

# National TAB

Project: Hyatt Continental Ballroom & Pre-function Reno  
(Orlando, FL)



## System/Unit: AHU/RTU

Asset: AHU106

AREA:MECH ROOM 1

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	H24J82835
Model Num	NA	CSAA017UAM00
Configuration	-	VERTICAL
Num PreFilter 1	-	N/A
PreFilter Size 1	-	N/A
Num PreFilter 2	-	N/A
PreFilter Size 2	-	N/A
Num Final Filter 1	-	2
Final Filter Size 1	-	20x20x2
Num Final Filter 2	-	4
Final Filter Size 2	-	24x20x2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	-	5.0
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	6.6
Service Factor	-	1.15

Test Data		
	Design	Actual
SF CFM	7545	7730
SF RPM	-	2040
RA CFM	-	
OA CFM	5000	
Relief CFM	N/A	N/A
RL Voltage	-	329 VFD
RL Amperage	-	4.19 VFD
VFD Max SetPt	-	68 HZ
VFD Min SetPt	-	68 HZ
SF Motor Freq(HZ)	-	68 HZ
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	68 HZ
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

**Notes:**

SUPPLY TRAVERSE READINGS (FPM): 895, 832, 850, 984, 1119, 1283, 975, 983, 1069, 1164, 1288, 1425, 1407, 1396, 1433, 1535, 1555, 1715, 1843, 1833, 1813, 1745, 1876, 1801, 957, 1034, 1036, 1010, 1049, 1385, 949, 972, 1104, 1178, 1322, 1609, 1533, 1604, 1599, 1771, 1849, 1794, 1877, 1902, 1928, 1957, 2028, 1892 (AVERAGE = 1419 FPM).

RETURN TRAVERSE READINGS (FPM):

Written By: Mark Johnson on 07/31/2025

# National TAB

Project: Hyatt Continental Ballroom & Pre-function Reno  
(Orlando, FL)



## System/Unit: AHU/RTU

Asset: AHU107

AREA:MECH ROOM 1

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	H24J82791
Model Num	NA	CSAA017UAM00
Configuration	-	VERTICAL
Num PreFilter 1	-	N/A
PreFilter Size 1	-	N/A
Num PreFilter 2	-	N/A
PreFilter Size 2	-	N/A
Num Final Filter 1	-	2
Final Filter Size 1	-	20x20x2
Num Final Filter 2	-	4
Final Filter Size 2	-	24x20x2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	213T
Horsepower	-	7.5
Motor Rpm	-	1770
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	9.8
Service Factor	-	1.15

Test Data		
	Design	Actual
SF CFM	8050	
SF RPM	-	
RA CFM	-	
OA CFM	5000	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

Notes:  
NOT ABLE TO RUN; 1 MOTOR IS SEIZED, TRANE SERVICE SCHEDULED AUGUST 11TH

Written By: Mark Johnson on 07/29/2025

# National TAB

Project: Hyatt Continental Ballroom & Pre-function Reno  
(Orlando, FL)



## System/Unit: AHU/RTU

Asset: AHU108

AREA:

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	H24J82802
Model Num	NA	CSAA017UAM00
Configuration	-	VERTICAL
Num PreFilter 1	-	N/A
PreFilter Size 1	-	N/A
Num PreFilter 2	-	N/A
PreFilter Size 2	-	N/A
Num Final Filter 1	-	4
Final Filter Size 1	-	24x20x2
Num Final Filter 2	-	2
Final Filter Size 2	-	20x20x2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	-	3
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	6.6
Service Factor	-	1.15

Test Data		
	Design	Actual
SF CFM	7045	7048
SF RPM	-	1860
RA CFM	-	
OA CFM	5000	
Relief CFM	N/A	N/A
RL Voltage	-	300 VFD
RL Amperage	-	3.91 VFD
VFD Max SetPt	-	62 HZ
VFD Min SetPt	-	62 HZ
SF Motor Freq(HZ)	-	62 HZ
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	62 HZ
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

Notes:

SUPPLY TRAVERSE READINGS (FPM): 1374, 1405, 1345, 1263, 1327, 1254, 1343, 1291, 1277, 1257, 1123, 1069, 1156, 1130, 1171, 1116, 1073, 984, 1255, 1216, 1113, 1095, 1085, 999, 1414, 1280, 1285, 1268, 1222, 1103, 1457, 1456, 1529, 1488, 1515, 1423, 1419, 1450, 1469, 1561, 1500, 1388, 1337, 1397, 1420, 1461, 1504, 1320, 1338, 1362, 1414, 1471, 1415, 833, 1332, 1426, 1452, 1268, 1198, 781 (AVERAGE: 1294 FPM).

