



- 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: 1-13 ARE 24V AC. TERMINALS: 14-15 ARE 24V DC. TERMINALS: 16-18 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.

MODEL: HPA055R3AD	
REF	OPTIONS DESCRIPTION
-----	OUTDOOR FANS USED ROSENBERG: AKFD 800-6-6K.6LA A6.
-----	OUTDOOR FAN MOTORS USED DELTA CONNECTION
-----	INDOOR FAN USED ROSENBERG: GKHM 630-CIB.200.6NA IE GEN3.
-----	MAINS SWITCH 100A.
-----	COMPRESSOR USED DANFOSS HCJ091T4LC8.

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	BLACK
---	CONTROL PARAMETER	OF	OUTDOOR FAN	br	BROWN	gy	GREY
---	SWITCHBOARD TERMINAL	O/L	THERMAL OVERLOAD	gn	GREEN		
○	RV	HP	HIGH PRESSURE SWITCH				
○	RV	LP	LOW PRESSURE SWITCH				

COMPRESSOR		DRAWING No EL0550015	
INPUT POWER kW	7.5	REV	0
RATED LOAD AMP	16	DATE	28.03.2023
OVERLOAD SETTING	16.5	DRAWN	P.V.
FANS (EACH)		APPROVED	
INDOOR	1.7	M.D.	
OUTDOOR	4.5		
CONTROL	150VA		
FLA	3.7		
FLA	6.9		
FLA	0.66		

