

**TITLE****THE NON-INTRUSIVE AND EXTENDED USE OF WATER  
RESERVOIRS IN BUILDINGS AS THERMAL STORAGE FOR  
HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS****Abstract**

[0068] A method and system of for using existing bodies of water in buildings to reduce the cost of air conditioning is taught. Under the present invention, storage means such as water tanks for the emergency sprinkler system may be used to extend the useful temperature differential of thermal storage means beyond the typical 10°C of the prior art for both heating and cooling. The present invention achieves these objectives while preserving the integrity and purpose of these existing bodies of water in buildings. FIG. 1 accompanies the abstract.