

VRV AIR CONDITIONING TRAINER












Model Number : GOTT-VACT-3



DESCRIPTION

GOTT-VACT-3 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-3 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 ease students in learning

PRODUCT MODULES

AC OUTPUT SOCKET	CODE 577-101	SINGLE PHASE POWER CONTROL	CODE 577-102	AC VOLTMETER & AMMETER	CODE 577-103	WATTMETER	CODE 456-011
3 PIN SOCKET - 15 AMP		FCCB 2 Pole AC Voltmeter (0-500v)		Measurement Mode: AC Voltage Ranges: 5V, 50V, 250V, 1000V Measurement Mode: AC Current Ranges: 1A, 5A, 25A		Range: 0~500 W Accuracy: Class 1.5 Protection Fuse 1A	
TEMPERATURE METER AC INPUT VOLTAGE 1	CODE 577-105	TEMPERATURE METER 1 COMPRESSOR OUTPUT VOLTAGE	CODE 577-106	SINGLE PHASE POWER SUPPLY	CODE 577-107	LIQUID TEMPERATURE METER	CODE 577-114
Digital Temperature Meter With Sensor: SF100P		Digital Temperature Meter With Sensor: SF100P		POWER SUPPLY 12VDC		Digital Temperature Meter With Sensor: SF100P	
SUCTION TEMPERATURE METER	CODE 577-118	HOT GAS TEMPERATURE METER	CODE 577-115	SUCTION GAUGE METER	CODE 577-110	SUCTION GAUGE METER LOW SIDE	CODE 577-112
Digital Temperature Meter With Sensor: SF100P		Digital Temperature Meter With Sensor: SF100P		R410A Range: 30 : 0 : 520 psi Type: Compound Pressure Range: -100 : 3600 kPa		R410A Range: 30 : 0 : 520 psi Type: Compound Pressure Range: -100 : 3600 kPa	

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HOT GAS GAUGE METER	CODE 577-108	SOLENOID VALVE	CODE 577-116	HIGH/LOW PRESSURE SWITCH	CODE 577-121	CONDENSER (OUTDOOR UNIT)	CODE 577-116
R410A Range: 30 : 0 : 520 psi Type: Compound Pressure Range: -100 : 3600 kPa		1/4" Solenoid Valve With Code 1020-246		Pressure range (Mpa) -low side: -0.06 (min) , 0.6 (max) -high side : 0.8(min), 3 (max)		Power Supply: 1 phase, 220-230 V/220 V, 50/60 Hz Capacity range: 4HP (11.2kW) Capacity index: 100	
SAFETY U-LINK	CODE 446-000	SAFETY CONNECTING LEAD	CODE 237-001	VERTICAL FRAME	CODE 297-000	EXPERIMENT MANUAL	CODE 588-032
A unit which is wed to link the unit together		4mm connecting leads		High Level: Din Standard A4 with two shelves Material: Aluminium Side Frame: T shape Size: 3-Layer 1450mm Length			
		U-LINK	CODE 159-019				
		A unit which is wed to link the unit together					

EXPERIMENT TOPICS :

- Troubleshooting Of Indoor Wall Mount Unit Power Circuit
- Troubleshooting Of Indoor Wall Mount Unit Blower Fan
- Troubleshooting Of Indoor Wall Mount Unit Remote Control Sensor
- Troubleshooting Of Indoor Ceiling Cassette Unit Power Circuit
- Troubleshooting Of Indoor Ceiling Cassette Unit Blower Fan
- Troubleshooting Of Indoor Ceiling Cassette Unit Remote Control Sensor
- Troubleshooting Of Indoor Wall Mount Unit Sight Glass Valve
- Troubleshooting Of Indoor Ceiling Cassette Unit Sight Glass Valve
- Troubleshooting Of Compressor

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-3	987-667

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