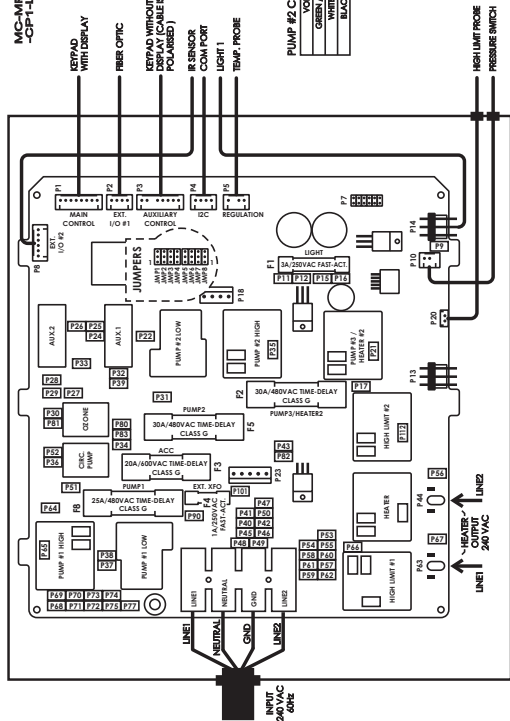


MODEL NUMBER:
MC-MP-P122-P312-B1-O1-CP1-L2S-
HR-IR-AU11-JJC-BF5
13456-01F



JUMPER SETTING	
JUMP1 ☐ NC MODE	☐ + LC JMODE
JUMP2 ☐ DUAL SPEED PUMP #2	☐ - SINGLE SPEED PUMP #2
JUMP3 ☐ INDOOR USAGE ONLY	☐ - NORMAL USAGE
JUMP4 ☐ - NOT USED	☐ - NOT USED
JUMP5 ☐ - NOT USED	☐ - NOT USED
JUMP6 ☐ - NOT USED	☐ - NOT USED
JUMP7 ☐ TEST MODE SELECTED	☐ - TEST MODE NOT SELECTED
JUMP8 ☐ TEST MODE ACTIVATED	☐ - TEST MODE DEACTIVATED



Options:	
MC-MP-P122-P312-B1-O1-CP1-L2S	HR-IR-AU11-JJC-BF5
PUMP #1	12FLA
PUMP #2	15.1FLA
PUMP #3	15.1FLA
BLOWER	8A
OZONE	1A
CIRC. PUMP	1A
COOL. DEV.	1A

Model:
MC-MP-P122-P312-B1-O1-CP1-L2S
ID Number:
0201-209076

Options:	
MC-MP-P122-P312-B1-O1-CP1-L2S	HR-IR-AU11-JJC-BF5
PUMP #1	12FLA
PUMP #2	15.1FLA
PUMP #3	15.1FLA
BLOWER	8A
OZONE	1A
CIRC. PUMP	1A
COOL. DEV.	1A

BONDING LUG

DO NOT REMOVE THE BOARD FROM THE
ALUMINUM BACKPLATE FOR SERVICE



WARNING:
BEFORE OBTAINING ACCESS TO TERMINALS,
ALL SUPPLY CIRCUITS MUST BE DISCONNECTED

USE COPPER CONDUCTORS ONLY
CONNECT ONLY TO A CIRCUIT PROTECTED BY A CLASS A, GROUND FAULT CIRCUIT INTERRUPTER (GFCI).
FOR SUPPLY CONNECTIONS, USE CONDUCTORS SIZED ON THE BASIS OF 60°C AMPACITY (BUT RATED MINIMUM 90°C).
SUITABLE ONLY FOR INDOOR USE OR WHEN INSTALLED UNDER THE WEATHERPROOF SKIRT OF A SPA.
PLEASE MAKE SURE THAT JUMPER SETTINGS ARE PROPER BEFORE POWER-UP.

JUMPERS CONNECTIONS	
SAFETY RELAY PUMP#1	P27 TO P52
SAFETY RELAY PUMP#2	P28 TO P53
SAFETY RELAY PUMPS	NOT REQUIRED

LIGHT CONNECTOR	
VOLTAGE	240V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

HEATER CONNECTOR	
VOLTAGE	240V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE 1	P44
RED / ORANGE / LINE 2	P44

ACCESSORY CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

OZONE CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

CIRC. PUMP CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

COOLING DEVICE CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #1 CONNECTOR	
VOLTAGE	240V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #2 CONNECTOR (SINGLE SPEED)	
VOLTAGE	240V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #2 CONNECTOR (DUAL SPEED)	
VOLTAGE	240V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #3 CONNECTOR	
VOLTAGE	240V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

BLOWER CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #4 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #5 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #6 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #7 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #8 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #9 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #10 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #11 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #12 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #13 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #14 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #15 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #16 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #17 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #18 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #19 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #20 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #21 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #22 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #23 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #24 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #25 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #26 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #27 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #28 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #29 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #30 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #31 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #32 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #33 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #34 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #35 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #36 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #37 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #38 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #39 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #40 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #41 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #42 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #43 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #44 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #45 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #46 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #47 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #48 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #49 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #50 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #51 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #52 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #53 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #54 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #55 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #56 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #57 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #58 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #59 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #60 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #61 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #62 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #63 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #64 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #65 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #66 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #67 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44

PUMP #68 CONNECTOR	
VOLTAGE	120V
GROUND	P43
WHITE / COIL	P44
BLACK / LINE	P44