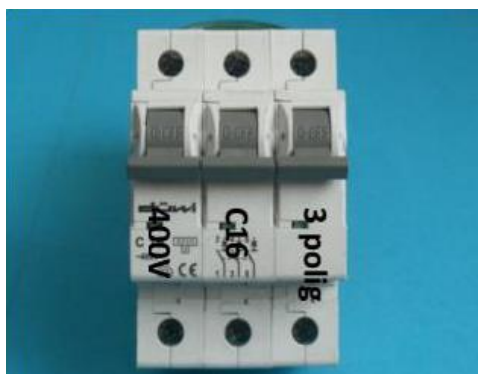
Distributor for East and Central Europe:



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www.htsystems.com.pl

Media connections for IRATHERM®1000 (follows) Details concerning electrical connection



The connection circuit breaker for the IRATHERM1000 is to be 3-pole and bear the symbol C16 / 400V



The connection residual current device for the IRATHERM1000 is to be 4-pole and bear the symbol 40A / 30mA



The electric socket in the IRATHERM room should be suitable for connecting a 5-pin plug

Additional equipotential grounding

The Iratherm 1000 requires an additional grounding (completely separate from the ground in the 5-pole socket connection). It should be an earthing connection to the building structure, in order to discharge any overvoltage to the ground. In the photo below it is marked with the text "Additional equipotential grounding"

