

National TAB

Project: JP Morgan Chase (Pittsboro, NC)

System/Unit: Heat Pump



Asset: DOAS-1

AREA:

| Unit Data | | |
|--------------------|--------|-------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | ARND093DCR4 |
| Serial Num | - | |
| Type | - | |
| Configuration | - | |
| Num Filters Size 1 | - | 2 |
| Filter Size 1 | - | 25X20X2 |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 645 | |
| SFAN RPM | 1085 | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 0 | |
| OA CFM | 645 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | 1.0 | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

DOAS-1/

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| D1-1 | HP-2 | DUCT | 6 | 45 | | | - |
| D1-2 | HP-3 | DUCT | 6 | 25 | | | - |
| D1-3 | HP-1 | DUCT | 6 | 45 | | | - |
| D1-4 | 102 | K | 8 | 145 | | | - |
| D1-5 | HP-4 | DUCT | 6 | 70 | | | - |
| D1-6 | HP-5 | DUCT | 8 | 160 | | | - |
| D1-7 | HP-6 | DUCT | 6 | 60 | | | - |
| D1-8 | HP-7 | DUCT | 6 | 95 | | | - |
| Total | | | | 645 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: Heat Pump



Asset: AH-1

AREA:100

| Unit Data | | |
|--------------------|--------|------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | KNUJB121A |
| Serial Num | - | |
| Type | - | |
| Configuration | - | HORIZONTAL |
| Num Filters Size 1 | - | |
| Filter Size 1 | - | |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 370 | |
| SFAN RPM | - | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 370 | |
| OA CFM | 0 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | 0.24 | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

AH-1/100

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| A1-1 | 100 | K | 8 | 185 | | | - |
| A1-2 | 100 | K | 8 | 185 | | | - |
| Total | | | | 370 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: Heat Pump



Asset: HP-1

AREA:108

| Unit Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | ARNU183MAA4 |
| Serial Num | - | |
| Type | - | |
| Configuration | - | HORIZONTAL |
| Num Filters Size 1 | - | 2 |
| Filter Size 1 | - | 28X8.0625X0.1875 |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 600 | |
| SFAN RPM | - | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 555 | |
| OA CFM | 45 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | - | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

HP-1/108

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| H1-1 | 108 | L | 8 | 300 | | | - |
| H1-2 | 108 | L | 8 | 300 | | | - |
| Total | | | | 600 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: Heat Pump



Asset: HP-2

AREA:105

| Unit Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | ARNU243MAA4 |
| Serial Num | - | |
| Type | - | |
| Configuration | - | HORIZONTAL |
| Num Filters Size 1 | - | 2 |
| Filter Size 1 | - | 28X8.0625X0.1875 |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 810 | |
| SFAN RPM | - | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 765 | |
| OA CFM | 45 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | - | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

HP-2/105

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| H2-1 | 104 | G | 10 | 410 | | | - |
| H2-2 | 105 | N | 8 | 100 | | | - |
| H2-3 | 105 | N | 8 | 100 | | | - |
| H2-4 | 105 | N | 8 | 100 | | | - |
| H2-5 | 105 | N | 8 | 100 | | | - |
| Total | | | | 810 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: Heat Pump



Asset: HP-3

AREA:103

| Unit Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | ARNU093MAA4 |
| Serial Num | - | |
| Type | - | |
| Configuration | - | HORIZONTAL |
| Num Filters Size 1 | - | 2 |
| Filter Size 1 | - | 28X8.0625X0.1875 |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 315 | |
| SFAN RPM | - | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 290 | |
| OA CFM | 25 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | - | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

HP-3/103

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| H3-1 | 103 | G | 10 | 315 | | | - |
| Total | | | | 315 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: Heat Pump



Asset: HP-4

AREA:119

| Unit Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | ARNU183MAA4 |
| Serial Num | - | |
| Type | - | |
| Configuration | - | HORIZONTAL |
| Num Filters Size 1 | - | 2 |
| Filter Size 1 | - | 28X8.0625X0.1875 |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 600 | |
| SFAN RPM | - | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 530 | |
| OA CFM | 70 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | - | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

HP-4/119

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| H4-1 | 119 | B | 8 | 185 | | | - |
| H4-2 | 118 | J | 8 | 85 | | | - |
| H4-3 | 119 | B | 8 | 185 | | | - |
| H4-4 | 118 | J | 8 | 85 | | | - |
| H4-5 | 120 | A | 6 | 60 | | | - |
| Total | | | | 600 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: Heat Pump



Asset: HP-5

AREA:102

| Unit Data | | |
|--------------------|--------|-----------------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | ARNU363M2A4 |
| Serial Num | - | |
| Type | - | |
| Configuration | - | HORIZONTAL |
| Num Filters Size 1 | - | 2 |
| Filter Size 1 | - | 9.6875X23.9375X0.1875 |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 1130 | |
| SFAN RPM | - | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 970 | |
| OA CFM | 160 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | - | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

