


- NOTES:**
- TIME DELAY GLASS FUSES ON THE PCB CONTROLLER ARE THE FOLLOWING:  
 - F1 PROTECTS THE THERMOSTAT CIRCUIT.  
 - F2 PROTECTS THE COMPRESSOR CONTACTOR CIRCUITS, OUTDOOR FAN HI/LO CONTACTOR CIRCUITS, REVERSING VALVE CIRCUITS AND THE "HEAT" OUTPUT.
  - TERMINALS: A, B, C AND D ARE 240V AC. TERMINALS: 1-9 ARE 24V AC. TERMINALS: 10-11 ARE 24V DC. TERMINALS: 12-14 ARE 10V DC.
  - HP AND LP SWITCHES ARE AUTO RESET. CAA CONTROLLER PROVIDES LOCKOUT FUNCTION.
  - THERMAL OVERLOAD RELAYS FOR COMPRESSORS & OUTDOOR FANS ARE AUTO RESET. FAULT RELAY FOR INDOOR FAN IS MANUAL RESET. CAA CONTROLLER PROVIDES LOCKOUT FUNCTION.
  - ALL FIELD WIRING IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR AND MUST COMPLY WITH AS/NZS 3000 AND LOCAL RULES.
  - SOFTWARE CODE MUST BE CHECKED AFTER REPLACEMENT OF THE CAA CONTROLLER BY CHECKING THE DISPLAY CODE ON THE LCD DISPLAY AFTER THE CONTROLLER IS ACTIVATED.
  - DO NOT CONNECT ANY ADDITIONAL EQUIPMENT TO THE CONTROL TRANSFORMER OTHER THAN THE EQUIPMENT SHOWN ON THE ELECTRICAL DRAWING.

<b>MODEL:</b> VPA055C3AC	
<b>REF</b>	<b>OPTIONS DESCRIPTION</b>
-----	OUTDOOR FANS USED ROSENBERG: AKSD 630-6-6 N.5KA A6.
-----	OUTDOOR FAN MOTORS USED DELTA CONNECTION
-----	INDOOR FAN USED ROSENBERG: GKHM 450-CIB.140.6IF IE GEN3.
-----	MAINS SWITCH 100A.
-----	COMPRESSOR USED DANFOSS HCG106T4LC8.

LEGEND				COLOUR CODE			
---	FIELD WIRING	COMP	COMPRESSOR	r	RED	o	ORANGE
---	CONTROL WIRING	CCH	CRANK CASE HEATER	w	WHITE	p	PINK
---	240V/415V WIRING	IF	INDOOR FAN	b	BLUE	bk	PURPLE
---	CONTROL PARAMETER	OF	OUTDOOR FAN	bk	BLACK	gy	YELLOW
---	SWITCHBOARD TERMINAL	O/L	THERMAL OVERLOAD	br	BROWN		
○	RV	HP	HIGH PRESSURE SWITCH	gy	GREY		
○	RV	LP	LOW PRESSURE SWITCH	gn	GREEN		

<b>COMPRESSOR</b>		<b>DRAWING No</b> EL0550013	
INPUT POWER kW	10.61	REV	0
RATED LOAD AMP	18.6	DATE	20.03.2023
OVERLOAD SETTING	19.5	DRAWN	P.V.
FANS (EACH)		APPROVED M.D.	
OUTDOOR	0.68 kW	 COMM AIR AUSTRALIA THE COOLING MANUFACTURERS ACN 140 272 171 68 COCOS DRIVE BIBRA LAKE WA 6163 (08) 9244 9288	
INDOOR	4.5 kW		
CONTROL	150VA	FLA	7.0