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(57) Abstract :
 INTEGRATED COOLING SYSTEM WITH 360° AIRFLOW TECHNOLOGY FOR ENHANCED EFFICIENCY AND ENVIRONMENTAL SUSTAINABILITY ABSTRACT The 360° air cooler presents an innovative solution to the escalating energy consumption and environmental concerns associated with conventional air conditioning systems. This abstract encapsulates the necessity and benefits of adopting this technology. With energy depletion and global warming looming as imminent threats, the imperative for energy-efficient cooling methods becomes paramount. Unlike traditional air conditioners that emit harmful Chloro-Flouro Carbons, the 360° air cooler utilizes a process that reduces energy consumption and minimizes heat emissions, thereby mitigating its environmental footprint. Its operation involves extracting latent heat from passing air, resulting in decreased temperature and increased humidity. Moreover, this cooler distinguishes itself by providing comprehensive cooling in all directions through chilled water, ensuring a holistic cooling experience. The introduction positions 360 Coolers as a pioneering entity in the cooling industry, prioritizing innovation, comfort, and environmental responsibility. By seamlessly integrating advanced technology with eco-conscious practices, 360 Coolers emerges as a frontrunner for those seeking sustainable and effective cooling solutions.

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