

Hijend Hotel Ballroom AHU-1  
HS 2016-09-20 9:23 am

Average OAT/RAT during test 52/73 °F

Fan speed (tach) = 1,803 rpm

OA damper 2 section, opposed

- 60" h x 39" w

- -51" from horizontal (based on clinometer on middle blade)

- 1 actuator / section

RA damper similar size / arrangement

- blades wide open

25% OA at design from recent TAB verification

51-52 °F Fan LAT during test

Dampers did not appear to move during test

Set/verified when filters  
etc changed = every  
2 years

Filter ΔP gauge never installed, TAB  
checked @ last change = 1.85 in. w.c. dirty  
staff checks on PM's



Hijend Hotel Ballroom AHU1 cont.

(2)

Mixed air velocity & temp @  
filters, entering side, airflow from  
behind.

285 54.1	382 61.3	526 68.9	728 73.5
475 53.2	480 63.7	648 70.5	792 73.5
391 52.8	423 62.1	583 71.8	681 72.1

24x12x2  
38/30

Pre

Rig flow

MERV 11

Final 12" d

← 24x24x2

Readings taken L → R T → B

Omega 4-in-1

Start @ 9:42 am

Finished @ 9:58 am

Filter DP =

1.3 in WC

Dirty filter DP allowance from dugs

Pre - 1.0

20,000 cfm scheduled

Final - 1.0

flow rate

TAB report got wet & total  
flow # is not legible. Sue thinks  
at design w/ filters dirty. Will try to  
get clean copy.