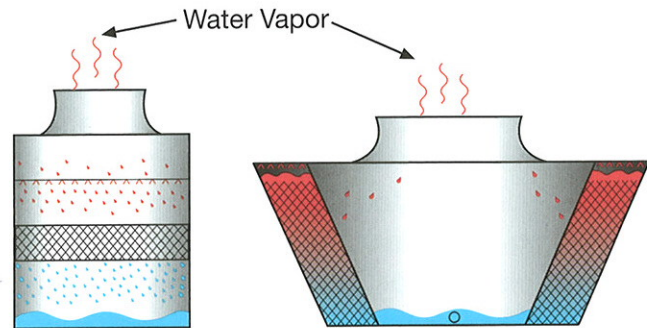
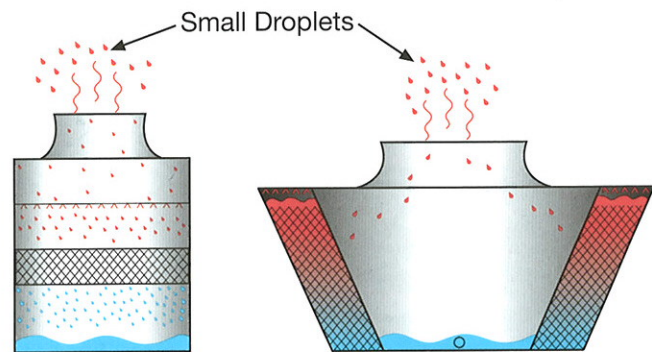


Drift Eliminators Principle of Operation

In every cooling tower there is a loss of water to the environment due to the evaporative cooling process. This evaporated water is in the form of pure water vapor and presents no harm to the environment.



Drift however is the undesirable loss of liquid water to the environment via small droplets that become entrained in the leaving air stream. These water droplets carry with them chemicals and minerals thus impacting the surrounding environment.



Drift Eliminators are designed to capture large water droplets caught in the cooling tower air stream. The eliminators prevent the water droplets and mist from escaping the cooling tower. Eliminators do this by causing the droplets to change direction and lose velocity at impact on the blade walls and fall back in to the tower. Efficient drift eliminators will keep drift losses to less than .001% of the recirculating water flow rate.