HP-5/102

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| H5-1 | 102 | K | 8 | 140 | | | - |
| H5-2 | 102 | K | 8 | 250 | | | - |
| H5-3 | 102 | K | 8 | 250 | | | - |
| H5-4 | 102 | K | 8 | 240 | | | - |
| H5-5 | 110 | K | 8 | 250 | | | - |
| Total | | | | 1130 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: Heat Pump



Asset: HP-6

AREA:112

| Unit Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | ARNU243MAA4 |
| Serial Num | - | |
| Type | - | |
| Configuration | - | HORIZONTAL |
| Num Filters Size 1 | - | 2 |
| Filter Size 1 | - | 28X8.0625X0.1875 |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 740 | |
| SFAN RPM | - | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 680 | |
| OA CFM | 60 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | - | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

HP-6/112

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| H6-1 | 112 | C | 10 | 290 | | | - |
| H6-2 | 111 | G | 10 | 225 | | | - |
| H6-3 | 109 | G | 10 | 225 | | | - |
| Total | | | | 740 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: Heat Pump



Asset: HP-7

AREA:116

| Unit Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| Unit MFG | LG | LG |
| Model Num | NA | ARNU243MAA4 |
| Serial Num | - | |
| Type | - | |
| Configuration | - | HORIZONTAL |
| Num Filters Size 1 | - | 2 |
| Filter Size 1 | - | 28X8.0625X0.1875 |

| Motor Data | | |
|----------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | 1 |
| Voltage | - | 208 |
| Amperage | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| SA CFM | 810 | |
| SFAN RPM | - | |
| Motor Speed Setpt | - | |
| Motor Frequency | - | |
| RL Voltage | 208 | |
| RL Amperage | - | |
| RA CFM | 715 | |
| OA CFM | 95 | |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | - | |

National TAB

Project:JP Morgan Chase (Pittsboro,NC)

Heat Pump



Diffuser Supply (GRD)

HP-7/116

| Asset | | | | | | | |
|------------|----------|------|------|------------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| H7-1 | 116 | B | 8 | 190 | | | - |
| H7-2 | 116 | B | 8 | 190 | | | - |
| H7-3 | 121 | B | 8 | 190 | | | - |
| H7-4 | 116 | B | 8 | 105 | | | - |
| H7-5 | 113 | A | 6 | 60 | | | - |
| H7-6 | 114 | A | 6 | 30 | | | - |
| H7-7 | 115 | A | 6 | 45 | | | - |
| Total | | | | 810 | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: FAN - Exhaust



Asset: EF-1

AREA:BUILDING EXHAUST

| Unit Data | | |
|------------|--------|--------|
| | Design | Actual |
| MFG | NA | NA |
| Model Num | NA | NA |
| Serial Num | - | |
| Type | - | |

| Motor Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | 0.25 |
| Motor Rpm | - | 1300 |
| Phase | - | 1 |
| Voltage (rated) | - | |
| Amperage (rated) | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| CFM | 350 | |
| Motor Frequency | - | |
| System SetPt | - | |
| RL Voltage | 120 | |
| RL Amperage | - | |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | 0.5 | |
| Brake Horse Power | - | |

National TAB
 Project:JP Morgan Chase (Pittsboro,NC)
FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-1/BUILDING EXHAUST

| Asset | | | | | | | | |
|------------|----------|------|------|------------|----|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | FINAL CFM | % to design |
| E1-1 | 115 | B | 8 | 75 | | | | - |
| E1-2 | 114 | B | 8 | 75 | | | | - |
| E1-3 | 116 | B | 8 | 150 | | | | - |
| E1-4 | 116A | C | 6 | 50 | | | | - |
| Total | | | | 350 | | 0 | 0 | 0% |

National TAB

Project: JP Morgan Chase (Pittsboro,NC)
System/Unit: FAN - Exhaust



Asset: EF-2

AREA:DATA ROOM

| Unit Data | | |
|------------|--------|--------|
| | Design | Actual |
| MFG | NA | NA |
| Model Num | NA | NA |
| Serial Num | - | |
| Type | - | |

| Motor Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | |
| Frame | - | |
| Horsepower | - | |
| Motor Rpm | - | |
| Phase | - | |
| Voltage (rated) | - | |
| Amperage (rated) | - | |
| Service Factor | - | |

| Test Data | | |
|-------------------|--------|--------|
| | Design | Actual |
| CFM | 500 | |
| Motor Frequency | - | |
| System SetPt | - | |
| RL Voltage | 120 | |
| RL Amperage | - | |
| Suction ESP | - | |
| Discharge ESP | - | |
| Total ESP | 0.1 | |
| Brake Horse Power | - | |