

Contribution to Energy Conservation and Comfortable Spaces by Developing and Spreading Radiant Cooling System with Humidity and Personal Airflow Control

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We focused attention on the process of heat removal from the human body by radiation, convection and moisture evaporation and devised a concept system that can effectively adjust them. In order to apply it to various buildings, we have continuously developed many element technologies and made it possible to design an air conditioning system combining them. Through these activities, we created numerous architectural works that adopted this system. Furthermore, by disseminating concepts and technical information widely to society, it contributed to energy saving and comfortable space creation.