

Air Washers



The unit essentially consists of inlet air filter assembly, cellulosic fill media, forward or backward curved blower, mist eliminator, water re-circulating pump and an enclosure / housing for these components , ductwork, air distribution grilles, etc.

The Evaporative Cooling Pad (ECP), made of Cellulosic paper is engineered from cross-sectional, specially treated flute media capable of absorbing and retaining water to provide the maximum cooling efficiencies. The cellulose media is treated with stiffening and wetting agents to provide the cooling without any carry-over of water with air stream.

The saturation efficiency ranging from 60 to 95% can be achieved depending upon air velocity and depth of cooling pad. Because of these unique properties of ECP, these are employed for air cooling not only for Green houses & Poultry farms but are also being successfully employed for Industrial Air Cooling applications as well. We also supply spray type Air washer units.