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THERMAL CONTROL
BUSINESS UPDATE
India's complete HVACR magazine

Sustainable Cooling Technologies for Data Centres

The world will come to a halt, with countries bearing millions of losses if cyberspace comes to rest even for a day. While data consumption is rising and the world is running over the internet, the emphasis on data centres is at its peak. The global soaring temperature makes us note that the temperature of centres where huge amounts of data are stored is also maintained for smooth functioning. Industry experts share their bits about the problem, its solution, and a better future.

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due to the increasing concerns among governmental authorities in various countries regarding the need to monitor and regulate air pollution.

The impact of air pollution, particularly in low-income nations, has raised significant concerns, leading to the implementation of action plans aimed at reducing air quality index levels. This is expected to drive growth in the government segment. Within the five major geographic regions, the Asia Pacific market is poised to gain a substantial share during the forecast period. This is attributed to the high levels of air pollution in developing countries in the region, coupled with the growing initiatives by governments to monitor and control air pollution.

Increasing air pollution

According to the World Health Organisation, 90 percent of the global population is exposed to extremely unhealthy air. Air pollution is responsible for numerous health issues and diseases, leading to significant loss of both lives and economic resources. The increasing awareness and concern among individuals about the escalating levels of worldwide air pollution are anticipated to drive the market's expansion.

Nevertheless, the slow adoption of pollution control measures and the elevated costs of these monitoring systems are likely to serve as significant obstacles to the growth of the monitoring system market in the foreseeable future.

Challenges and the way forward

Despite the progress in air pollution control, challenges persist. Many developing nations need more infrastructure to monitor and combat air pollution effectively. International collaboration is essential to address this global problem comprehensively.

In conclusion, the battle against air pollution is far from over, but innovative control systems offer hope for a cleaner and healthier future. The collective efforts of governments, industries, and individuals are crucial in achieving sustainable air quality improvements and mitigating the consequences of this silent yet deadly enemy.

Emerging players are exploring opportunities, and various stakeholders are focusing on adjusting their market-focused strategies to align with current and anticipated future trends. The growing concern amongst governments to curb pollution and growing awareness amongst people is estimated to boost the market growth. By prioritising innovative solutions and taking decisive actions, we can pave the way for a cleaner, healthier planet for future generations.

Source: https://www.researchnester.com
https://www.nrdc.org

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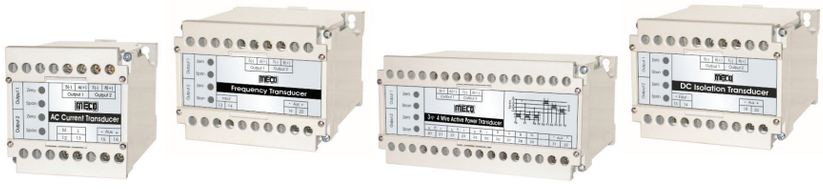

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