



Date November 16, 2000

Dept. 4131
Telephone: +4535451043
E-mail: rh03631@rh.dk

Concerning test and the application of Aquawall in a hospital environment

• Introduction

The indoor climate in a hospital environment is an overlooked problem with stressful conditions for patients and daily working environment for the hospital staff with unpleasant noise and unbalanced humidity of the air, specifically with a low air humidity. This has unwanted effects on the eye with irritation symptoms and signs of "unexplained" sense of being tired.

Static electricity presents an irritation and the level of acceptance is often surpassed specifically during the winter season with reduced air humidity.

Unspecific uncontrollable noise gives rise to lack of concentration a factor which enhances the sensation of being tired.

• Problem presentation

A necessary prerequisite for the permanent use of and the quality demands for the Aquawall indoor modification system can be described in three dimensions:

- it is safe specifically in relation to unwanted hygienic contamination.
- it improves the physical and psychologic working environment.
- it modifies the experience of the local indoor climate in a positive fashion.

• Experience with the Aquawall indoor climate modification system in hospitals

The use of Aqua wall in a stress-full working environment has been applied in Rigshospitalet.

Four Aqua wall's have been installed in department of microbiology, and further 3 Aqua Wall's have subsequently been tested in 3 other departments.

A. The experience of the test in dept, of microbiology during a whole month test phase