



CONTROL PANEL CONTROLS & ELECTRICAL LAYOUT

Medical Equipment Washing & Decontamination Systems



Front View of Control Panel

MALE / FEMALE WIRE CONNECTORS
TO REMOTE DEVICES

Wash Cycle Counter

Depending on your year and model, it may be located in the Chemical Cabinet, under the Chemical Pumps.

Drive Motor Capacitor

FUSES: 120V Operation

FU-1: FRN-R-20

FU-2: FNQ-R-5

FU-3: GMD-2.5

FU-4: GMD-1.5

FU-5: GMD-1.5

FU-6: GMD-1.5

FU-7: FNQ-R-8

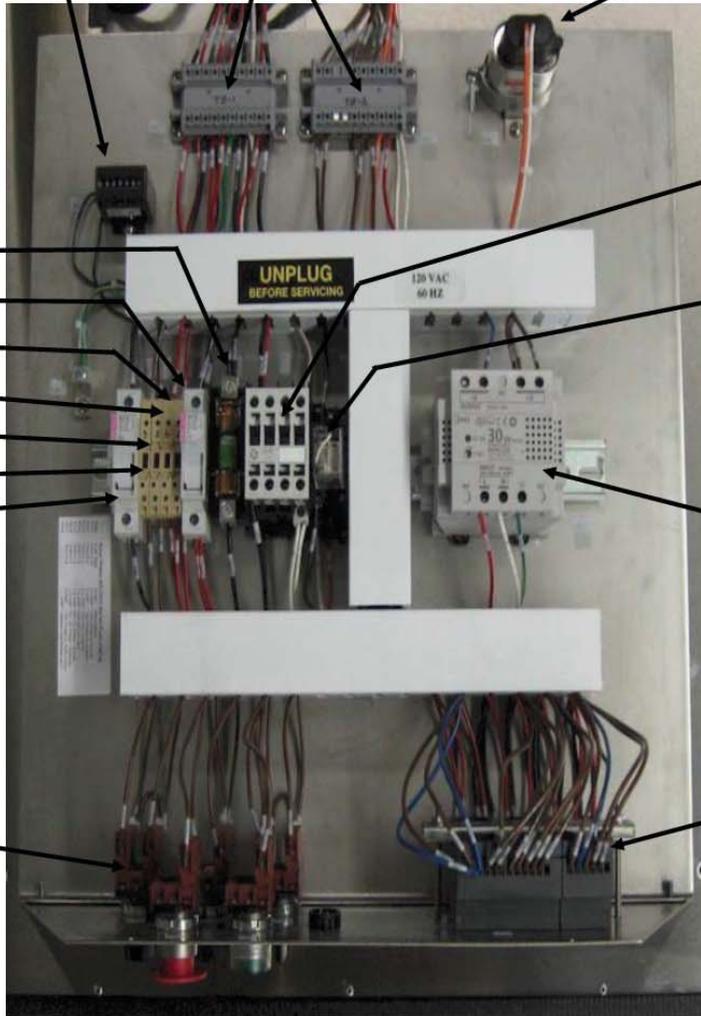
Chamber Pump
Motor Contractor

Drain Pump
Motor Relay

Power Supply
30 Watt, 24V DC

Control Switches

PLC





FUSES

Medical Equipment Washing & Decontamination Systems

The critical electrical devices on *Aqua Phase* are protected by fuses from electrical anomalies. Without a properly fused electrical system, there would be risks to the critical (expensive) electrical devices and to a person operating the device.

IF YOU SUSPECT A FUSE MAY BE BLOWN, UNPLUG THE MACHINE BEFORE INVESTIGATING.

Seven fuses and a GFCI are located on *Aqua Phase*:

Name	Fuse Type	Purpose	Location
FU-1	RFK 20A (FRN-R-20)	Pump Motor - Main Power	Control Panel
FU-2	CC 5A (FNQ-R-5)	Electronics System	Control Panel
FU-3	GMD 2.5A (GMD-2.5A)	PLC Outputs	Control Panel
FU-4	GMD 1.5A (GMD-1.5A)	Drive Motor	Control Panel
FU-5	GMD 1.5A (GMD-1.5A)	Safety Switches & Probes	Control Panel
FU-6	GMD 1.5A (GMD-1.5A)	PLC Inputs (Switches)	Control Panel
FU-7	CC 8A (FNQ-R-8)	Drain Pump	Control Panel
FU-8	-	Optional (Lite, Blower, etc)	Control Panel
GFCI	GFCI	Ground Fault Protector	Power Cord

Effects of a blown fuse(s):

Name	Status	Condition
FU-1	If Blown	No power to Main Pump, no water spraying in Wash Chamber.
FU-2	If Blown	System will be dead.
FU-3	If Blown	No activity from pressing "START" button.
FU-4	If Blown	System will pump, but no sweeping spray action will be heard.
FU-5	If Blown	No activity from pressing "START" button.
FU-6	If Blown	No activity from pressing "START" button.
FU-7	If Blown	No Power to drain pump. Machine will not drain.
GFCI	If Tripped	System will be dead. No power to any devices.

Fuses listed above with the exception of the "GFCI" are located behind the control panel face. To access fuses on the control panel:

1. Remove the fasteners on the left and right of the control panel cover.
2. You need to **remove only the top two** screws on the control panel face.