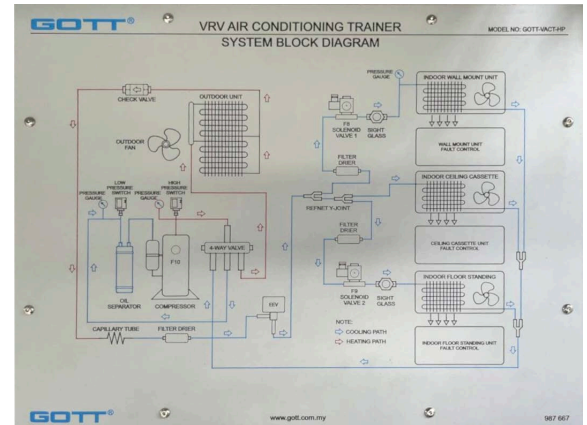


# VRV AIR CONDITIONING TRAINER

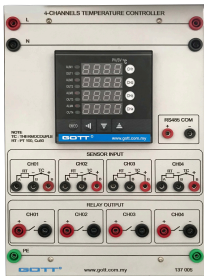
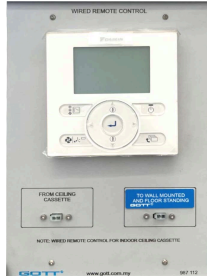





Model Number : GOTT-VACT-MD



## DESCRIPTION

GOTT-VACT-MD are designed to demonstrate the operation and the performance of Variable Refrigerant Volume (VRV) type air conditioning. Students are able to learn and follow the refrigeration cycle, explore the design and function of all the major components and controls, review installation, procedures, perform servicing and troubleshooting exercises. GOTT-VACT-MD is a fully functional and operational unit that contains all the basic components as found on VRV. All modules are clearly labeled for its name for better identification and to easy students in learning.

## PRODUCT MODULES

4-CHANNEL TEMPERATURE CONTROLLER	CODE 137-005	WIRED REMOTE CONTROL	CODE 987-112	SINGLE PHASE POWER CONTROL	CODE 577-102	AC VOLT AND CURRENT METER	CODE 577-103
<p><b>CH01:</b> Thermocouple from "Ceiling Cassette Unit"</p> <p><b>CH02:</b> Thermocouple from "Outdoor Unit"</p> <p><b>CH03:</b> Thermocouple from "Floor Standing"</p> <p><b>CH04:</b> Thermocouple from "Wall Mounted Unit"</p> 		<p>Used for control "Indoor Ceiling Cassette".</p> 		<p>AC Voltmeter: 0~500 AC 220V~240V output voltage.</p> 		<p>AC Voltmeter: 0~500 AC Ammeter: 0~30</p> 	
OUTDOOR UNIT CONTROL	CODE 987-663	EMERGENCY SWITCH	CODE 776-007	INDOOR UNIT CONTROL (FLOOR STANDING UNIT)	CODE 987-662	INDOOR UNIT CONTROL (WALL MOUNTED UNIT)	CODE 987-662
<p>AC 220V~240V output voltage.</p> 		<p>Rated voltage: 240VAC Press to disconnect, turn right to release.</p> 		<p>AC 240V output voltage. Indoor unit control for "Floor Standing Unit".</p> 		<p>AC 240V output voltage. Indoor unit control for "Wall Mounted Unit".</p> 	

# VRV AIR CONDITIONING TRAINER

Model Number : GOTT-VACT-MD

## PRODUCT MODULES

INDOOR UNIT CONTROL (CEILING CASSETTE UNIT)	CODE 987-662	FAULT SIMULATION BOARD (VRV AIR CONDITIONING TRAINER)	CODE 987-861	WATT METER	CODE 987-104	SIGHT GLASS	CODE 577-119
<p>AC 220V~240V output voltage. Indoor unit control for "Ceiling Cassette Unit".</p> 		<p>F1: Floor Standing Unit F2: Wall Mounted Unit F3: Ceiling Cassette Unit F4: Outdoor Unit F5: Condenser Valve 1 F6: Condenser Valve 2</p> 		<p>Watt meter input terminals: VIN, VL, VN and VN. AC input: 85VAC~260VAC Display Range: -1999W~9999kW</p> 		<p>QTY: 2pcs</p> 	
<p><b>FAULT SIMULATION CONDENSER VALVE (CONDENSOR VALVE 1 CEILING CASSETTE)</b></p> <p>Solenoid Input Voltage: AC220V~240V</p> 	<p>CODE 577-650</p>	<p><b>FILTER DRYER</b></p> <p>QTY: 2pcs</p> 	<p>CODE 577-006</p>	<p><b>HIGH PRESSURE SWITCH</b></p> 	<p>CODE 577-654</p>	<p><b>HOT GAS GAUGE METER</b></p> 	<p>CODE 577-108</p>
<p><b>FAULT SIMULATION CONDENSER VALVE (CONDENSOR VALVE 2 WALL MOUNTED)</b></p> <p>Solenoid Input Voltage: AC220V~240V</p> 	<p>CODE 577-650</p>	<p><b>SUCTION GAUGE METER</b></p> 	<p>CODE 577-110</p>	<p><b>LOW PRESSURE GAUGE</b></p> 	<p>CODE 577-109</p>	<p><b>LOW PRESSURE SWITCH</b></p> 	<p>CODE 577-655</p>

# VRV AIR CONDITIONING TRAINER

Model Number : GOTT-VACT-MD

## PRODUCT MODULES

INDOOR UNIT - WALL MOUNT		INDOOR UNIT - FLOOR STANDING		INDOOR UNIT - CEILING CASSETTE	
					
OUTDOOR UNIT - CONDENSER	U-LINK	CODE 159-019	SAFETY CONNECTING LEAD	CODE 237-001	EXPERIMENT MANUAL
	For connecting junction point 		4mm connecting leads 		
					CODE 987-661

## EXPERIMENT TOPICS

- Electrical Circuit Connection
- Familiarization With Variable Refrigerant Volume (Vrv) Air Conditioning Components
- Plotting Refrigeration Cycle Into Pressure-Enthalpy (P-H) Diagram
- Troubleshooting Of Indoor Wall Mount Unit Power Circuit
- Troubleshooting Of Indoor Floor Standing Unit Power Circuit
- Troubleshooting Of Indoor Ceiling Cassette Unit Power Circuit
- Troubleshooting Of Solenoid Valve 1
- Troubleshooting Of Solenoid Valve 2
- Troubleshooting Of Compressor
- Effect Of Varying Load
- Refrigerant Capacity, Coefficient of Performance and Compression Ratio

### Manuals:

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

### General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

### Warranty:

2 Years

## ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
VRV AIR CONDITIONING TRAINER	GOTT-VACT-MD	987-661

\* Proposed design only, subject to changes without any notice.