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Rata - Newsletter

15th April 2018 | **Issue 52**

(For Private Circulation Only)

38 Member delegation from RATA visit Beijing - April 2018

中国制冷展 2018 | **CRH 2018** | 制冷·空调·暖通
CHINA REFRIGERATION | **CRH 2018** | **HVAC&R**

2018年4月9日-11日 北京·中国国际展览中心 [新馆]

APRIL 9-11, 2018 New China International Exhibition Center, Beijing

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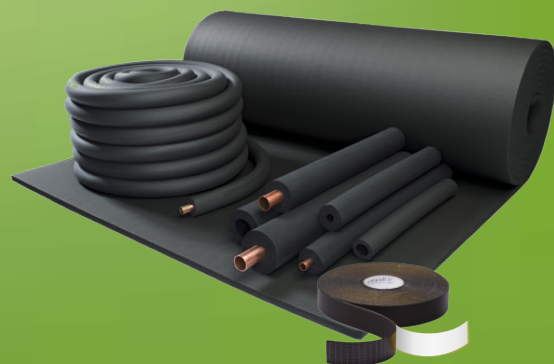


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Contents

Overview Of RATA

The Refrigeration & Air-Conditioning Trades Association Ltd. (RATA) is one of the oldest association working for the development of Air-Conditioning & Refrigeration industry in India. Established in the year 1949, the association brings together people from the entire industry and gives them a central forum to help them accomplish their common goal of making progress and achieving success.

To bring this vision to reality, RATA with its base of ethics and a strong code of conduct, actively and responsibly helps its members to grow and has also encouraged new entries for the expansion and betterment of the industry.

RATA believes in providing a platform to its members to showcase their offerings which in turn will promote internal as well as external trade. In this constantly evolving industry and changing market trends, the association contributes towards the promotion and an overall development of its members and the industry by encompassing companies and traders to organize promotional, educative and informative events.

Details of Committee Members of Year 2017-2020

Name Of Member	Name Of Company	Post
Mr. Ajit Panicker	NOVA HVAC SYSTEMS (INDIA) PVT LTD.	Hon. President
Mr. Mihir Sanghavi	Auro Engineering Company	Hon. Secretary
Mr. Jasprit Singh	H. J. International	Hon. Jt. Secretary
Mr. Akash Varma	Ishwar Trading	Hon. Treasurer
Mr. Parasmal Sirohia	Cruise Appliances (I) Pvt Ltd	Immediate Past President
Mr. Pankaj Choria	Boulton Trading Corporation	Committee Member
Mr. Hitendra Morakia	Industrial Metals	Committee Member
Mr. Pritesh Shah	Filko Engineering Co	Committee Member
Mr. Harshal Padia	T J Controls	Committee Member
Mr. Nasir Khan	Airofrost HVAC Systems Pvt Ltd	Committee Member
Mrs Subha Prasannan	Anshutech Airconditioning Pvt Ltd	Committee Member
Mr Rajendra Joshi	Arkk Consulting	Committee Member
Mr Amod Dikshit	Dikshit Consultants & Engineers Pvt Ltd	Committee Member
Mr. Jasprit Singh Saini	Dasmesh Airconditioning Engineers Pvt. Ltd.	Action Committee
Mr Bhavesh Mehta	Mr Bhavesh Mehta	Action Committee
Mr Harshal Ganjawalla	Ganjawala Fabripro Pvt Ltd	Action Committee
Mr Parth Thakkar	Polfrost Air-Con Pvt Ltd	Action Committee
Mr Shawn Rebello	Aircare Technologies India Pvt Ltd	Action Committee

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Advertise in RATA Newsletter

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Administrative Support : Ms Rinal Vira, info@rataindia.com

Circulation: Monthly to every member randomly every quarter to non members reaching over 5000+ small and medium enterprises in the field of airconditioning and refrigeration.

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China Refrigeration 2018

The 29th China International Exhibition for refrigeration Air conditioning, heating and Ventilation Frozen food processing, Packaging and Storage show was attended by RATA with its 36 delegates at Beijing China from 9th April till 11th April with our travel partner Morethan Travels.



