TECHNIC ELECTRICAL ENGINEERING
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CONTINEWM ® Nets
Embassy of CANADA in THAILAND
Real Life Conditions Test Report

Testing Company : *Technic Electrical Engineering (Thailand) Co., Ltd.*

Client	Embassy of Canada - Bangkok	Net generation	CONTINEWM® Beta
Type	Residence condominium appartment	Condition	Real Life
Date	December 2016	A/C technology	Split
Duration	2 x 3 months	**Saving results**	**Average = 43.4%**
Net Installation	Indoor	Saving base	Total electricty consumption

1. Executive summary:

- *CONTINEWM net product description*:
  - CONTINEWM® Net is an innovative product developed, produced and patented in Japan, made of special ceramic in dilute polyethylene that emit far infrared rays. This electromagnetic wave (4 to 14µm) creates weak vibrations to the moisture in the air and makes water molecular group atomized. The atomized water molecular groups increase the contact area between the air and heat exchanger. When placed at the air inlet of the evaporator of an air conditioning indoor unit, the increased contact area between the air and the fins improves the heat exchange ratio and efficiency of the evaporator, reducing the load on the compressor on the outdoor unit generating energy savings. The atomized moisture in the air conveys heat energy quicker and spreads out more evenly in the room. Therefore, the temperature in the room is more homogenous, the A/C reaches the set temperature faster and maintains it more easily, increasing the efficiency of the A/C system. CONTINEWM® Net is very easy to install, no need to turn off A/C during installation, no need to perform any modification on the A/C system and it does not generate any additional running cost nor maintenance cost.