

Talk on “Advanced Air Purification System Which Utilizes Hydroxyl Radicals (OH⁻) to Achieve Superior IAQ”

Presented by Panasonic Air-Conditioning Malaysia (PACMY)

In conjunction with the 50th Annual General Meeting of the IEM (Southern Branch)

Date : Saturday, 25 March 2023
Venue : Holiday Villa Johor Bahru
Speaker : Mr. Wang Hong Boon, Panasonic Air-Conditioning Malaysia

Synopsis

In this seminar, Panasonic Air Conditioning Malaysia will be sharing its latest innovations for improvement on air quality and to solve various IAQ problems. The main focus of this seminar is Panasonic Advanced Air Purification system which utilizes Hydroxyl Radicals (OH⁻) to achieve superior IAQ. OH⁻ can be found in nature and is known in the scientific community to have the properties to tackle various contaminants. However, due to its small quantity and short lifespan in nature, its potential as an air purifier cannot be realised. With the advancement of Nano-Technology, Panasonic is now able to generate these Nano-sized OH⁻ radicals conveniently and in abundance in our rooms. Moreover, the lifespan of these radicals can now be extended to produce tangible effects. Based on the effects of these radicals, Panasonic is able to provide IAQ solutions for various challenges at residential, commercial and industrial applications.

Panasonic also provides complete IAQ solutions for the purification of supply air, circulated air and exhaust air. Panasonic is able to offer optimum combinations of air-conditioning, ventilation & air purification equipment, meeting various kinds of customer needs. With these unique combinations, Panasonic can provide solutions that can effectively:

- Manage temperature control to ensure an ideal temperature is maintained
- Improve air quality using Panasonic Hydroxyl radical-based Air Purification Technology

As of today, this air purification technology is incorporated in Panasonic Air-Conditioners and Air Purifiers – floor standing and portable & ceiling fans.

Time	Tentative Programme
8.30 am – 9.00 am	Registration
9.00 am – 9.15 am	Welcome Speech by IEM (SB) Organising Committee
9.15 am – 9.25 am	Introduction by Panasonic Air-Conditioning Malaysia
9.25 am – 10.45 am	Talk on “Advanced Air Purification System Which Utilizes Hydroxyl Radicals (OH ⁻) to Achieve Superior IAQ”
10.45am – 11.00am	Questions and Answers Session
11.00 am	End of Talk & Refreshment (<i>The 50th AGM of IEM Southern Branch will commence after the presentation</i>)

About the Speaker:



Mr. WANG HONG BOON is a Manager- (Key Accounts & Consultants) at Panasonic Air-Conditioning Malaysia. He is based in Petaling Jaya and is responsible for the promotion of Panasonic solutions among Developers & Consultants in Malaysia. He has 22 years working experience, all of which in HVAC&R. He started as a Service Engineer in Carrier Malaysia in 2001, then moved to Mitsubishi Electric as Project Engineer in 2005, followed by becoming a Cold-room Manager in Carrier Malaysia in 2013 before joining Panasonic Malaysia as a Manager in 2014 till now. He graduated from Universiti Sains Malaysia in 2001 & holds a B Eng (Hon) Mechanical Degree from Universiti Sains Malaysia (USM).

Participant Fees:

	Online	Normal
IEM Member	RM 50.00	RM70.00
Non-Member	RM120.00	RM150.00

Closing Date: 17 March 2023

Kindly return the reply slip to the IEM (SB) office before **17 March 2023** together with a non-refundable cheque for the participant fees made payable to ***The Institution of Engineers, Malaysia (Southern Branch)***. Alternatively, you could bank-in the participant fees into the Institution's Maybank Current Account (No. 5-013920-15708), and to facsimile both the Bank-in and Reply Slips to the Institution. The Institution requests all members co-operation in ensuring fees are paid in advance to the seminar. Please also be reminded that fees will not be refunded to absent participants who have paid, and to also note that all reservations must be paid despite participant cancellations. Thank you for your continuous support of the Institution.

Chairman, Sub-Committee on Seminar and Technical Talk, IEM (SB)



REPLY SLIP

To: Hon. Secretary, The Institution of Engineers, Malaysia (Southern Branch) **Fax: 07 – 336 3406**

Talk on “Advanced Air Purification System Which Utilizes Hydroxyl Radicals (OH⁻) to Achieve Superior IAQ”

Saturday, 25 March 2023, 9.00 a.m.
at Holiday Villa Johor Bahru

I wish to attend the above talk. I enclosed herewith a cheque no. for the amount of RM.....as payment for the participant fee.

Name of Member: Membership No: I/C No:
Address: Tel(O):(Fax).....
..... Tel (H/P):
..... E-mail:

Company's Name:

Signature: Date:

Note : Kindly **email to iemSouthern@gmail.com the Reply Slip together with the payment slip** for confirmation.
: Attendance by representative will not be issued with the Certificate of Attendance.

PERSONAL DATA PROTECTION ACT

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data