Convener
Mr. Pankaj Choraria

The CAR show with 900 Plus exhibitors and was spread over 8 halls with 1 hall for machinery and two for the large HVAC manufacturers and a large number of Exhibitors for Heat pump and solar technologies with many takers of Green refrigerants, the show witnessed 21 seminars and 47 workshops and technical seminars spread over 3 days at the 6 large size conference rooms dedicated to the same most of the topics were on Green Refrigerants and Energy conservation and many of the workshops were held at the booth of the exhibitors with live demo for all kind of newly introduced products.

The CAR opening night was attended by more than 35 air conditioning and refrigeration associations of the world like IIR, EPEE, ASERCOM, CRAA, AHRI, EIA, AFF ASHRAE, iSKiD, Japan Society of Rand AC engineers, SAREK, VDKF, Hong Kong Association, HKAEE, CCPIT and RATA



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Safe Capacitors S3 type as per IEC 60252

Contributed by Mr. Parag Jhaveri, Parag Worldwide

Capacitor is an essential part of any air conditioner, refrigerator, deep freezer etc. It's a very small component but without it a compressor cannot start and run either.

A capacitor is made up of an electrode (conductor) and a dielectric (insulator). Modern day capacitors are made up of polypropylene film (dielectric) and metal vapour sprayed over it (electrode). It is also known as metallised polypropylene capacitor or a MPP capacitor. These type of capacitors have self-healing property as a feature. This means that during a high voltage cycle or due to any spike etc. a puncture in the polypropylene (PP) film occurs but the capacitor heals on its own with some loss in its value after every self-healing (puncture).

In modern day times with increasing use of thyristorised drives in day to day lives, the electric supply that we are receiving from electricity board is increasingly having heavy harmonics leading to catastrophic failure of active components (such as capacitors) in the short circuit mode leading to fire hazard.

About metallised polypropylene capacitors, the technology has improved drastically thus leading to reliable capacitors. But still these capacitors have catastrophic failure leading to melting of dielectric & thus causing a fire hazard. If the capacitors are used in say domestic air conditioners then a failure of capacitor in short circuit mode can easily lead to a fire hazard.

In order to safeguard from such run away conditions in the application of the capacitors, Safe capacitors were created by using Fire Resistant Canisters (S1), Mechanized design of safe capacitors (S2), These type of capacitors use costly raw material and are not cost effective in giving protection to the application. Also these designs are not 100% safe.

New design (latest technology) capacitors use Pattern metallised Film where miniature fuses are incorporated during the metallisation process. This pattern metallised film is used in manufacture of capacitors leading to failure in open circuit only. This technology is such that one does not have to use costly raw material of S1 & S2 type capacitors & also this technology is more guaranteed to be safe than other designs.



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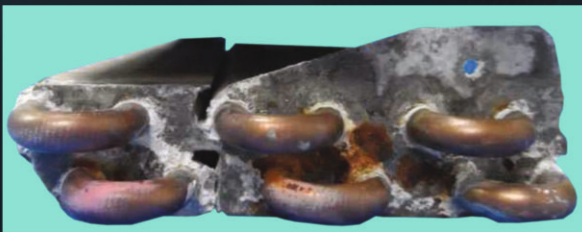
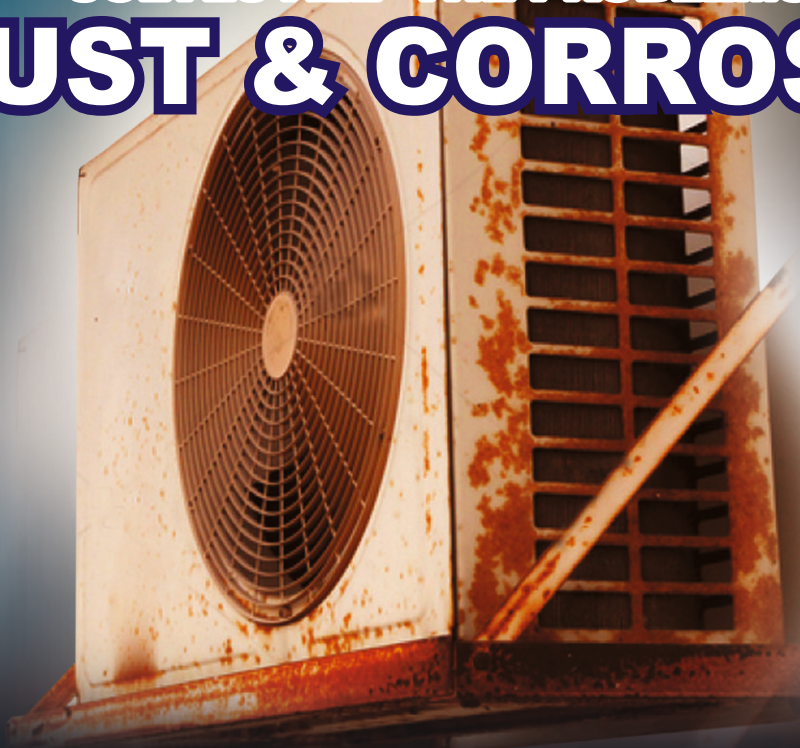
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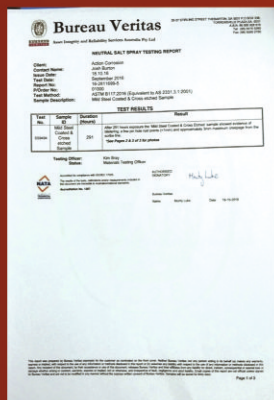


