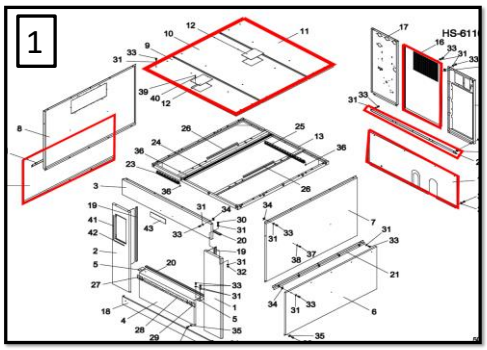
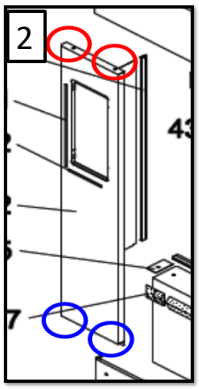
Standard Work Instruction

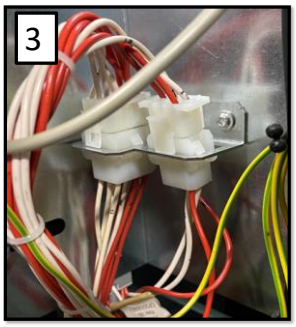
EH255 Inverter Removal

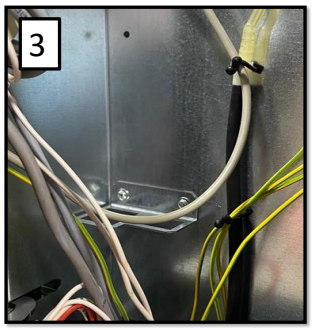
GIRBAU NORTH AMERICA INC.

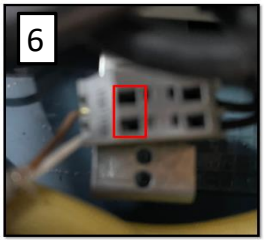
Machine Series	EH	Process		Time Element	2 people, 4 hours/ person	Issue Date / Rev	9/22/2022
Symbols	**Step#**	**WORK STEP**	**Symbol**	**INSPECTION / ACTION**			**MATERIAL OR TOOL USED**
	1	Remove lower rear panel, lower left panel, and all top panels. (outlined in red).					13 mm socket
SAFETY	2	Remove the top bolts (red) on the left front column. Just loosen up the lower frame bolts blue). Left front column should lean forward					13 mm wrench, 13 mm socket
HOT	3	Open the front control access door. Unplug the two Molex connectors. Push the tabs on the male side of the plug so it drops through the bottom of the opening.					
PINCH	4	Remove wires 32 and 37 from the On/ Off button. Unplug X10 on the A1 boad. Remove cable clamp.					7 mm socket
Safety Equipment	5	Disconnect U, V, and W off the motor. Remove motor harnesses from the motor. Make sure you write down where the wires connect to.					5 mm Allen wrench, 10 mm socket
Safety Glasses	6	Remove the klixon wiring harness by pressing in on the release button on the connector. Red square.					Small screwdriver
Safety Shoes	7	Remove motor harness clamps					7 mm socket, 7 mm wrench











Standard Work Instruction - Product Conversions

GIABAU NORTH AMERICA INC.

Machine Series	EH	Process		Time Element		Issue Date / Rev	
Symbols	Step#	WORK STEP	Symbol	INSPECTION / ACTION			MATERIAL OR TOOL USED
	8	Remove all wires off water valves. Place the wires inside the inverter enclosure. Place wires in the inverter enclosure.					
	9	Remove the wire harness that goes to the front of the machine. Tuck wires into the inverter enclosure.					
	10	Unplug all connectors on the A5 and A6 boards.					
	11	Unplug the harness that goes to the motor fan. Remove the ground wire. Tuck the wires into the inverter enclosure.					7 mm socket
	12	Unplug the electrical connector going to the pneumatic actuators. Tuck harness into the inverter enclosure.					Small tip Phillips screwdriver
	13	Remove the mounting bolts for the inverter enclosure.					
	14	As you face the front of the machine remove the right bolts on the top frame piece. Be careful, at this point nothing is physically holding the enclosure in place.					13 mm socket
	15	Take a 2x4 that is about 46" long and prop up the top frame piece. Place the 2x4 behind the inverter so the upper frame is lifted.					2" x 4" x 46" block of wood
	16	Carefully install the inverter enclosure. This is probably a 3 person job.