

Air Handling Unit

COMPONENTS DESCRIPTION

OM - AH Serie Units Sections are available with various accessories in order to provide maximum compliance to most complex specification.

The following accessories are listed and described :

ABS - Common base frame
acting as the skid collecting all section within specified arrangement. ABS is equipped with lifting lugs to enable easy handling of the unit during transportation and installation.

Attached - Top cover as
weather proofing component of outdoor unit .ATC is made with slight pitch down from the center line finishing with channel gutters on either sides to avoid rain water splash at side of the unit.

ASM - Spring mounts
for Fan floating base instead of standing rubber mounts for precisely specified anti vibration protection requirement. ASM selection of different static deflections is available at request.

AIL - Air intake louver
for application on outdoor units or industrial units with free return. Ail are of standard fixed design with bird screen in front of wire mesh and sized according to selected air intake damper (DAI) for 100 % (full), 50 % and 25 % air flow.

ASL - Air intake sand louver for
coarse sand extraction prior the entry in the unit as considerable help in pre - filtration process in areas where sandstorms are frequent.



ARR - Rain Hood
for air intake of outdoor unit. ARR is completely projected over air Intel opening and equipped with bird screen in front of wire mesh. The use of ARR is protecting the unit from rain drops penetration through air intake regardless of rainstorm intensity and direction.

ABD - BY - pass duct
as obligatory accessory to Face and Bypass control damper. ABD is providing accessory alternative air passage around the coil.

ABD is provided with perforated restructure, when required, for air flow balance, as the same is Essential for proper functioning of Bypass control.

AFC - Flexible duct connector, to be used if required by specification for complete anti - vibration disconnect from dusting system .AFC is available for all types of fans' outlets as well as for all other connections. This accessory is not required with This type of unit as all vibration is held at floating fan base but some specification are asking for the same for more protection.

AWS Air Washer Section

evaporative cooler produces effective cooling by combining a natural process water. evaporation with a simple reliable Air-moving system, fresh outside air is pulled through nozzles section or moist pads, where it is cooled by evaporation and circulated through a building by blowers.