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Ahmedabad's 1st Chai pe Charcha

3rd March, 2018

On 7th March 2018 Rata Ahmedabad team held its 1st Chai Pe Charcha at Thandak Projects, FF-7, Suvidha Shopping Centre, Paldi, Ahmedabad same was attended by 25 Members of the trade from Ahmedabad. Master Speaker Tarang Shah from TNS Global gave a detailed explanation on MSME Registration and its importance he also gave insights of GST with reference to HVAC contracts the event was well received with the members who attended the same.



RATA
The Refrigeration & Air Conditioning Trades Association Ltd.
Redefining the Dynamics of Trade

REFRIGERATION AIRCONDITIONING INTERACTIVE NETWORKING

Why you should Join RAIN

- Get to know the new trends in the market
- Know about the new products and new brands
- Meet new buyers
- Meet new suppliers
- Get an opportunity to get new dealerships
- Get to showcase your strengths

Who should JOIN

- | | |
|----------------|--------------------|
| • Manufacturer | • Dealer |
| • Wholesaler | • Service Provider |
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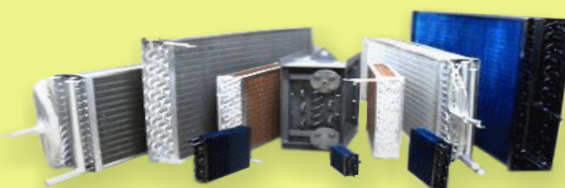
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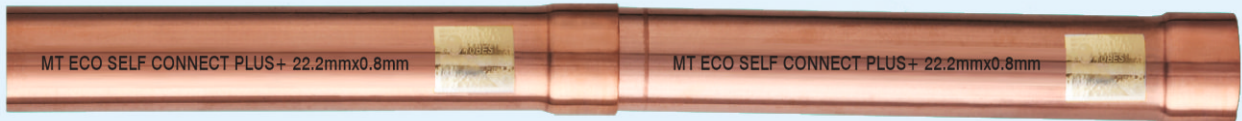