Written By: Mark Johnson on 08/01/2025

# National TAB

Project: Hyatt Continental Ballroom & Pre-function Reno  
(Orlando, FL)



## System/Unit: AHU/RTU

Asset: AHU109

AREA:

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	H24J82790
Model Num	NA	CSAA017UAM00
Configuration	-	VERTICAL
Num PreFilter 1	-	N/A
PreFilter Size 1	-	N/A
Num PreFilter 2	-	N/A
PreFilter Size 2	-	N/A
Num Final Filter 1	-	2
Final Filter Size 1	-	20x20x2
Num Final Filter 2	-	4
Final Filter Size 2	-	24x20x2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	213T
Horsepower	-	7.5
Motor Rpm	-	1770
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	9.8
Service Factor	-	1.15

Test Data		
	Design	Actual
SF CFM	8300	
SF RPM	-	
RA CFM	-	
OA CFM	5000	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

# National TAB

Project: Hyatt Continental Ballroom & Pre-function Reno  
(Orlando, FL)



## System/Unit: AHU/RTU

Asset: AHU110

AREA:MECH ROOM 1

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	H24J82810
Model Num	NA	CSAA025UAM00
Configuration	-	VERTICAL
Num PreFilter 1	-	N/A
PreFilter Size 1	-	N/A
Num PreFilter 2	-	N/A
PreFilter Size 2	-	N/A
Num Final Filter 1	-	6
Final Filter Size 1	-	24x20x2
Num Final Filter 2	-	3
Final Filter Size 2	-	24x12x2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	213T
Horsepower	-	7.5
Motor Rpm	-	1770
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	9.8
Service Factor	-	1.15

Test Data		
	Design	Actual
SF CFM	10800	
SF RPM	-	1620
RA CFM	N/A	N/A
OA CFM	10800	10651
Relief CFM	N/A	N/A
RL Voltage	-	237 VFD
RL Amperage	-	4.41 VFD
VFD Max SetPt	-	54 HZ
VFD Min SetPt	-	54 HZ
SF Motor Freq(HZ)	-	54 HZ
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	54 HZ
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

Notes:

SUPPLY TRAVERSE READINGS (FPM):

RETURN (OA) TRAVERSE READINGS (FPM): 942, 724, 1059, 1082, 1263, 1372, 1765, 1225, 1190, 1225, 1530, 1329, 990, 962, 1179, 1531, 760, 830, 1076, 1273, 760, 771, 1094, 997, 819, 885, 1048, 1223, 740, 725, 813, 710, 423, 309, 401, 327 (AVERAGE = 982 FPM).

Written By: Mark Johnson on 08/01/2025

# National TAB

Project: Hyatt Continental Ballroom & Pre-function Reno  
(Orlando, FL)



## System/Unit: AHU/RTU

Asset: AHU111

AREA:

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	H24J82819
Model Num	NA	CSAA025UAM00
Configuration	-	VERTICAL
Num PreFilter 1	-	N/A
PreFilter Size 1	-	N/A
Num PreFilter 2	-	N/A
PreFilter Size 2	-	N/A
Num Final Filter 1	-	3
Final Filter Size 1	-	24x12x2
Num Final Filter 2	-	6
Final Filter Size 2	-	24x20x2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	213T
Horsepower	-	7.5
Motor Rpm	-	1770
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	9.8
Service Factor	-	1.15

Test Data		
	Design	Actual
SF CFM	10800	
SF RPM	-	
RA CFM	N/A	N/A
OA CFM	10800	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

# National TAB

Project: Hyatt Continental Ballroom & Pre-function Reno  
(Orlando, FL)



