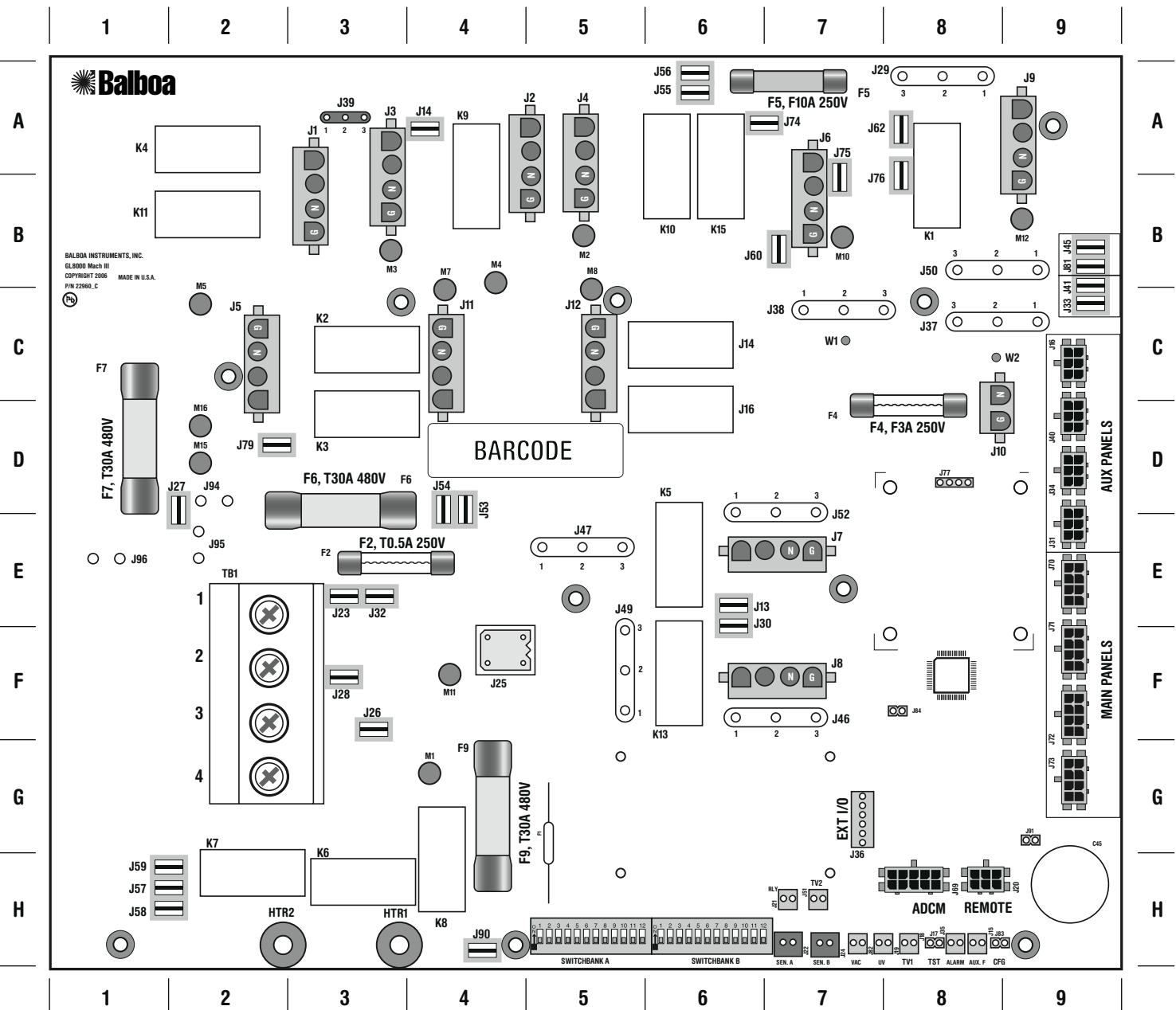


GL8000 Mach 3 Configuration Guide



Soldered-In Jumper Configuration

Locations 1 & 2 determine 10VAC, Locations 2 & 3 determine 230VAC.

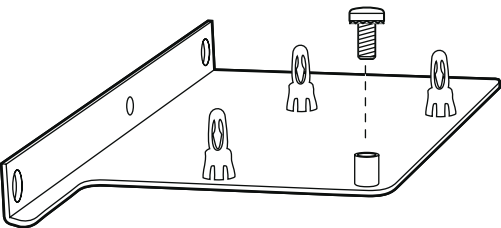
Soldered-In Jumper Application

Jumper	Quadrants
J29 + J50	Determine Voltage for J9 (Mist) 8-A, 8-B
J37 + J38	Determine Voltage for J10 (Spa Light) Unused
J47 + J52	Determine Voltage for J7 (Misc.) 5-E, 7-E
J49 + J46	Determine Voltage for J8 (Fiber Optic) 5-F, 7-F



