

RATA – Newsletter

15th January 2014

Issue 1

From the RATA Office

Dear Members

We wish you a very Happy and Prosperous New Year. Starting this month we shall send you one NEWSLETTER which will update you on the various activities that the committee has undertaken. We invite volunteers who can contribute in managing the various activities of the association.



Enclosures

The Following enclosures are being sent with this NEWSLETTER

1. Minutes of the last Committee Meeting
2. Copies of relevant notes from the economic statistics sourced from Assocham
3. List of 2014 holidays
4. Educational note on the use of PFC aluminum condensers in air conditioners in India

Participate in RATA

1. Send us informational material that will help share your knowledge with the rest of the members
2. Be part of the RATA facebookgroup it has till date over 425 members from around the world
3. Like us at RATAINDIA facebook page and be updated on the activities of RATA.

HIGHLIGHTS

1. Rata has till date booked more than 1200 sq ft of stalls for ACREX 2014 to be held in Delhi in February 2014. (27th Feb to 1st March)
2. The Surat Air Conditioning & Refrigeration Engineers Association (SAREA) has confirmed to their affiliation to RATA we welcome their 175 members as our extended family.
3. www.rataindia.com is active and is not just a website with information but is a portal where our members can generate business through the internet.
4. We have till date received 40 Micro sites from our various members who are generating business through our website.
5. All Committee Members contact details are available on the website please feel free to contact them to participate and contribute to RATA.
6. RATA is currently planning a delegation to the CHINA REFRIGERATION 2014 (9th to 11th April)
7. Over the next two months committee meetings are being planned in Pune and Surat.
8. A members meeting is being planned in the first quarter of 2014

The Refrigeration and Airconditioning Trade Association LTD

110, Unique Industrial Estate. 1 st Floor Bombay Dyeing Compound.
Off Veer Savarkar Marg , Prabhadevi . Mumbai 400 025

Tel : 022 24381140 Email : info@rataindia.com

Website : www.rataindia.com

राटा कार्यालय से



Enclosures

निम्नलिखित बाड़ों इस समाचार पत्र के साथ भेजा जा रहा है.

1. पिछले कमेटी की बैठक का कार्यवृत्त.
2. Assocham से स्रोत आर्थिक आँकड़ों से प्रासंगिक नोटों की प्रतियां.
3. 2014 की छुट्टियों की सूची.
4. भारत में एयर कंडीशनरों में पीएफसी एल्यूमीनियम condensers के उपयोग पर शैक्षिक नोट.

राटा में भाग लेने के लिए

1. सदस्यों के साथ आपका ज्ञान शेयर करना.
2. राटा फेसबुक Group से जुड़ें दुनिया के 425 से अधिक सदस्य शामिल हैं.
3. **Like us at RATAINDIA** फेसबुक पेज और राटा की गतिविधियों पर अद्यतन हो.

प्रिय सदस्य

हम आपको एक बहुत खुश और समृद्ध नए साल की कामना करते हैं. इस महीने के शुरुआत हम आपको एक समाचार पत्र भेज देंगे जो विभिन्न गतिविधियों के बारे में आप को अपडेट करेंगे जो कमेटी ने कार्य शुरू किया है. हम एसोसिएशन की विभिन्न गतिविधियों के प्रबंधन में योगदान कर सकते हैं जो स्वयंसेवकों आमंत्रित करते हैं.

