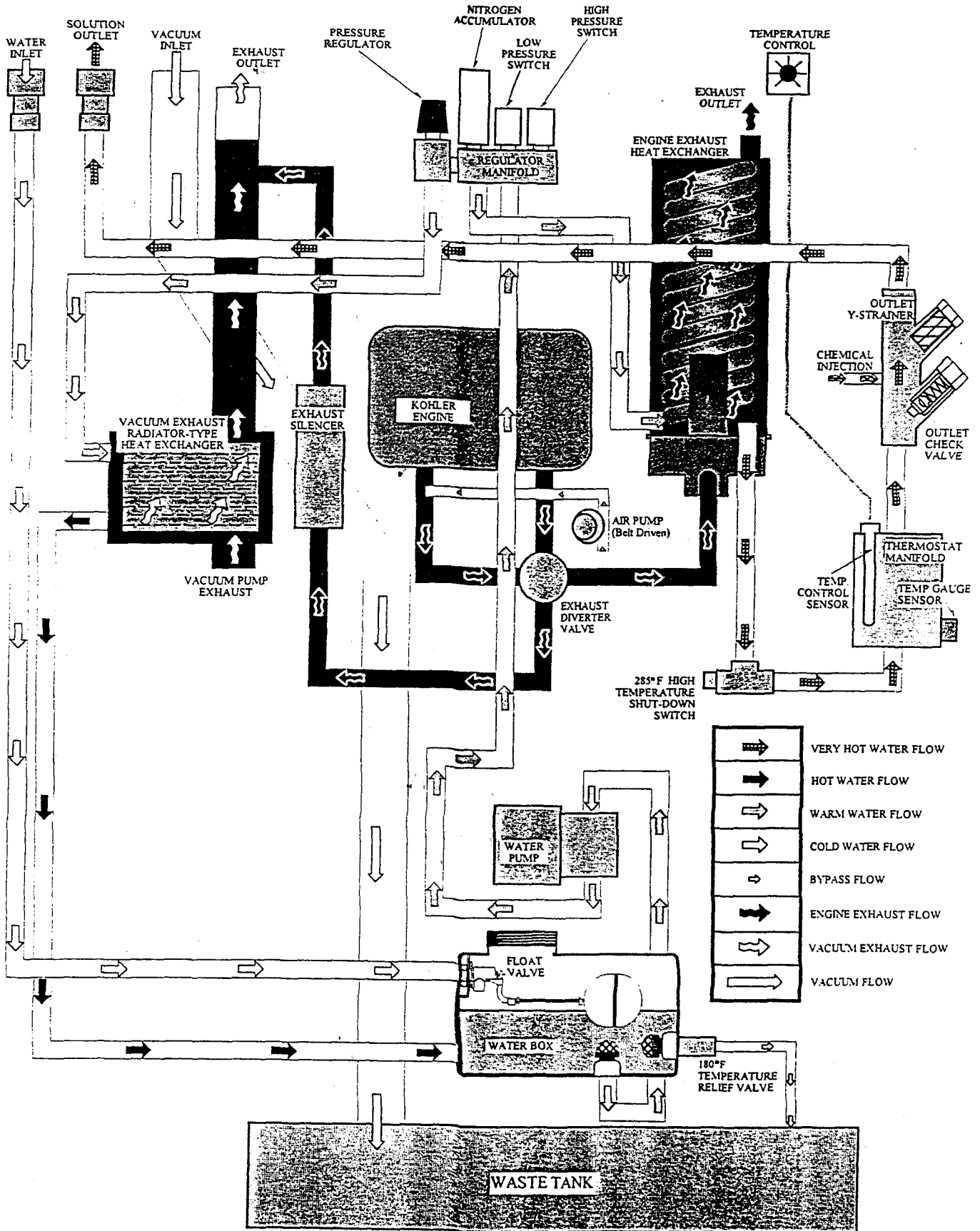


Figure 14 HEAT TRANSFER & WATER PUMPING SYSTEM



An exhaust diverter valve is located on the engine exhaust system. This allows you to direct the exhaust either to the heat exchanger for high temperature cleaning or to the exhaust muffler for low temperature cleaning or extraction, such as for flood restoration.

When the diverter valve is in the MUFFLER position, a microswitch automatically shuts off the water pump. An override switch on the control panel will enable you to turn the water pump ON, for low temperature cleaning.

3. VACUUM SYSTEM

See Figure 16. Vacuum flow is initiated by the

vacuum pump, with air and water being drawn into the vacuum inlet at the front of the console.

The mixture then flows through a strainer basket into the waste tank. Air exits the waste tank through a 100-mesh filter, and then flows into the vacuum pump. A vacuum pump relief valve has been provided for vacuum pump protection.

The air is discharged from the vacuum pump through the stage one heat exchanger where the heated vacuum exhaust blows across a radiator-type heat exchanger before discharging into the atmosphere.

Figure 16 VACUUM SYSTEM

