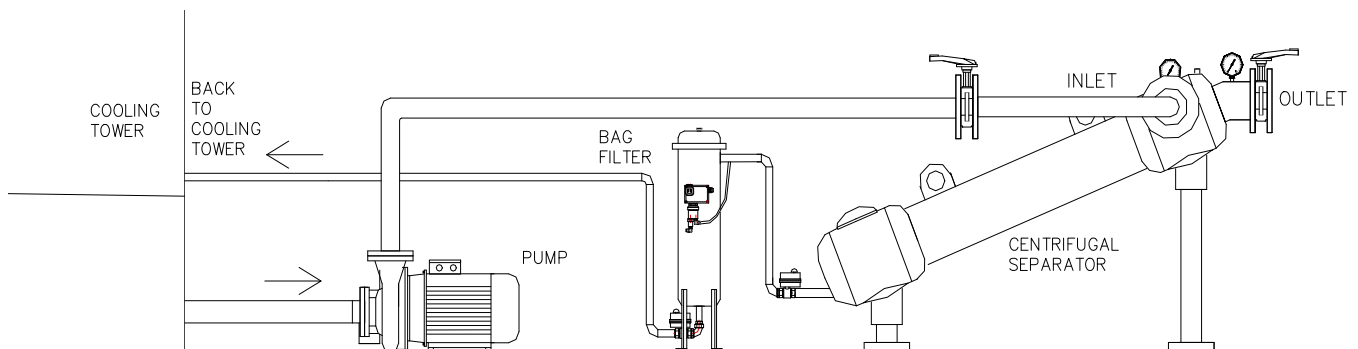


COOLING TOWER WATER FILTRATION

1- FULL FLOW FILTRATION SYSTEM



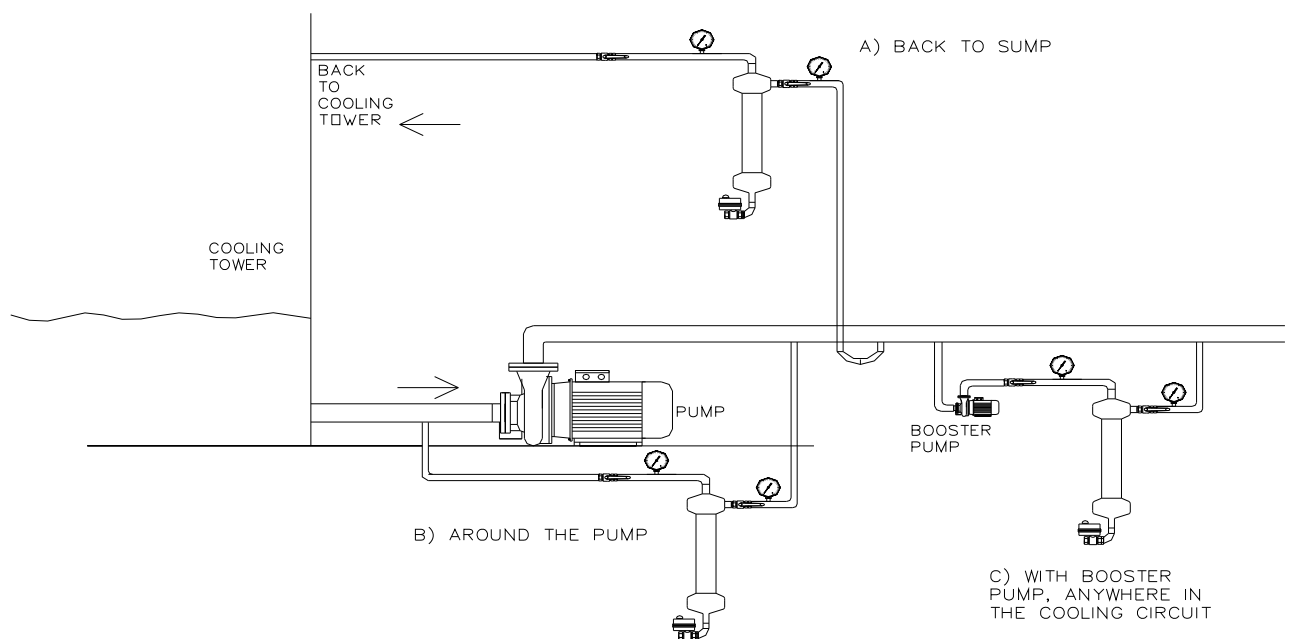
Water flows from the cooling tower to the centrifugal separator, by the main pump.
Two alternatives are available for purging the separator :

- An Automatic Purge System, including automatic valve and time controller, empties regularly the separator. The purge water goes normally to drain.
- For zero liquid loss, the purge water returns to the cooling tower basin through a bag filter housing, with pressure differential indicator. Easy to detect when it is time to clean bag filter.

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2- SIDE STREAM FILTRATION

Normally 3 % to 15 % of the total flow is filtered. Three possibilities of installation are available:



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3- FILTRATION SYSTEM FOR BASIN SWEEP CLEANING

The bottom of the tower basin is continuously kept clean by ejectors pushing sediments to the pump intake of the JUMAG Filtration System.

The skid mounted Filtration System includes a strainer, centrifugal separator, pump, control panel, automatic purge valve alternatively bag filter for zero liquid loss.