## System/Unit: AHU/RTU

Asset: AHU112

AREA:MECH ROOM 1

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	H24J82834
Model Num	NA	CSAA012UAM00
Configuration	-	VERTICAL
Num PreFilter 1	-	N/A
PreFilter Size 1	-	N/A
Num PreFilter 2	-	N/A
PreFilter Size 2	-	N/A
Num Final Filter 1	-	2
Final Filter Size 1	-	24x12x2
Num Final Filter 2	-	3
Final Filter Size 2	-	20x20x2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	182T
Horsepower	-	5.0
Motor Rpm	-	3465
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	5.9
Service Factor	-	1.15

Test Data		
	Design	Actual
SF CFM	6100	5964
SF RPM	-	3234
RA CFM	-	5589
OA CFM	800	
Relief CFM	N/A	N/A
RL Voltage	-	370 VFD
RL Amperage	-	4.26 VFD
VFD Max SetPt	-	56 HZ
VFD Min SetPt	-	56 HZ
SF Motor Freq(HZ)	61 HZ	56 HZ
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	56 HZ
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	100%
Min OA Damper Position	-	N/A
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

Notes:

SUPPLY TRAVERSE READINGS (FPM): 1250, 1220, 1242, 1270, 1146, 1042, 1126, 1139, 1317, 1220, 1135, 1198, 1238, 1296, 1351, 1215, 1256, 1324, 1446, 1576, 1267, 1050, 1234, 1394, 1626. (AVERAGE = 1263 FPM).

RETURN TRAVERSE READINGS (FPM):

1173, 1203, 1191, 1179, 1209, 1306, 1319, 1299, 1178, 1029, 820, 922, 946, 962, 936, 670, 693, 738, 692, 741, 696, 690, 772, 728, 795, 1091, 1012, 973, 925, 1310, 1293, 1221, 1235, 1210, 1187, 1282, 1318, 1297, 1343, 1319. (AVERAGE = 1048 FPM).

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# National TAB

Project: Hyatt Continental Ballroom & Pre-function Reno  
(Orlando, FL)



## System/Unit: AHU/RTU

Asset: AHU113

AREA:

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	H24J82818
Model Num	NA	CSAA021UAM00
Configuration	-	VERTICAL
Num PreFilter 1	-	N/A
PreFilter Size 1	-	N/A
Num PreFilter 2	-	N/A
PreFilter Size 2	-	N/A
Num Final Filter 1	-	3
Final Filter Size 1	-	24x20x2
Num Final Filter 2	-	3
Final Filter Size 2	-	24x24x2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	213T
Horsepower	-	7.5
Motor Rpm	-	1770
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	9.8
Service Factor	-	1.15

Test Data		
	Design	Actual
SF CFM	9600	9417
SF RPM	-	2100
RA CFM	-	
OA CFM	800	
Relief CFM	N/A	N/A
RL Voltage	-	315 VFD
RL Amperage	-	5.85 VFD
VFD Max SetPt	-	70 HZ
VFD Min SetPt	-	70 HZ
SF Motor Freq(HZ)	-	70 HZ
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	70 HZ
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.99"
Fan Suction SP	-	-2.04"
Fan Discharge SP	-	0.81"
Total ESP	1.50"	1.80"
Fan Total SP	-	2.85"
Pre-Filter P.D.	N/A	N/A
Final Filters P.D.	-	0.29"
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

Notes:

SUPPLY TRAVERSE READINGS (FPM): 2131, 1966, 2120, 2133, 1946, 1987, 1652, 2207, 1914, 2179, 2055, 1798, 1932, 1844, 2048, 1898, 1991, 1978, 1857, 1812, 1715, 2032, 1770, 2023, 1915, 1703, 1906, 1825, 1874, 1854, 1934, 1895, 1634, 1835, 1846, 1842, 1739, 1924, 1900, 1498, 1890, 1748, 1946, 1908, 1968, 1840, 1318, 1777, 1782 (AVERAGE = 1883 FPM).

RETURN TRAVERSE READINGS (FPM):

Written By: Mark Johnson on 08/01/2025