मुख्य विशेषताएं

1. राटा आज तक फरवरी 2014 में दिल्ली में आयोजित होने वाले ACREX 2014 के लिए स्टालों के 1200 से अधिक वर्ग फुट बुक किया है. (27th Feb to 1st March)
2. The Surat Air Conditioning & Refrigeration Engineers Association (**SAREA**) 175 सदस्यों का हम अपने विस्तारित परिवार के रूप में स्वागत राटा को उनकी संबद्धता की पुष्टि करना चाहते हैं.
3. www.rataindia.com सक्रिय है और जानकारी के साथ सिर्फ एक वेबसाइट नहीं है लेकिन हमारे सदस्यों इंटरनेट के माध्यम से व्यापार उत्पन्न कर सकते हैं, जहां एक पोर्टल है.
4. सदस्यों द्वारा पंजीकृत 40 माइक्रोसाइट हमारी वेबसाइट के माध्यम से व्यापार पैदा कर रहे हैं.
5. सभी कमेटी के सदस्यों से संपर्क विवरण वेबसाइट पर उपलब्ध हैं. भाग लेने के लिए उनसे संपर्क और राटा में योगदान कर सकते हैं.
6. राटा वर्तमान में चीन प्रशीतन 2014 के लिए एक प्रतिनिधिमंडल योजना बना रहा है. (9th to 11th April)
7. अगले दो महीनों कमेटी ने की बैठकों की पुणे और सूरत में योजना बनाई है.
8. राटा सदस्यों की बैठक मार्च 2014 में योजना बनाई है.

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Date: - 3rd December 2013

**To,
All Members of THE R.A.T.A LTD,**

Mumbai.

**Minutes of the 14th Managing Committee Meeting held on 3rd December 2013 at
THE RATA LTD office at 6.00 pm.**

President Mr. Parasmal Sirohia took the chair and called the meeting to order.

Roll call was taken and the following committee members were present.

| Sr.no | Name of Person | Name of Company |
|--------------|-----------------------|-----------------------------------|
| 1. | Mr. Parasmal Sirohia | M/s Delite Refrigeration Co |
| 2. | Mr. Deepak Dalmia | M/s Coolvin HVAC Services |
| 3. | Mr. Ajit Panicker | M/s Nova ACR Services (I) Pvt Ltd |
| 4. | Mr. Jasprit Singh | M/s H J International |
| 5. | Mr. Hitendra Morakia | M/s Industrial Metal |
| 6. | Mr. Mihir Sanghavi | M/s Auro Engineering Company |
| 7. | Mr. R T Gurnaney | M/s Nova ACR Services (I) Pvt Ltd |

The following committee members were absent.

| Sr.no | Name of Person | Name of Company |
|--------------|------------------------|---------------------------------|
| 1. | Mr. Akash Varma | M/s Ishwar Trading |
| 2. | Mr. Manish Shah | M/s M.S. Systems |
| 3. | Mr. Manoj Vijayvergiya | M/s Sai Green Gases Enterprises |
| 4. | Mr Pankaj Choraria | M/s Boulton Trading Corporation |

1) To read and confirm the minutes of the 13th Managing Committee Meeting held on 22nd October 2013. The minutes of the 13th Managing Committee Meeting were read and confirmed without any correction.

2) **To discuss all matters arising out of the minutes.**

Committee members discussed on the progress related to ISHRAE Tie up for Mumbai Chapter. A letter for the same has been sent to Hon. President (Mumbai Chapter) Mr. Shankar Sapaliga further Mr. Mihir Sanghavi will Co-ordinate on the same.

3) **To discuss about the future event to be conducted.**

It was discussed and finalize to conduct an Extra General Meeting at Pune for Membership Drive being tentative date 20th December 2013 venue to be declared once confirmed Mr. Mihir Sanghavi will Co-ordinate on the same.

4) **To discuss about the progress on Microsite.**

Committee Members reviewed on the registration of Microsite and called personally to members who had confirmed registration but did not register for the same.

5) **To discuss about the renovation plans of RATA office.**

Mr Deepak Dalmia is communicating with Architect for the same. The quotation for carpentry and civil works etc have been received and will be finalized after few changes and finalization of layout. The modification to the layout as discussed was to be conveyed to the Architect for designing.

6) **To discuss on the Members List on AIACRA website.**

It was discussed and jointly concluded that an official letter to be issued to AIACRA requesting them to remove the details of RATA Members from their website as RATA is not displaying the Members detail on its own website.

7) **To discuss on China Refrigeration 2014.**

Committee Members discussed and concluded to send letter to the Members being tentative cost of China Beijing tour Rs 65,000/- that may fluctuate as per the rates of dollar Members interested would have to deposit Rs 20,000/- for the same once approximate members confirm a better bargain can be done by the tour operators.

