

Susnomics Engineering Systems

ENERGY AUDITOR & ESCO

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AIRTRON VALIDATION FROM SUSNOMICS ENGINEERING SYSTEMS : SAVINGS 35%

Dear Mr Kishore,

There were some notes I got from my team during the visit to Dubai,UAE.

LABOR CAMP:

1. Airtron installed in the split AC which operate with a set temperature of 16 deg C and the actual room temperature is 29 deg C with & without Airtron. This considered to be a extreme condition of Split AC since the compressor almost runs round-the clock. Even then Airtron provide 15% savings without compromising on user end temperature. If we install the Airtron where the split AC runs with 21 deg C set temperature, the savings would go-up.

2. There are certain cycle parameters to be set on the Airtron and we have set that parameters for peak summer condition. The savings would go up If we change this parameters for normal operation.

3. We have also installed the Airtron in Guest room split ACs where we found the savings in the order of 35%. Split AC set temperature is 21 deg C and parameters set in the Airtron for peak summer condition. I shall request Deva to forward this data also tomorrow.

Arjun V.
Executive Director,
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Energy Auditors