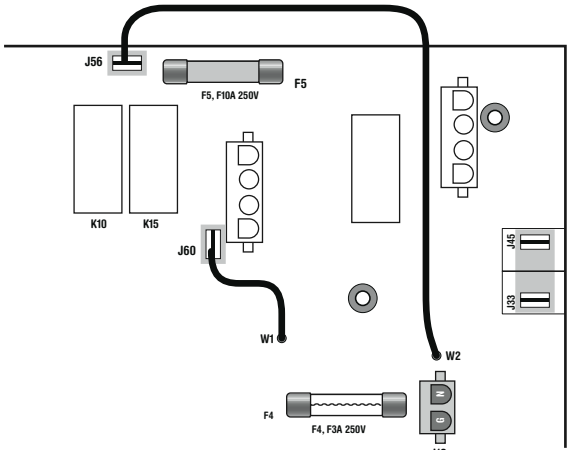
Output Features	Quadrant
J1 2-Speed Pump 1	3-A
J2 Output tied to Pump 1 Low – OR output tied to Circ Pump (Set with J39)	4-A
J3 Circ Pump	3-A
J4 Ozone	5-A
J5 A.V.	2-C
J6 Blower	7-B
J10 Spa Light (10V or 230V)	8-C
J7 Misc (Separate Relay 10V or 230V)	7-E
J8 Fiber Optic (10V or 230V)	7-F
J9 Mister (10V or 230V)	9-A
J11 2-Speed Pump 2	4-C
J12 2-Speed Pump 3	5-C

GL8000 Expansion Options

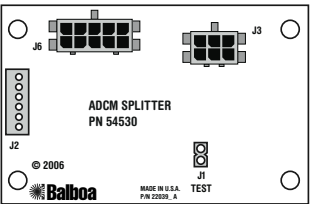
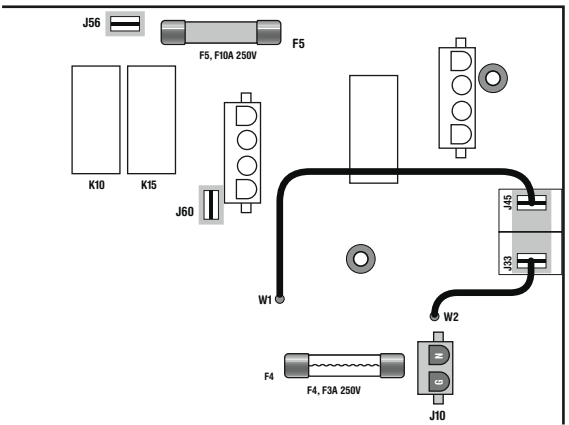


X-Mount M **PN 53914**
Used for mounting any Expander Board in a metal enclosure.
Bracket attaches to heater mounting straps

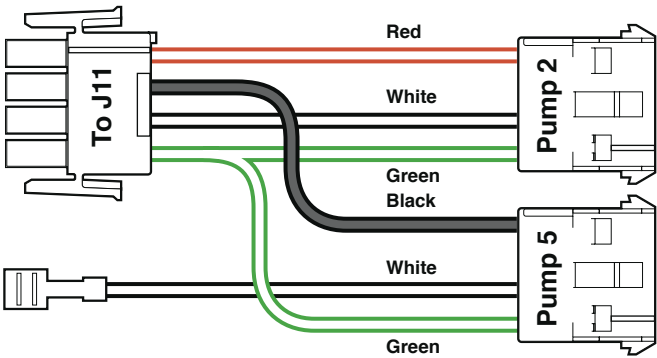
230 VAC
Spa Light Configuration



10 VAC
Spa Light Configuration



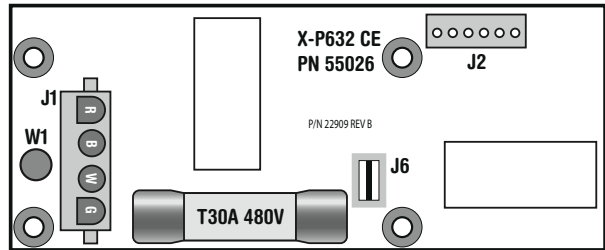
ADCM SPLITTER KIT **PN 54530**
Required when using a Menu-driven panel.
Kit includes PCB, stand-offs, and cable.
Note: Software v29 or higher required.
• J2 connects to ADCM IN (J69) on main PCBA.
• J3 connects to Menu Panel or Transceiver.
• J6 connects to tester or F.A.S.T. station.



PS-25 **PN 25094**
Used to split the output from the Pump 2 Connector (J11) into a single-speed Pump 2 and single-speed Pump 5.
White wire quick connect goes to Main PCB at J59.

PS-34 **PN 25093**
Used to split the output from the Pump 3 Connector (J12) into a single-speed Pump 3 and single-speed Pump 4.
White wire quick connect goes to Main PCB at J58.

ELS-VALVE **PN 22934**
Used to split the output from a single-speed Pump to allow a Valve Sequencer to be powered by the pump's output.



X-P632 CE **PN 55026**
Used for an additional 2-speed Pump output.
Relay control J2 plugs into the EXP I/O connector J36 on the Main PCBA (Quadrant 7-G).

X-P CE **PN 53547**
Used add a additional 1-speed Pump output when all main board pump connections are used.

X-P231 CE **PN 55025**
Can replace the X-P CE in cases where branch circuit protection is needed for high amperage devices that would over-burden power input fuse F6 or F7 (3-D) on the main PCBA.