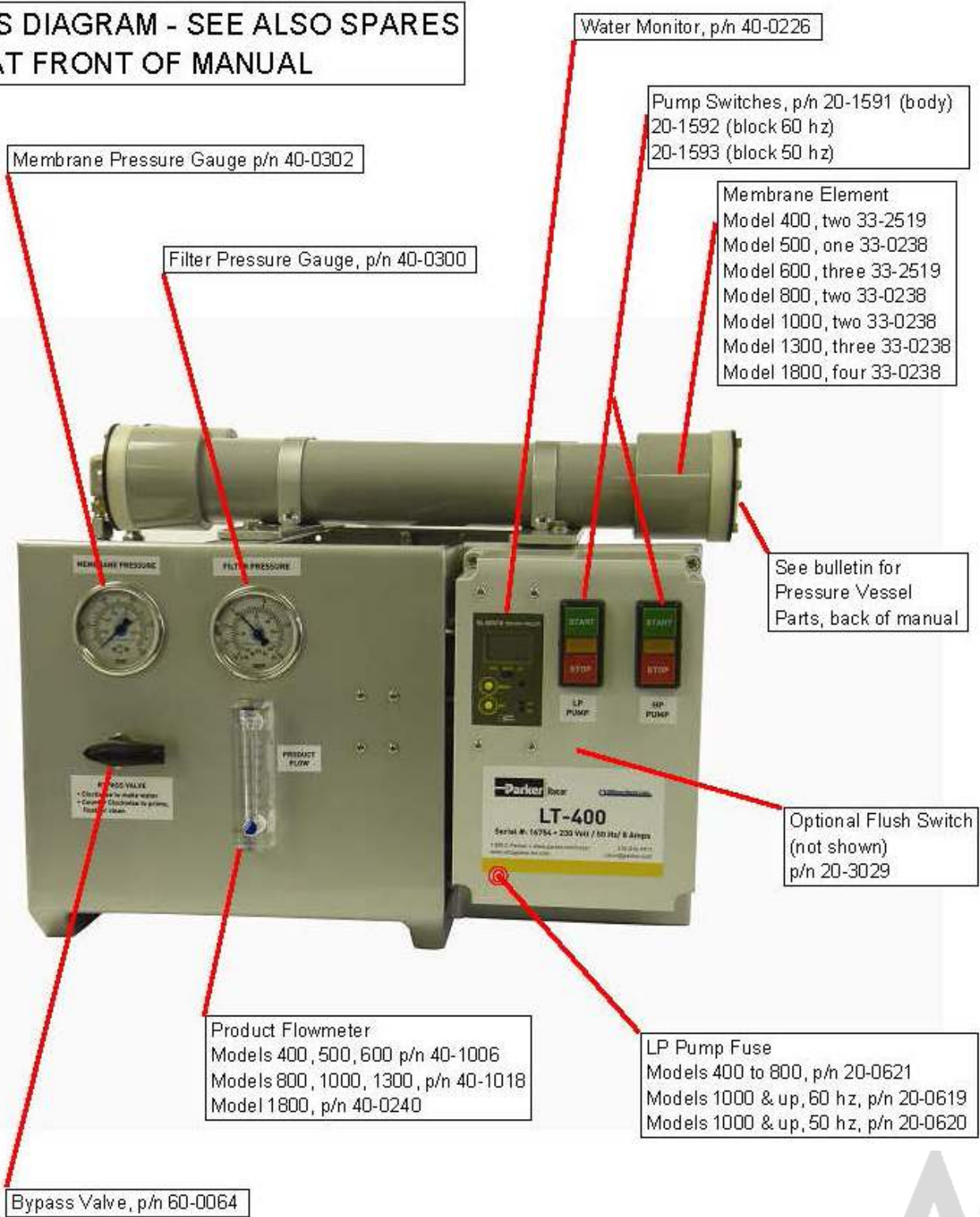


PARTS DIAGRAM

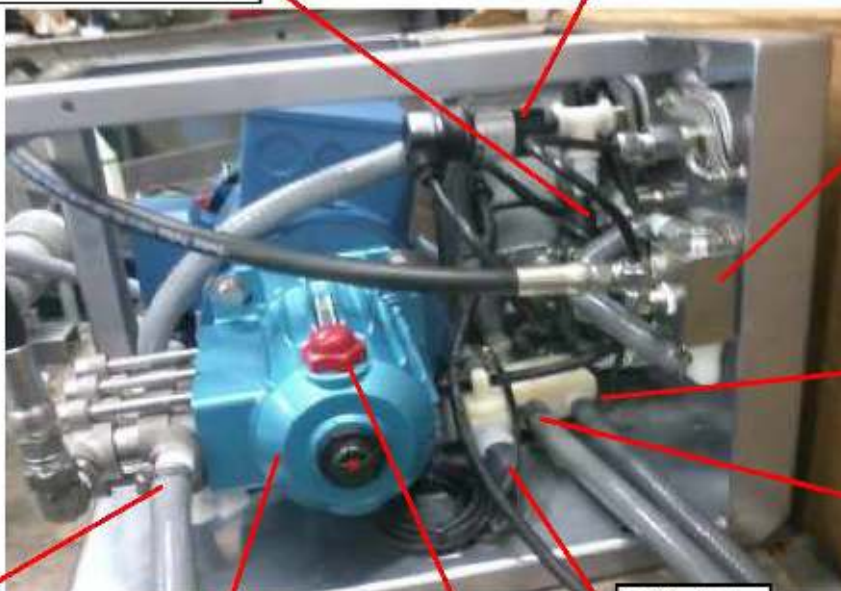
PARTS DIAGRAM - SEE ALSO SPARES LIST AT FRONT OF MANUAL



PARTS DIAGRAM

Product Solenoid Valve
Models up to 800, 60 Hz, p/n 19-1124
Models up to 800, 50 hz, p/n 19-2124
Models 1000 & up, 60 hz, p/n 19-1131
Models 1000 & up, 50 hz, p/n 60-0162

Low Pressure Switch, p/n 20-0280



Pressure Regulator, p/n 60-4547

Fresh Water, to tank

Reject Brine water, to overboard

Inlet water, from 5 micron filter

Salinity Probe p/n 40-0241

Pump Oil, p/n 85-0050

HP Pump
Models up to 600, p/n 70-1253
Model 800, p/n 70-1255
Models 1000 & 1300 at 50 hz, p/n 70-1254
Models 1000 & 1300 at 60 hz, p/n 70-1256
Model 1800 Pump, p/n 70-1254

Pumps 70-1253/5/6, HP Pump outlet valve kit, p/n 70-6135
Pumps 70-1253/5/6, HP Pump inlet valve kit, p/n 70-6136
Pumps 70-1253/5/6, HP Pump seal service kit, p/n 70-6134
Pump 70-1254 only, HP Pump outlet valve kit, p/n 70-6138
Pump 70-1254 only, HP Pump inlet valve kit, p/n 70-6139
Pump 70-1254 only, HP Pump seal service kit, p/n 70-6137

LP Pump (not shown)
Models up to 800 at 60 hz, p/n 70-7504, pump repair kit p/n 70-7506
Models up to 800 at 50 hz, p/n 70-7505, pump repair kit p/n 70-7506
Models 1000 and up, p/n 70-1550, pump repair kit p/n 90-0617



CONTROL & METER DETAILS

