

Half Day Talk on “Variable Refrigerant Flow (VRF) and Commercial Building Solution with Chiller System”

(Co-organised with Midea Scott & English Electronics Sdn. Bhd.)

Date : Wednesday, 18 October 2023
Time : 9.00 a.m. – 1.00 p.m.
Venue : Holiday Villa Johor Bahru
Speaker : Mr. Adam Yu, Midea Scott & English Electronics Sdn. Bhd.

Synopsis

1. Variable Refrigerant Flow (VRF)

As technology is evolving and requirements are changing. In the Variable Refrigerant Flow (VRF) sector, different people have new definitions and requirements for space and air. Architectural spaces are quietly changing and this impose new challenges to cooling down space. In the modern era of rapid development, we have to face diverse architectural design and requirements. What can a VRF do to meet the requirements of a constantly changing design scheme? This technical session aims to help participants gain a deeper understanding of space, air changes, and where VRF technology can evolve to respond to the ever-changing demands of design.

2. Chiller Renewal Program

- Necessity to do the chiller renewal program;
- Assessment and Budgeting: To determine its condition, efficiency and performance. This will help identify any issues or areas that needs improvement. This will help ensure that the project is financially feasible and that funds are available.
- Installation: This may also involve retrofitting the existing system to improve its efficiency.
- Maintenance: Ongoing maintenance will be required to ensure that the chiller system continues to operate efficiently and effectively. This may involve regular inspections, cleaning, and repairs as needed.

3. Air Cooled Chiller Coil Replacement

- Air Cooled Chiller Coil Importance Introduction;
- Necessity to replace the air-cooled chiller coil;
- How to implement to replace the air-cooled chiller fin coil;
- ROI and the new performance after replacing coil.

Time	Tentative Programme
8.30 a.m. – 9.00 a.m.	Registration
9.00 a.m. – 9.10 a.m.	Welcome Speech by IEM (SB) Organising Committee
9.10 a.m. – 10.30 a.m.	Session 1: Variable Refrigerant Flow (VRF) & Architectural Design
10.30 a.m. – 10.45 a.m.	Coffee Break
10.45 a.m. – 12.30 p.m.	Session 2: • Chiller Intelligent Control System Technology • Air Cooled Chiller Coil Replacement
12.30 p.m. – 1.00 p.m.	- Case study and Discussion - Question & Answer Session
1.00 p.m.	Closing & End of Talk

About the Speaker:



Mr. Adam Yu received his Master’s degrees in Engineering Management in 2019 from Northumbria University (UK). In addition to that, Mr. Adam possesses the “Green Mark Accredited Professional Cert” in Singapore. Adam Yu has been the regional sales director for large tonnage chiller in the Midea Building Technology Division. With more than 19 years’ experience with HVAC sales, service and application, Adam focusses on larger tonnage chiller plant energy saving application, HVAC consultation, marketing promotion, key markets/customer development, premium service and technician professional ability promotion. Prior to joining Midea, Adam was a Senior Consultant in Trane Singapore. Having joined Trane in 2013, Adam Yu jumped the ranks as a service manager, consultant, senior consultant all with the vision of promoting HVAC system optimization, CP energy auditing and service enhancement and technical support.

Before Trane Singapore, Adam worked with Daikin (McQuay) China on 2009 as an oversea marketing supervisor, with responsibility for Southeast Asia marketing promotion, project management and chiller’s sales technical support. Furthermore, Adam also helps the clients to design and promote BMS solutions.

Mr. Dylan Lee received his Bachelor in Engineering from Wuhan University of Technology in 2013. Mr. Dylan Lee is currently the South East Asia Chief Technical Support Engineer for Midea Group. Previously, he was managing the global customer services under the same organization. He has 10 years of experience in HVAC industry including maintenance and troubleshoot for VRF system, intelligent architects for VRF. His technical experience in VRF enable him to conduct training under Midea Group for Midea global clients.



Participant Fees:

Grade	Online
IEM Members	RM 90.00
IEM Student Members	RM 25.00
Non-IEM Student Members	RM 50.00
Non-IEM Member	RM 150.00

Closing Date: 13 October 2023

Registration will be on a first-come-first-serve basis. Kindly return the reply slip to the IEM (SB) office before **13 October 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 cooperation 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)

BEM Approved
CPD/PDP Hours: 4.0
Ref No: IEM23/SB/400/T

REPLY SLIP

To: Hon. Secretary, The Institution of Engineers, Malaysia (Southern Branch) **Fax: 07 – 3363406**
Half Day Talk on “Variable Refrigerant Flow (VRF) and Commercial Building Solution with Chiller System”

Wednesday, 18 October 2023, 9.00 a.m. – 1.00 p.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