

COOLNOMIX CASE STUDIES

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COOLNOMIX® is a simple add-on energy efficiency retrofit device that can:

1. Decrease **COOLING ENERGY** consumption by **30%**
2. Achieve a **PAYBACK PERIOD** of approximately **1 YEAR**
3. Enhance **INDOOR COMFORT** and **PRODUCTIVITY**
4. Reduce energy-related **EMISSIONS**

Simply install **COOLNOMIX®** on your air conditioning or refrigeration system and realize immediate energy and financial savings!



COOLNOMIX® has been installed in over 46 countries and continues to save customers millions of dollars on their cooling costs. COOLNOMIX® has been independently tested at various locations around the globe including restaurants, universities, banks, offices, and more. Review our case studies below to see how COOLNOMIX® could work for you.



HSBC hired JLL to help cut energy costs in bank branches across Asia-Pacific. HSBC saved over HK\$3 million per year by installing COOLNOMIX® in HSBC branches that have DX, ducted, split-type, and VRV/VRF air conditioning systems. After installing 895 units in 55 retail bank offices across five Asia-Pacific countries, JLL documented an average of 27% savings and a simple payback period of 7.2 months.

27%



Nippon Comsys Corp, Japan's largest telecom engineering contractor, piloted 15 COOLNOMIX® units on some of the newest VRF cooling systems. Due to the overwhelming success of the pilot, which averaged 40% savings, Comsys equipped all Mitsubishi units in their headquarters with COOLNOMIX®. As the design authority of NTT, Comsys has recommended that NTT Docomo roll out 40,000 units at 20,000 mobile phone base stations, estimating NTT would save \$500 million over 10 years.

40%



COOLNOMIX® was installed on the RTU at Chelsea Library in Massachusetts, which has significantly more heating degree days than cooling degree days. Even with the low amount of cooling demand, COOLNOMIX® reduced cooling energy consumption by 39% which resulted in a simple payback of 10 months, saving the library around \$1,400 a year. COOLNOMIX® can produce results, even in cold climates!

39%



COOLNOMIX® was installed on a walk-in refrigerator at an Outback Steakhouse in Australia. Not only did it reduce energy consumption by 37%, but it maintained a much tighter temperature control. This resulted in a savings of 11,000 kWh and \$2,200 a year. For restaurants and food service locations with year-round refrigeration needs, COOLNOMIX® can deliver constant, predictable savings while reducing product safety risks.

37%



McDonald's
Australia
Air Conditioning
Energy Saved: **47%**



JW MARRIOTT.

JW : Marriott
Indonesia
Walk-in Cooler
Energy Saved: **24%**



CHI Residences
Hong Kong
Air Conditioning
Energy Saved: **42%**



Hilton Hotels
United Kingdom
Split AC
Energy Saved: **34%**



Outback Steakhouse
Australia
Walk-In Refrigeration
Energy Saved: **37%**



Kimberly-Clark
Warehouse – Indonesia
Split AC
Energy Saved: **35%**



Westpac Bank
Australia
Packaged and Split AC
Energy Saved: **44%**



Hutchison Global Communications
IT Room - Hong Kong
Air Conditioning
Energy Saved: **26%**



Domino's
Sri Lanka
Wall AC
Energy Saved: **58%**



7 Eleven
Split ACs
Energy Saved: **24%**



Ovolo Hotels
Hotel Rooms – Hong Kong
Air Conditioning
Energy Saved: **58%**



ASM Pacific Technology
Hong Kong
Air Conditioning
Energy Saved: **34%**



Chelsea Library
United States
Air Conditioning
Energy Saved: **39%**



Royal Bank of Scotland
England
Air Conditioning
Energy Saved: **25%**



Sanofi
Server Room – England
Air Conditioning
Energy Saved: **15%**