Override Switch. Set to the AUTO position for normal operation. Set to OFF to keep Product Solenoid Valve closed, for instance when flushing out cleaning chemicals or for 10 minutes when first installing new membranes. Set to ON to keep Product Solenoid Valve open, for instance when it is desired to override the quality reading from the probe or for troubleshooting.

Salinity display, as ppm NaCl.
Display reads 1 when result is above 2000 ppm.

LED lamp lights yellow when water is "good" quality (below setpoint). Lamp is green when water quality is "bad" (above setpoint)

Press the **MEAS** button to view the measured salinity. Calibrate by putting probe in a known buffer solution, and turning the **CAL** potentiometer with a screwdriver.

Press the **SET** button to view minimum acceptable water quality. Adjust by turning the tiny potentiometer marked **SET** with a screwdriver. Recommended setting 500, meaning water above 500 ppm is rejected overboard.



AUTO FLUSH
Once Only | Off | Set Timed Flush



Optional Auto Flush Switch p/n 20-3029

LP Pump Fuse
Models 400 to 800, p/n 20-0621
Models 1000 & up, 60 hz, p/n 20-0619
Models 1000 & up, 50 hz, p/n 20-0620



OPTIONAL REMOTE CONTROL BOX

Pumps can be started and stopped from the remote. For remote operation, the bypass valve (black handle) can be left in the closed, clockwise, position



Green Lamp illuminates when producing fresh water with quality within setpoint parameters

Flushing cannot be controlled from the remote, however timed flush be set at the watermaker with the optional auto-flush configuration. Flushing requires the bypass valve (black handle) to be left open, counterclockwise.