

CENTRAL AIR CONDITIONING SYSTEM TRAINER

Model Number : GOTT-CACST-2

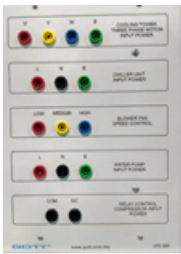

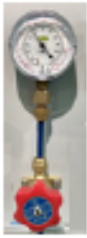






DESCRIPTION

Central air conditioner unit is an energy moving or converted machines that are designed to cool or heat the entire house. It does not create heat or cool. It just removes heat from one area, where it is undesirable, to an area where it is less significant. Central air conditions have a centralize duct system. The duct system (air distribution system) has an air handler, air supply system, air return duct and the grilles and register that circulates warm air from a furnace or cooled air from central air conditioning units to our room. It returns that air back to the system and starts again.

*Proposed design only.

PRODUCT MODULES

TEMPERATURE CONTROLLER	CODE 975-001	INTERFACE BOARD	CODE 975-006	HIGH/LOW PRESSURE SWITCH	CODE 577-107	SOLID GAUGE METER	CODE 577-122
MCB 1 Pole 6A Pilot lamp DIA 20mm (yellow)		Terminal blocking 16 ponts		Pressure range (Mpa) -low side: -0.06 (min) , 0.6 (max) -high side : 0.8(min), 3 (max)		M2 Gauge Hand Valve 1/4"	
							
SUCTION GAUGE METER	CODE 577-110	SIGHT GLASS FOR LOW SIDE	CODE 588-010	LIQUID GAS GAUGE METER	CODE 577-109	HOT GAS GAUGE METER	CODE 577-108
M2 Gauge Hand Valve 1/4"		1/4" sight glass hub inductor		M2 Gauge Hand Valve 1/4"		M2 Gauge Hand Valve 1/4"	
							
SIGHT GLASS FOR HIGH SIDE	CODE 577-119	THREE PHASE FCCB	CODE 159-009	SINGLE PHASE POWER CONTROL	CODE 577-102	COOLING TOWER MOTOR CONTROL	CODE 975-002
1/4" sight glass hub inductor		FCCB 4 pole Fuse 32A Size = 10x38 3 Phaze Input		FCCB 2 Pole AC Voltmeter (0-500v)		MCB 3 Pole Pilot lamp DIA 20mm (yellow)	
							

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CHILLER UNIT CONTROL CODE 975-003 Pilot lamp DIA 20mm (yellow) MCB 1 Pole 	BLOWER FAN SPEED UNIT CODE 975-005 Pilot lamp DIA 20mm (yellow) MCB 1 Pole 	WATER PUMP CONTROL CODE 975-004 MCB 1 Pole Pilot lamp DIA 20mm (yellow) 	CONDENSER TEMPERATURE METER CODE 577-108 SF-100 Integrated digital temperature meter 
SUCTION TEMPERATURE METER CODE 588-010 SF-100 Integrated digital temperature meter 	HOT GAS TEMPERATURE METER CODE 577-109 SF-100 Integrated digital temperature meter 	WATER COOLING PACKAGE UNIT CODE 588-003 Power: 220 - 240 VAC / 1PH / 50Hz HP: 3HP BTU: 28 000 	COOLING TOWER CODE 588-004 Capacity: 5 ton Type: round 

EXPERIMENT TOPICS

- Air Swing Function
- Intake Air Temperature Of Air Conditioner
- Varying The Evaporator Fan Speed
- Study The Effect of Ventilation System
- Refrigeration Cycle
- Pressure-Enthalpy Diagram
- Calculate Cooling System Performance

Manuals :

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

General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & 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
CENTRAL AIR CONDITIONING SYSTEM TRAINERS	GOTT-CACST-2	975-998

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