



WARNING! TURN OFF MAIN ISOLATOR BEFORE WORKING ON UNIT OR ELECTRICAL SWITCHBOARD

THE SOFTWARE OF THE CAA CONTROLLER IS NOT DESIGNED TO FUNCTION AS A PRIMARY PERSONAL SAFETY DEVICE, AS CONNECTED EQUIPMENT CAN START AUTOMATICALLY WITHOUT WARNING.

ALSO, OPENING THERMOSTAT CONTACTS MAY NOT CAUSE THE EQUIPMENT TO STOP.

- NOTES:
- DESIGNATION OF THE TIME DELAYED GLASS FUSES:
 - F1 PROTECTS THE THERMOSTAT CIRCUIT.
 - F2 PROTECTS THE COMPRESSOR CONTACTOR CIRCUITS, OUTDOOR FAN HI/LO CONTACTOR CIRCUITS, REVERSING VALVE CIRCUITS AND THE "HEAT" OUTPUT.
 - HP AND LP SWITCHES ARE AUTO RESET. CAA CONTROLLER PROVIDES LOCKOUT FUNCTION.
 - THERMAL OVERLOAD RELAYS FOR COMPRESSORS ARE 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 WHEN REPLACING THE CAA CONTROLLER. THE CODE IS DISPLAYED ON THE LCD WHEN POWER IS APPLIED TO THE PCB.
 - DO NOT CONNECT ANY ADDITIONAL EQUIPMENT TO THE CONTROL TRANSFORMER OTHER THAN THE EQUIPMENT SHOWN ON THE ELECTRICAL DRAWING.

LEGEND		COLOUR CODE	
---	FIELD WIRING	r	RED
---	CONTROL WIRING	w	WHITE
---	240V/415V WIRING	b	BLUE
---	CONTROL PARAMETER	bk	BLACK
○	SWITCHBOARD TERMINAL	br	BROWN
○	REVERSING VALVE	gr	GREY
○	LP	gn	GREEN
○	HP	o	ORANGE
○	COMPRESSOR	p	PINK
○	INDOOR FAN	pu	PURPLE
○	OUTDOOR FAN	yl	YELLOW

MODEL:	HPC160R3AD
REF	OPTIONS DESCRIPTION
-----	COMPRESSORS USED DANFOSS HC1J21T4LCB.
-----	OUTDOOR FANS USED ROSENBERG AKFG 900-K.6IF A6 EC GEN.3.
-----	INDOOR FANS USED GKHM 560-CE.175.6IF IE GEN.3.

COMPRESSOR	INPUT POWER kW	REV	2	DATE	18.12.2023	DRAWN	PV	DRAWING No	EL1600004
	RATED LOAD AMP	GRD	---			APPROVED	MD		
	OVERLOAD SETTING								
	FANS (EACH)	kW	FLA						
	OUTDOOR	2.7	4.21						
	INDOOR	---	---						
	CONTROL	250VA	1.09						



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THE COPY IS DEEMED 'UNCONTROLLED' (ISO 9001 - DOCUMENT & DATA CONTROL) AND AS SUCH, MAY NOT NECESSARILY BE THE LATEST REVISION AT TIME OF USE.

SHOULD ANY INFORMATION BE CRITICAL FOR CONSTRUCTION PURPOSES, PLEASE CONTACT COMM AIR AUSTRALIA OFFICE FOR VERIFICATION OF DATA.