

Information About Your New Pro Chiller System



CHILLER SYSTEM COMPONENT LIST

DEALER:	PRO REFRIGERATION, INC.
PRO JOB NUMBER:	204475
CHILLER MODEL:	PS215B98R4200-V-VD
CHILLER SERIAL NUMBER:	2044750920
VOLTAGE:	460V/3PH/60HZ
CONTROL VOLTAGE:	120 VOLT
REFRIGERANT:	R404A

	<u>STAGE #1</u>	<u>STAGE #2</u>
COMPRESSOR MODEL:	ESH743 (15 HP)	ESH743 (15 HP)
SUCTION SERVICE VALVE:	1 5/8" DIA.	1 5/8" DIA.
DISCHARGE SERVICE VALVE:	1 1/8" DIA.	1 1/8" DIA.
CRANKCASE HEATER:	892-0070-05	892-0070-05
GLYCOL STORAGE TANK:	200 GALLON INSULATED TANK	
ELECTRONIC EXPANSION VALVE:	EX5-U21	EX5-U21
SUCTION ACCUMULATOR:	SA-7053	SA-7053
RECEIVER:	RV-816	RV-816
BRAZE PLATE HEAT EXCHANGER:	ACH73-98AH-F	ACH73-98AH-F
SOLENOID VALVE:	200RB 7T5-T	200RB 7T5-T
SOLENOID COIL:	57331	57331
LIQUID LINE DRIER:	C-607-S	C-607-S
LIQUID LINE SIGHT GLASS:	SA-15S	SA-15S
HIGH PRESSURE CUTOUT:	P100CA-1	P100CA-1
GLYCOL CIRCULATION PUMP MODEL:	2ST1G2CPR1 (2 HP)	
GLYCOL PROCESS PUMP MODEL:	2ST1G2CPR1 (2 HP)	
ELECTRONIC TEMPERATURE CONTROL:	TCC	
FACTORY THERMOSTAT SETPOINT:	28 F	
CONTROLLER CARD MODEL:	TCC	TCC
CONTROLLER INTERFACE MODEL:	X2 PRO	
EXPANSION FITTING(S):	(2) 3" FITTINGS	
PRESSURE GAUGE(S):	0-200 PSI, 0-400 PSI	0-200 PSI, 0-400 PSI

SERIAL:	2044750920
MODEL:	PS215B98R4200-V-VD
MAIN VOLTAGE:	460V/3PH/60HZ
CONTROL VOLTAGE:	120 VOLT

C1	COMPRESSOR 1:	ESH743 (15 HP)		
		COMPRESSOR RLA:	32	AMPS
C2	COMPRESSOR 2:	ESH743 (15 HP)		
		COMPRESSOR RLA:	32	AMPS
F1	FAN MOTOR 1:	V-COIL		
		FAN MOTOR RLA:	4.6	AMPS
F2	FAN MOTOR 2:	V-COIL		
		FAN MOTOR RLA:	4.6	AMPS
M1	CIRCULATION PUMP:	2ST1G2CPR1 (2 HP)		
		CIRCULATION PUMP RLA:	3.3	AMPS
M2	PROCESS PUMP:	2ST1G2CPR1 (2 HP)		
		PROCESS PUMP RLA:	3.3	AMPS

MINIMUM CIRCUIT AMPACITY (MCA):	88	AMPS
MAXIMUM OVERCURRENT PROTECTION (MOP):	120	AMPS

UNFUSED SCCR RATING(600V, RMS SYMMETRICAL):	10	KA
FUSED SCCR RATING(600V, RMS SYMMETRICAL, CLASS J FUSES 200AMP MAX):	18	KA

FUSE LEGEND	
FB1	2.5 AMPS CLASS CC
FB2	3.2 AMPS CLASS CC
FB3	2 AMPS CLASS CC
FB4	2 AMPS CLASS CC



