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(54) Title: AN AIR CONDITIONING SYSTEM AND METHOD OF OPERATION THEREOF

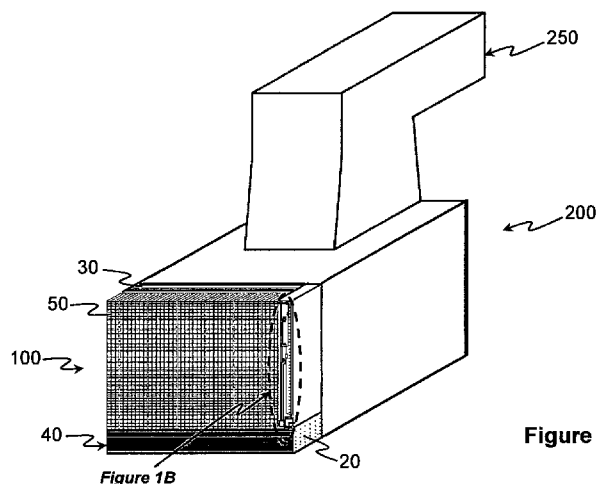


Figure 1A

(57) Abstract: An air conditioning unit and method of installation and operation thereof are disclosed. The air conditioning unit may include, but are not limited to, a compressor, condenser coils, evaporator coils, a reservoir of heat absorbing materials and condensation, which may be installed and operable in cooperation with an air handling unit (AHU). Depending on circumstances, the air conditioning unit may operate when an existing air conditioning system is switched off, or when an existing air conditioning system is switched on for providing further cooling without having to increase the overall load of the existing air conditioning system.