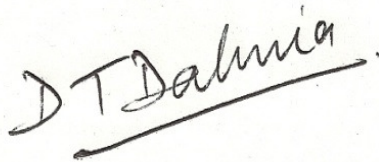
8) To discuss on the problem arising to members cause of B.E.E Star Rating for Air Conditioners.

Committee Members discussed in brief of the issue coming up cause of star rating on various product and the problems caused because of the same they also discussed on the complains received to RATA for the same. It was concluded to write a letter to B.E.E on behalf of the members to take the issue further.

Vote of Thanks.

A hearty Vote of thanks was proposed and accorded to Mr. Jasprit Singh for graciously sponsoring the meeting.

For THE RATA LTD

A handwritten signature in black ink that reads "D T Dalmia". The signature is written in a cursive style and is underlined with a single horizontal line.

Hon. Secretary
Mr Deepak Dalmia



3. Market Trends

BSE: The 30 share BSE Sensex decreased by 1.9 per cent and closed at 20,851.33

NSE: Nifty decreased by 2.0 per cent during the week and closed at 6211.15

Dollar: The value of Rupee depreciated by Rs. 0.4 against the US dollar during the week and closed at Rs 62.4 per dollar.

Euro: The value of Rupee depreciated by Rs. 0.01 against the Euro and closed at Rs. 85.19 per euro.

Gold: Prices of gold increased by Rs. 68.15 per 10 grams during the week and closed at Rs. 29513.0 per 10 grams.

Silver: Prices of silver increased by Rs. 971.5 during the week and closed at Rs. 45370 Per kg.

Crude Oil: The prices of crude oil decreased by USD 2.4 per barrel and closed at USD 107.9 per barrel.

Forex Reserves: India's Foreign Exchange reserves increased by USD 0.2 billion to USD 295.7 billion during the week-ended December 27, 2013.

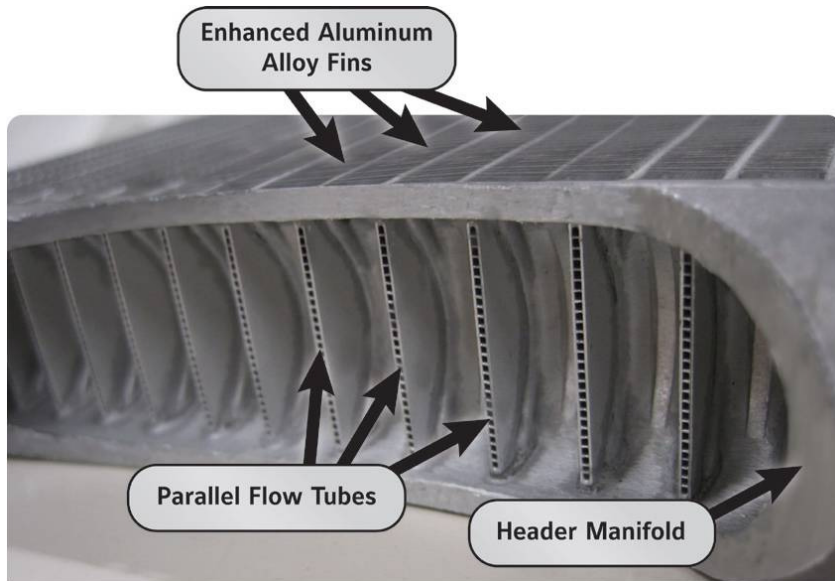
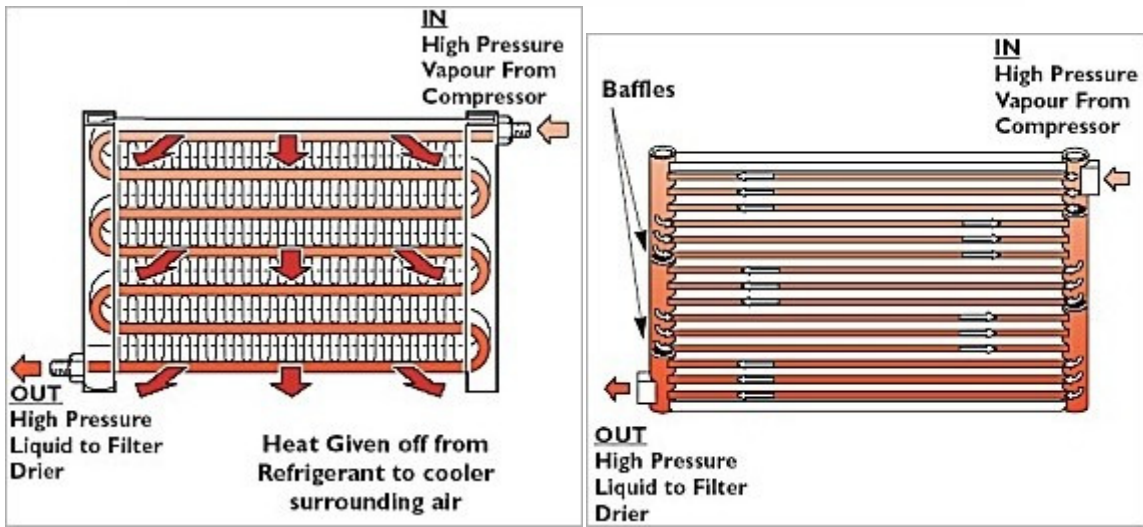
ADVANTAGES & DISADVANTAGES OF PFC CONDENSERS USED IN SPLIT AIR CONDITIONERS

