



TITLE	Humidifier with Web interface			
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SHORT DESCRIPTION	<p>The goal is to develop a humidifier with a Web interface for a server room of 80 m³. The requirements are: (i) relative humidity between 40 % and 70 % (+- 5); (ii) two days of autonomy; (iii) water and humidity alarms; (iv) on-off switch; (v) compliance with the EU Directives 2006/42/CE 2006-05-17 and 2005/95/CE 2006-12-2; (vi) composite material structure to hold the control unit and the water container; (vii) life-cycle analysis; (viii) use of open source technologies.</p>			
RELEVANT DATA	<p>Available parameters: air flow, incoming air temperature and chiller input temperature Budget limit: 900 €</p>			
RESOURCES	<p>8 temperature sensors, 8 humidity sensors and 2 dew point sensors with SNMP interface (APC);</p>			
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