



*The Cooling People!*

**Why Opt for Tempcon  
Industrial Panel**

**Air Conditioner**

**Over a**

**Standard AC**

**in Your Sortex Room?**





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# Introduction

In the world of grain sorting, temperature control plays a pivotal role. Today we will explore the significance of utilizing Tempcon Industrial Panel Air Conditioner over standard AC units to maintain precise temperatures within Grain Sortex Room Carousels. Discover how this choice can elevate grain quality and sorting efficiency.



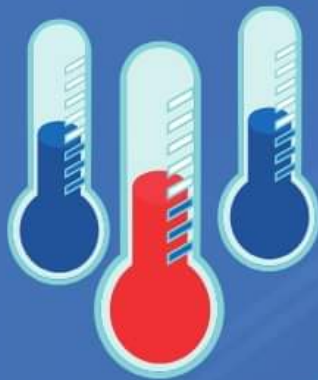


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# The Challenge

Ensuring a consistent environment within a Grain Sortex Room Carousel is a complex undertaking. Temperature fluctuations, even within a narrow range, pose a significant challenge. Grain sorting demands precise conditions; minor shifts in temperature can alter moisture content and grain characteristics, affecting sorting accuracy. Inconsistent temperatures lead to varying grain quality, impacting market value and customer satisfaction. To avoid these pitfalls, choosing the Tempcon Industrial Panel Air Conditioner is imperative, as it guarantees stability and precision, safeguarding the integrity of the grain sorting process and resulting in consistently high-quality grains.





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# Why Industrial PACs for Sortex Rooms is a Wise Investment?

- Designed for industrial use, effectively managing equipment-generated heat.
- Optimal performance at 55-degree ambient conditions.
- Resilient in high-dust industrial environments.
- Efficient heat dissipation from machinery, ensuring a conducive workspace.
- Powerful industrial blower for excellent airflow (up to 600 CFM/TR).
- Reliable operation with a heavy-duty industrial compressor, 24/7 in industrial conditions.
- Uses a large-sized condenser and evaporator for eco-friendly refrigerants and high industrial ambient conditions.
- Robust air filter handling high-volume industrial dust, easily cleaned.
- Precise temperature and humidity control via an advanced PLC system.
- Customizable designs to suit specific client needs.





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# Limitations of Normal AC for Industrial Use

- **Focuses on Human Comfort:** Engineered for indoor comfort optimization.
- **Suited for Mild Environments:** Tailored for regular indoor climate conditions.
- **Vulnerable to Challenges:** Prone to clogging and breakdowns, especially in dusty environments.
- **Insufficient for Industrial Heat:** Not designed to handle continuous heat from machinery.
- **Limited Blower Capacity:** Equipped with blowers limited in airflow and cooling efficiency.
- **Inadequate for High Industrial Heat:** Components not suitable for high industrial temperatures.
- **Basic Air Filtration:** Uses simple air filters that clog easily in demanding environments.
- **Standard Design for Indoors:** Primarily designed for typical indoor settings.





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# Precision Temperature Control

Tempcon ensures precise temperature control crucial for grain sorting by using advanced sensors and controls tailored to industrial needs. In contrast, normal AC systems lack the precision needed, struggling to maintain consistent temperatures. This variability can disrupt grain sorting accuracy and result in inconsistent grain quality.





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# Contact Us

Adopting the Tempcon Industrial Panel Air Conditioner is pivotal for precise temperature control, ensuring consistent and high-quality grain sorting. To elevate results and optimize your grain sorting processes, contact Tempcon today. Achieve superior grain quality and sorting efficiency with Tempcon's expertise.



Try **TEMPCON'S**  
chillers today

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 **#Tempcon**