

CASE STUDY 4

**An Air-Cooling solution, 100 % tailor
made to suit RAIL NILAYAM
HYDERABAD's requirement**

THE OBJECTIVE

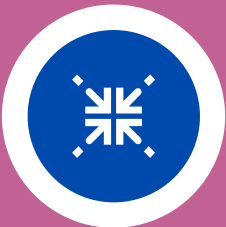
Need Air washer units 100% Fresh Air unit with good cooling with lowest power consumption needed to be installed. Capacity of 1,50,000 CFM of 8 units were to be installed.

PROJECT DETAILS :

Project Name: Rail Nilayam Building

Location: Hyderabad

CLIENT REQUIREMENTS



A total Air Cooling
Solution



100 % Fresh Air
System



A Reliable offering with
one stop solution for all
HVAC components and
spares

OUR SOLUTION

We proposed and designed single stage Air Washer units with 90% Plus Saturation Efficiency. The units are customised as per the available space and orientations to occupy as low space as possible without compromising on its performance.

A physical survey inspection was done by our engineering team at the site. A drawing is prepared with Inlet, Fan outlet and discharge plenum. Once the drawing is approved by the client and contractor, We manufactured the Air Washer units as per the drawing and the units were shifted to the site in SKD condition and installation was done.

The units are running ever since and customer is happy with us.

RESULT

The single stage Air Washer units – 8 nos were connected to the respective areas and conditions to the occupants were delivered. Comfortable conditions around 26 to 28 deg C was achieved in summer. Completed in July 2011.