

IX. Con't Recirculating Equipment

and all valves must be plainly and explicitly labeled with permanently legible labels. It is desirable to frame manufacturer's directions for operating equipment under glass and mount them permanently, near the respective pieces of apparatus.

2. Pumps

In most cases, a single stage centrifugal pump designed for large delivery against low heads, directly connected to an electric motor, is found suitable.

3. Hair catchers

A hair catcher, to keep out hair, fibers from suits and other small solids, is necessary to protect the pump.

4. Filters

Pressure filters consist of a closed cylindrical steel shell or tank, either vertical or horizontal, containing a bed of screened sharp filter sand and crushed quartz and filter gravel or anthracite coal at least 36" deep, underlaid by a branching system of strainer pipes. The water enters above the sand bed, is forced down through its successive layers, and leaves thru the pipes at the bottom. The filter we have now is similar to this description.

5. Suction Cleaning System

The walls and floors of pool are cleaned while the pool is filled with a suction system analogous to the household vacuum cleaner. Suction piping is extended from the main suction line immediately in front of the hair catcher or from a special pump to special inlets placed around the pool, about 12" below the water surface. It may be the