

- High efficiency centrifugal plug fan with low noise level.
- Coil section pan and filter rail are made of stainless steel.
- Filters with high efficiency (G2 to H14 dust spot) and carbon active filter are available to use.
- Hygienic air handling is equipped with DDC type controller (IP65 is optional)
- It is connected to the Modbus network -BMS (Optional)
- F & G control system (Optional)
- Ability to optimize energy consumption by at least 25% due to inverter use.
- Display the ambient temperature and room temperature.
- Display faults and record fault occurrences
- Control differential pressure of filters
- Stainless steel Jacket steam grid humidifier (optional)

Air Washer



Tahviah air washers are two types:

Type 1, AW1: class 6, Single bank (Max. 75% of Saturation Performance at 500 fpm and 30 PSIG)

Type 2, AW2: class 8, two banks (maximum 95% of saturation efficiency at 500 fpm and 30 PSIG)

Features:

- Header of water inlet, piping and nozzles material are poly propylene.
- Plastic mist eliminator and inlet louver are included in chamber.
- Full cast iron water sump pumps are placed inside the air washer chamber, making it compact and easy to install.
- The unit is equipped with floater and a water level control switch; prevent the burning out of sump pumps.
- Casing is constructed of airtight double skin galvanized sheet panels with 1 or 2 inches polyurethane insulation, powder electro static painting and sight glass. To protect the water sump pump against corrosion, glass fiber coating is available upon request.
- Stainless steel casing (optional)
- Use special thermal profiles (Optional)
- Use of proper access door.
- Use of special handles and hinges.
- Air washer pan is made of hot dip galvanized sheet and it is painted with epoxy coating.
- Fan is centrifugal type with static and dynamic balance with shaft and bearing grease nipples.
- Three phase 380-3-50 electric motor 1400rpm with IP 54 protection and thermal class F (with adjustable position by setting screw).
- Vibration isolator is used under the fan and motor assemble.