



## Project Details

### LOCATION

Kuala Lumpur, Malaysia

### BUILDING TYPE

Commercial

### SIZE

205,000 sq. ft.  
Grade A office tower

### EQUIPMENT

Carrier Water-Cooled  
Packaged Units

**PUBLIC LISTED REIT SUFFERED FROM  
ESCALATING OPERATING COSTS.  
WE DEMONSTRATED CLIMACHECK.  
THE RESULTS ASTOUNDED THEM.**

The chillers were measured with a ClimaCheck Onsite portable system. It was immediately diagnosed that the refrigerant charge was extremely low. ClimaCheck detected the Superheat was 42K. Charging of the system was completed with the assistance of the service technician. ClimaCheck measured after the rectification and to confirm the charge was correct.

Improvements, quantified

- Superheat improvement from 42K to 1.1K
- 9.4% improvement on kW/RT
- Cooling capacity increased by 200%
- COP increased from 2.98 to 3.3
- Compressor discharge temperature reduced from 117°C to 79°C



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Competitive Energy Advantage, Delivered