

CONTROLLER: SAT
SAT-3PH

Dual, External Buffer Amplifiers

pH Sensors:	Cable to:	Located:
pH1	C+ & C- Coax. Shield to C-	Door mounted circuit board Green ground wire to backplate
pH2	Cable amplifier to GP, G+ & G-	Module located at pH Sensor See amplifier manual
pH3	Cable amplifier to HP, H+ & H-	Module located at pH Sensor See amplifier manual

Cabling Notes: Do not parallel pH cables & AC power cables.

If sensor cables are shortened, strip center conductor 'black' insulation from inner 'clear' insulation before terminating. Do not extend pH sensor cables.

Flowswitches	Cable to:	Located:
Caustic 1	'U' input	Door mounted circuit board
Caustic 2	'V' input	Door mounted circuit board
Caustic 3	'W' input	Door mounted circuit board

Cabling Notes: Dry contacts may be substituted for a flowswitch.

Contacts must be closed to operate pumps.

Pumps are usually plugged into the controller outlets
Hardwiring information only:

Pumps	Cable to:	Located:
Caustic 1 Pump	Line to L1 Neutral to N1	Door mounted circuit board
Caustic 2 Pump	Line to NO2 Neutral to N2	Door mounted circuit board
Caustic 3 Pump	Line to NO3 Neutral to N3	Door mounted circuit board

Cabling Notes: Pumps may be hard-wired using AWG18-16 multiple stranded wire or plugged into the pre-wired pump plug box.

Do not wire AWG14, seven strand wire directly to the door mounted terminal blocks.

Refer to Manual Section 3.3.8 for wiring detail.