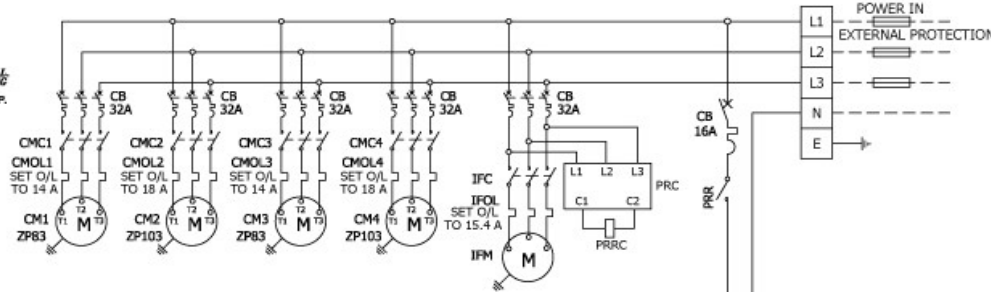
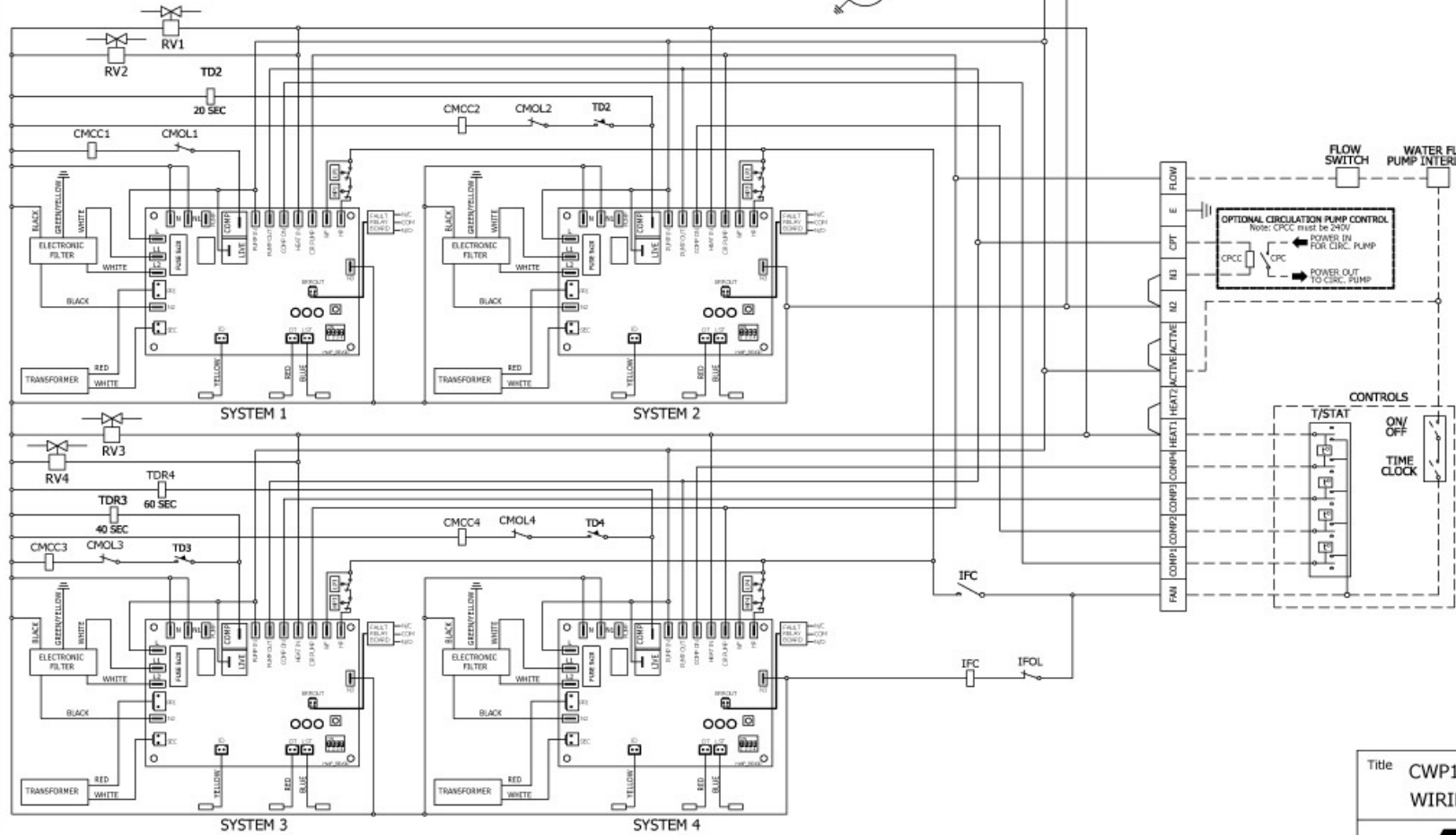


