

Project Title

Humidifier with a Web Interface

Sponsor



Guidelines

- humidifier to server room of 80 m³
- relative humidity between 40 % and 70 % (+- 5)
- two days of autonomy
- on-off switch
- water and humidity alarms
- compliance with the EU Directives [2006/42/CE 2006-05-17](#) and [2006/95/CE 2006-12-12](#);
- composite material structure to hold the control unit and the water container
- include a life-cycle analysis
- use open source technologies
- distribution of water vapour

Participants

Institution: Instituto Superior de Engenharia do Porto

Group I

Students:

- David Testar Carbó
- Iván Arrabal Camacho
- Marta Józwiak
- Peter Gal

Supervisors:

- Betina Campos Neves (bbn 'at' isep 'dot' ipp 'dot' pt)
- João Francisco Silva (jfs 'at' isep 'dot' ipp 'dot' pt)
- Manuel Santos Silva (mss 'at' isep 'dot' ipp 'dot' pt)

- Maria Benedita Malheiro (mbm 'at' isep 'dot' ipp 'dot' pt)
- Nídia Sá Caetano (nsc 'at' isep 'dot' ipp 'dot' pt)
- Pedro Barbosa Guedes (pbg 'at' isep 'dot' ipp 'dot' pt)

Client: ISEP's Data Centre

- José Barros Oliveira (jbo 'at' isep 'dot' ipp 'dot' pt)

Acknowledgements

- [ISEP](#) (sponsor)
- Eng.º Vítor Costa Cerqueira, DEE, ISEP (wiki installation and management)
- Prof. João Correia Lopes, DEI, FEUP (wiki template)

From:

<https://eps.dee.isep.ipp.pt/> - **EPS@ISEP G1**

Permanent link:

<https://eps.dee.isep.ipp.pt/doku.php?id=home>

Last update: **2025/02/27 15:34**

