

COPELAND ZX CONDENSING UNITS

# Restaurant chain improves efficiency and reliability of cold rooms

*Fascool Refrigeration partners with Copeland to provide a restaurant chain in Indonesia with an effective refrigeration system equipped with Copeland ZX condensing units.*

## Summary

Fascool has relied on Copeland products since its establishment in 2012 and has successfully delivered refrigeration requirements for the Indonesian market ever since.

## Customer

Based in Jakarta, Indonesia, Fascool Refrigeration provides cold chain solutions that serve various applications from food processing to distribution centers and cold storage facilities. Their refrigeration solutions expertise extends to food service applications like restaurants, and even to customized wine cellars for residential customers.

## Challenge

Fascool was tasked by their customer to design and build low- and medium-temperature cold storage rooms for six restaurant outlets located in Jakarta and

Subaraya. The restaurant chain required high-quality commercial refrigeration to safely maintain the freshness of its perishables stocks while reducing their energy costs. They also needed the solution to be easily serviceable and maintained to avoid costly system downtimes. Each outlet had unique issues that needed to be addressed, from inconsistent temperatures to high-pressure issues from stores located in shopping malls.

## Solution

Copeland worked closely with Fascool and the customer to come up with an efficient and robust refrigeration solution that was also able to address the specific needs of each outlet. After careful assessment, Fascool proposed a refrigeration system based on Copeland ZX condensing units for their cold storage rooms. Copeland ZX condensing units are designed for exceptional performance and energy efficiency with smart protection and diagnostics to meet the toughest refrigeration challenges. The slim and lightweight design increases its flexibility for installation in limited

floor spaces. Copeland ZX's diagnostic and protection systems help improve system performance, lower energy consumption and reduce maintenance costs. Copeland ZXD condensing units were installed in outlets that required medium-temperature cooling for new cold rooms while low-temperature rooms needing upgrades were installed with Copeland ZXL condensing units.



## Results

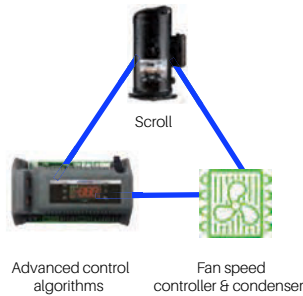
After Fascool's successful installation of the Copeland refrigeration solution, the restaurant chain saw significant improvements in their operations. Cold-room temperatures are now more accurately maintained, reducing food wastage by sustaining appropriate food-handling temperatures. By improving kitchen operations, the chain restaurant is able to maintain high-quality service for its dining patrons.

## Copeland ZX Condensing Units

### Market-leading efficiency and performance

Achieving high efficiency and performance by combining:

- Copeland scroll compressor
- Fan-speed controller
- Optimized condenser coils
- Advanced control algorithms



| Features                  | Benefits   |
|---------------------------|--|
| Diagnostics & protection  | Software controls designed to improve system performance, save energy and reduce maintenance costs |
| Quiet protection          | Sound jacket significantly reduces noise and vibration   |
| Slim & lightweight design | Increases flexibility for installations in limited floor area                                      |
| Connectivity              | Used in combination with Dixell XWeb for optimizing operations with real-time monitoring           |

To learn more, visit [copeland.com](https://www.copeland.com)

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