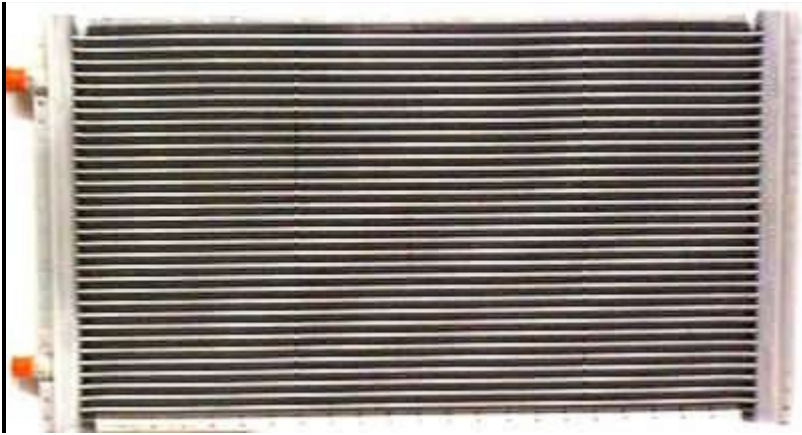
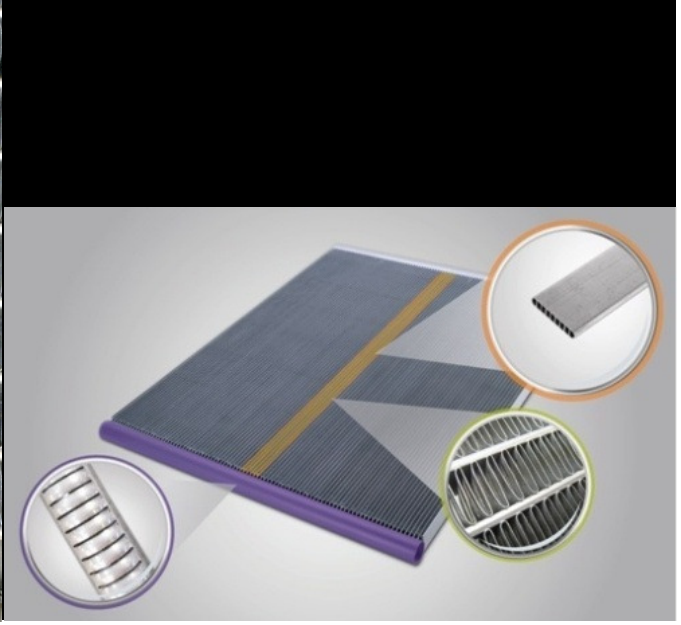
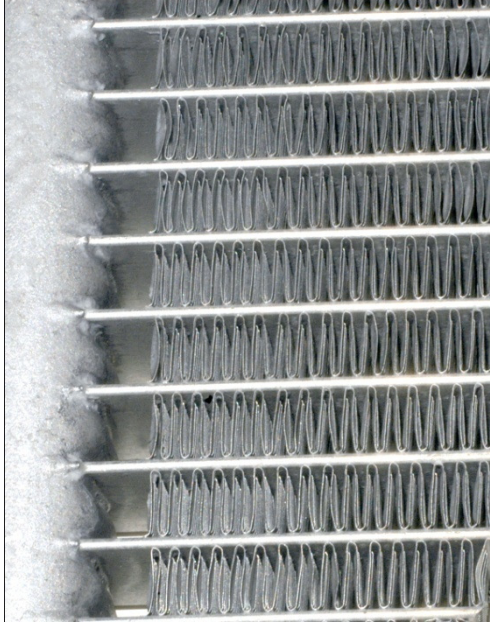
A RATA member Contribution .

