



CITY MULTI

2018 Product Training

# Course 1: City Multi VRF

## DESIGN

This course is designed for consulting engineers, specifiers, installation contracting engineers, and sales engineers who require detailed knowledge of the specifications and the applications of Mitsubishi Electric City Multi VRF product range.



### Course Outline

- » Features and benefits of the VRF system
- » Introduction to the City Multi product range
- » Application of VRF products to different designs and layouts
- » Detailed description of the heat recovery system operation, including refrigerant flow diagrams
- » A brief overview of the Mitsubishi Electric air conditioning control system
- » Introduction to the Lossnay heat recovery fresh air ventilation system
- » Introduction into Mitsubishi Electric Design Tool software
- » Conclusion: Short test on the subjects covered

### 2018 Course Dates

February 14 <sup>th</sup>	May 16 <sup>th</sup>	August 15 <sup>th</sup>	November 21 <sup>st</sup>
March 14 <sup>th</sup>	June 13 <sup>th</sup>	September 19 <sup>th</sup>	December 12 <sup>th</sup>
April 18 <sup>th</sup>	July 18 <sup>th</sup>	October 17 <sup>th</sup>	

**Booking Deadlines:** 5 working days prior to course commencement.

# Course 2: City Multi VRF

## INSTALLATION AND COMMISSIONING

This course is designed for field based engineers or technicians who have a good basic knowledge of refrigeration principles as applied to air conditioning systems and have a requirement to learn Mitsubishi Electric techniques and procedures which are applicable in the field when installing and commissioning a VRF system.



### Course Outline

- » Introduction to VRF Technology
- » Detailed description of the heat recovery system operation, including refrigerant flow diagrams
- » Pipework, wiring specifications and installation procedures
- » Basic commissioning, including system addressing, remote controller set up and refrigerant calculations
- » System start up procedure and operation monitoring
- » Basic system fault finding
- » Conclusion: Review and short test on the topics covered

### 2018 Course Dates

February 15 <sup>th</sup>	May 17 <sup>th</sup>	August 16 <sup>th</sup>	November 22 <sup>nd</sup>
March 15 <sup>th</sup>	June 14 <sup>th</sup>	September 20 <sup>th</sup>	December 13 <sup>th</sup>
April 19 <sup>th</sup>	July 19 <sup>th</sup>	October 18 <sup>th</sup>	

**Booking Deadline:** 5 working days prior to course commencement.

# Course 3: City Multi VRF

## SERVICE

This course is designed for field based engineers or technicians who have experience with Mitsubishi Electric City Multi VRF systems and have a requirement to carry out detailed service and fault diagnostic procedures.



### Course Outline

- » Pipework and wiring specifications
- » Detailed description of the heat recovery system operation, including refrigerant flow diagrams
- » Detailed system fault finding using the operational City Multi system in the training room, with references to the service handbook and the use of the maintenance tool
- » Conclusion: Short test on the topics covered

### 2018 Course Dates

February 16 <sup>th</sup>	May 18 <sup>th</sup>	August 17 <sup>th</sup>	November 23 <sup>rd</sup>
March 16 <sup>th</sup>	June 15 <sup>th</sup>	September 21 <sup>st</sup>	December 14 <sup>th</sup>
April 20 <sup>th</sup>	July 20 <sup>th</sup>	October 19 <sup>th</sup>	

**Booking Deadline:** 5 working days prior to course commencement.

# Course Venue

All courses are conducted at Mitsubishi Electric Head Office training facility  
Located at: 348 Victoria Road Rydalmere NSW 2116.  
All courses commence at 8:45am and conclude at 4:30pm.

If participants are flying in on the morning of the course, please ensure that you allow at least 1 hour to arrive from the airport to our offices at Rydalmere.

All participants will be provided with lunch, presentations, notepads, pens and where required.

Please note: These courses are provided at no charge by Mitsubishi Electric.

# Travel & Accommodation

Preferably travel and accommodation should be booked by yourself. Below is a list of recommended hotels close to our office in Parramatta.

Rydges Hotel 116-118 James Ruse Drive, Rosehill PH (02) 8863 7600  
Carlton Hotel 350 Church Street, Parramatta PH (02) 9630 4999

Mitsubishi Electric will not be held liable for any travel costs or cancellation charges if any attendees are unable to present on the course date they have selected; furthermore Mitsubishi Electric will not be held liable for any costs incurred for a course being cancelled. Mitsubishi Electric will confirm whether or not a course is proceeding 5 days prior to the course commencement date.

# Registration

To book, simply complete the registration form on:  
<http://www.mitsubishielectric.com.au/City-Multi-VRF-training-programs.html>