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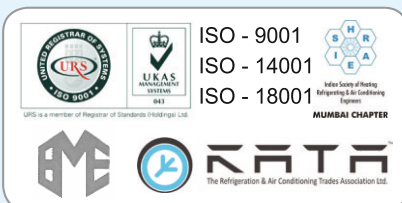
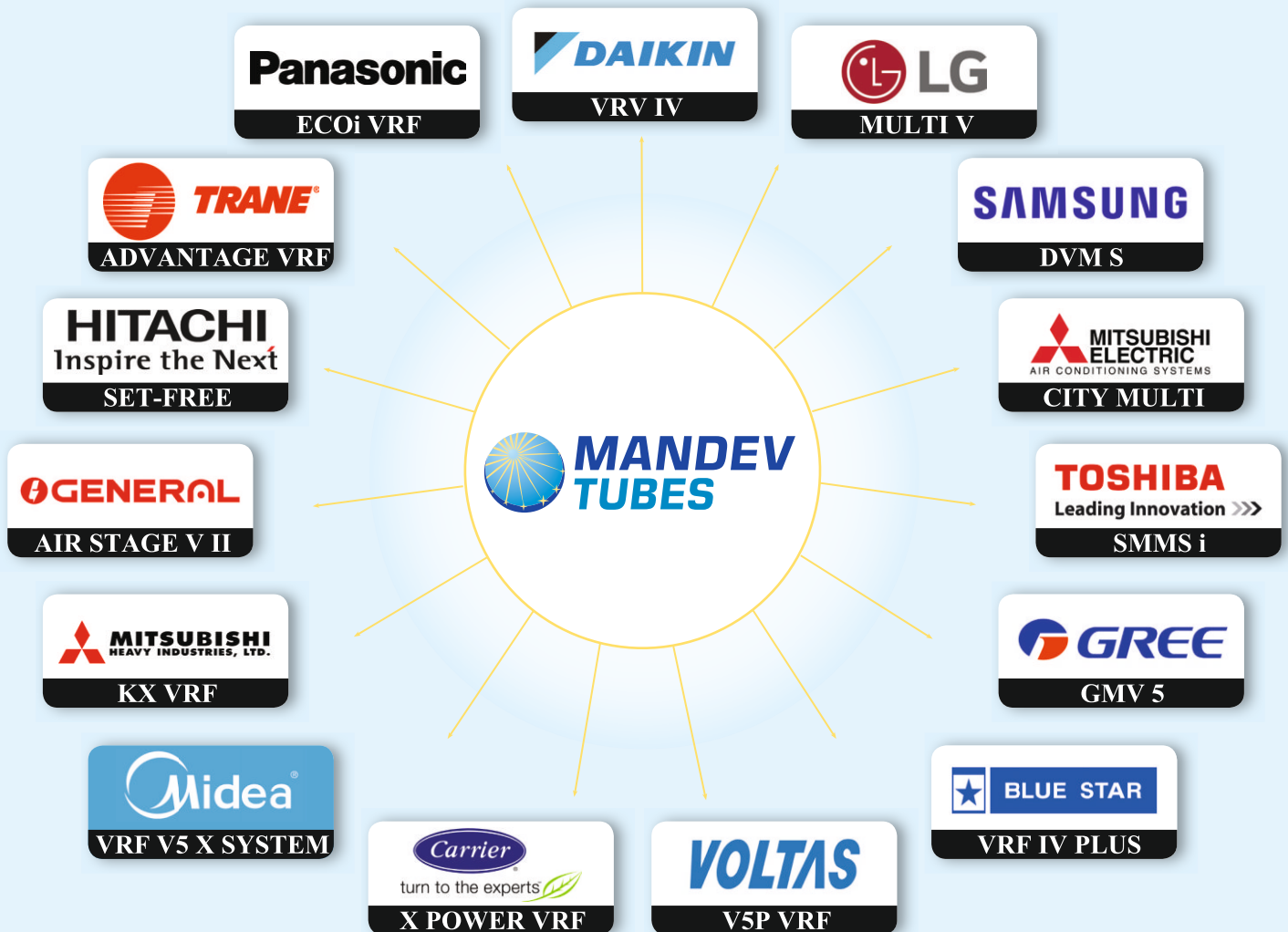


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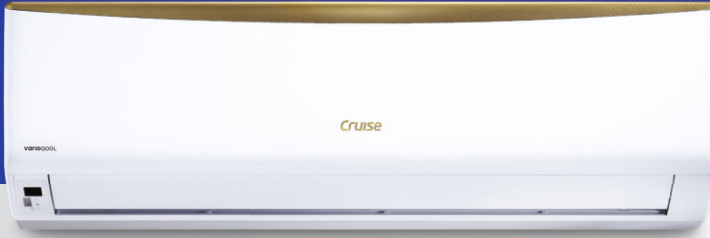
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