DO NOT SCALE - ASK

IMPORTANT NOTE:
THIS COMPRESSOR IS DIRECTIONAL. ENSURE COMPRESSOR IS ROTATING IN CORRECT DIRECTION. WRONG DIRECTION WILL NOT PUMP. REVERSE TWO WIRES TO CHANGE DIRECTION.



CWP1030R (R410A)		
COMP. (1&3) ZP83X 2 RUN AMPS AT RATING - COOLING	A/PH	11.6/11.4/10.5
COMP. (2&4) ZP103X 2 RUN AMPS AT RATING - COOLING	A/PH	13.3/13.5/12.8
INDOOR FAN MOTOR CAPACITY	KW	7.5
INDOOR FAN MOTOR FLA	A/PH	13.8/13.8/13.8
TOTAL RUNNING AMPS.	A/PH	60.3/60.3/57.1
HFC (R410A) SYSTEM 1 & 3	kg/SYS	3.2
HFC (R410A) SYSTEM 2 & 4	kg/SYS	5



ABBR.	DESCRIPTION
CAP	CAPACITOR
CB	CIRCUIT BREAKER
CM	COMPRESSOR MOTOR
CMC	COMPRESSOR CONTACTOR
CMCC	COMPRESSOR CONTACTOR COIL
CMOL	COMPRESSOR OVERLOAD
CPC	CIRC. PUMP CONTACTOR
CPCC	CIRC. PUMP CONTACTOR COIL
CPT	CIRC. PUMP TERMINAL
DO	DELAY ON MAKE
FLA	FULL LOAD AMPERE
FM	FAN MOTOR
FRB	FAULT RELAY BOARD
FROT	FAN RUN ON TIMER
HP	HI PRESS. CONTROL
IFC	INDOOR FAN CONTACTOR
IFCC	INDOOR FAN CONTACTOR COIL
IFM	INDOOR FAN MOTOR
IFOL	INDOOR FAN CONTACTOR OVERLOAD
LP	LOW PRESS. CONTROL
PRC	PHASE ROTATION CONTROL
PRR	PHASE ROTATION RELAY
PRRC	PHASE ROTATION RELAY COIL
R	REVERSE CYCLE
RV	REVERSING VALVE

Title CWP1030RKTN
WIRING SCHEMATIC - PROTECTION BOARD



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ISSUE	MODIFICATION	EC/N	DATE	APRVD	CLIENT WIRING
D	SYSTEMS 1&3 WERE ZP103, 2&4 WERE ZP83	A1888	12/10/10	DHB	CLIENT WIRING Interconnections between units by client. Double insulated multi-core cable. NOTE: CHECK WIRING BEFORE SWITCHING ON, INCORRECT CONNECTION WILL DAMAGE MOTORS.
C	REMODIFIED THE WIRING OF THE FROT BOARD	A1629	29/10/09	PYU	
B	UPDATE PCB REV D, STANDARDISED FORMAT	R0082	17/07/09	JPB	
ISSUE	MODIFICATION	EC/N	DATE	APRVD	

STANDARD DIPSWITCH SETTINGS			
	OFF	ON	ON
COOL ONLY	1	OFF	HEAT PUMP
FAULT RELAY ACTIVATED UPON FINAL LOCK OUT.	2	ON	FAULT RELAY ACTIVATED WITH EACH SYSTEM FAULT
LST ACTIVATED AT -2°C	3	ON	LST ACTIVATED AT -1°C
SPARE	4	OFF	

Drawn	UA	Date	17.03.09	Drawing No.	570-684-002	Rev.	D
Scale	.	Aprvd	MMG				