Earlier around 1980's, it was popular to manufacture condensing coils from aluminum. It was inexpensive and had good heat transfer properties. However, homeowners soon discovered that this was false economy. Aluminum coils simply cost more to maintain. Copper is now the material of choice for condenser coils. Reasons include superior strength, reliability, ease-of-maintenance and better heat transfer characteristics. Surprisingly, some manufacturers still continue to use PFC Condensers in Split Air Conditioners, in spite of what was learned from the experiences and disadvantages.

Listed below are some of the advantages & disadvantages of PFC Condensers just for the awareness amongst all -

- Problem with PFC condensers is been indicated as they show excellent results during lab tests but few months later after normal usage- the energy efficiency drops substantially.
- Heat transfer value of Aluminum is higher than copper, so the efficiency of aluminum is found to be higher for which it's easy to get high star ratings.
- In the PFC Condensers, because of the existence of micro channels, the assembly of the units should be done in dust free and air-conditioned environments and similarly, the installation should also be done in dust free environments by highly technical people so that dust does not enter the system. But both these factors -dust free environment and highly skilled people are absent in general Indian conditions which results in the blockage of micro channels and if in case both the mentioned things are not served, the micro channel will be blocked and thus the ratio of power consumption will be high which again highlights the star rating given to the units.
- Nowadays because of the corrugated design of fins, dust easily settles on the fins and needs high pressure jet cleaning and keeping jet cleaners for split air conditioners is neither practical nor possible since the installation area varies in case of Split air conditioners. Due to this, the PFC condensers needs frequent services or needs to be replaced which results in dropping down the ratio of efficiency.
- The life of Copper coil is comparatively higher whereas the durability and life of Aluminum coils is much lesser than copper, it gets more lifeless due to Indian environmental conditions which is humid, dust prone and more of it , the cities/areas in India are in coastal regions and thus the efficiency drops drastically with increase in power consumption.
- Because of the low longevity of aluminum using units - the replacement market is booming and even small manufacturers of coils are making a lot of money because of high rate of failure in aluminum using machines which is a money pack to the supplier but the consumer is the end sufferer.
- Due to high level leakages in Aluminum Condensers, the R22 gas once again damages the ozone layer which is again not a good sign when we are in terms of talking about protecting the environment.





Recommended Holidays during the year 2014

| Sl. No. | OCCASION | DATE | DAY OF WEEK |
|----------------|----------------------------|-------------|--------------------|
| 1. | Holi | March 17 | Monday |
| 2. | Ram Navami | April 8 | Tuesday |
| 3. | Idu'l Fitr | July 29 | Tuesday |
| 4. | Independence Day | August 15 | Friday |
| 5. | Janmashtami | August 18 | Monday |
| 6. | Mahatama Gandhi's Birthday | October 2 | Thursday |
| 7. | Dusshera | October 3 | Friday |
| 8. | Diwali | October 23 | Thursday |
| 9. | Guru Nanak's Birthday | November 6 | Thursday |
| 10. | Christmas Day | December 25 | Thursday |