





# National TAB

**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

**Asset: AHU-3-1 SUPPLY**

| Asset        | Area Served | Type | Size | DESIGN CFM | Prelim CFM | FINAL CFM  | % to design |
|--------------|-------------|------|------|------------|------------|------------|-------------|
| 311-1        | 3-MS104     | SB   | 8    | 200        | 121        | 201        | 1.01        |
| 311-2        | 3-MS102     | SB   | 8    | 150        | 141        | 150        | 1.00        |
| 311-3        | 3-MS102     | SB   | 8    | 150        | 116        | 150        | 1.00        |
| 311-4        | 3-MS100     | SB   | 8    | 200        | 108        | 201        | 1.01        |
| 311-5        | 3-MS100     | SB   | 8    | 200        | 123        | 200        | 1.00        |
| <b>3-1-1</b> |             |      |      | <b>900</b> |            | <b>902</b> | <b>1.00</b> |
| 312-1        | 3-MS101     | SB   | 8    | 200        | 173        | 200        | 1.00        |
| <b>3-1-2</b> |             |      |      | <b>200</b> |            | <b>200</b> | <b>1.00</b> |
| 313-1        | 3-MS103     | SC   | 10   | 250        | 195        | 254        | 1.02        |
| 313-2        | 3-MS103     | SC   | 10   | 250        | 225        | 251        | 1.00        |
| <b>3-1-3</b> |             |      |      | <b>500</b> |            | <b>505</b> | <b>1.01</b> |
| 314-1        | 3-MS105     | SC   | 10   | 300        | 268        | 307        | 1.02        |
| <b>3-1-4</b> |             |      |      | <b>300</b> |            | <b>307</b> | <b>1.02</b> |
| 315-1        | 3-MS108     | SB   | 8    | 200        | 168        | 200        | 1.00        |
| <b>3-1-5</b> |             |      |      | <b>200</b> |            | <b>200</b> | <b>1.00</b> |
| 316-1        | 3-MS126     | SB   | 8    | 200        | 171        | 205        | 1.03        |
| 316-2        | 3-MS126     | SB   | 8    | 200        | 191        | 200        | 1.00        |
| <b>3-1-6</b> |             |      |      | <b>400</b> |            | <b>405</b> | <b>1.01</b> |
| 317-1        | 3-MS109     | SB   | 8    | 200        | 205        | 205        | 1.03        |
| 317-2        | 3-MS109     | SB   | 8    | 200        | 196        | 202        | 1.01        |
| <b>3-1-7</b> |             |      |      | <b>400</b> |            | <b>407</b> | <b>1.02</b> |
| 318-1        | 3-MS128     | SB   | 8    | 200        | 166        | 202        | 1.01        |
| 318-2        | 3-MS128     | SB   | 8    | 200        | 190        | 204        | 1.02        |
| <b>3-1-8</b> |             |      |      | <b>400</b> |            | <b>406</b> | <b>1.02</b> |



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**Address: 295 Midland Pkwy, Summerville, SC 29485**

**Asset: AHU-3-1 SUPPLY**

| Asset         | Area Served | Type | Size | DESIGN CFM | Prelim CFM | FINAL CFM  | % to design |
|---------------|-------------|------|------|------------|------------|------------|-------------|
| 3116-1        | 3-MS140     | SC   | 10   | 275        | 203        | 276        | 1.00        |
| 3116-2        | 3-MS140     | SC   | 10   | 275        | 201        | 273        | 0.99        |
| <b>3-1-16</b> |             |      |      | <b>550</b> |            | <b>549</b> | <b>1.00</b> |
| 3117-1        | 3-MS117     | SB   | 8    | 150        | 141        | 154        | 1.03        |
| 3117-2        | 3-MS117     | SB   | 8    | 150        | 123        | 150        | 1.00        |
| <b>3-1-17</b> |             |      |      | <b>300</b> |            | <b>304</b> | <b>1.01</b> |
| 3118-1        | 3-MS134     | SB   | 8    | 200        | 178        | 200        | 1.00        |
| 3118-2        | 3-MS134     | SB   | 8    | 200        | 181        | 206        | 1.03        |
| <b>3-1-18</b> |             |      |      | <b>400</b> |            | <b>406</b> | <b>1.02</b> |
| 3119-1        | 3-MS115     | SB   | 8    | 200        | 173        | 203        | 1.02        |
| 3119-2        | 3-MS115     | SB   | 8    | 200        | 196        | 202        | 1.01        |
| <b>3-1-19</b> |             |      |      | <b>400</b> |            | <b>405</b> | <b>1.01</b> |
| 3120-1        | 3-MS132     | SB   | 8    | 200        | 196        | 207        | 1.04        |
| 3120-2        | 3-MS132     | SB   | 8    | 200        | 179        | 202        | 1.01        |
| <b>3-1-20</b> |             |      |      | <b>400</b> |            | <b>409</b> | <b>1.02</b> |
| 3121-1        | 3-MS113     | SB   | 8    | 200        | 209        | 207        | 1.04        |
| 3121-2        | 3-MS113     | SB   | 8    | 200        | 192        | 202        | 1.01        |
| <b>3-1-21</b> |             |      |      | <b>400</b> |            | <b>409</b> | <b>1.02</b> |
| 3122-1        | 3-MS130     | SB   | 8    | 200        | 179        | 200        | 1.00        |
| 3122-2        | 3-MS130     | SB   | 8    | 200        | 184        | 204        | 1.02        |
| <b>3-1-22</b> |             |      |      | <b>400</b> |            | <b>404</b> | <b>1.01</b> |
| 3123-1        | 3-MS111     | SB   | 8    | 200        | 214        | 208        | 1.04        |
| 3123-2        | 3-MS111     | SB   | 8    | 200        | 198        | 204        | 1.02        |
| <b>3-1-23</b> |             |      |      | <b>400</b> |            | <b>412</b> | <b>1.03</b> |





**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

**Asset: AHU-3-1 VAV's**

| Asset  | Area Served | T-Stat Display | Actual Room Temp (db) | Actual Room Temp (wb) | Temp Differential |
|--------|-------------|----------------|-----------------------|-----------------------|-------------------|
| 3-2-1  | 3-MS197     | 68.5           | 69.1                  | 60.6                  | 0.6               |
| 3-2-2  | 3-MS199     | 66.5           | 65.5                  | 58.8                  | -1.0              |
| 3-2-3  | 3-MS194     | 67.5           | 67.5                  | 58.8                  | 0.0               |
| 3-2-4  | 3-MS177     | 70.0           | 67.8                  | 59.5                  | -2.2              |
| 3-2-5  | 3-MS192     | 68.0           | 67.6                  | 58.8                  | -0.4              |
| 3-2-6  | 3-MS190     | 67.0           | 67.3                  | 59.0                  | 0.3               |
| 3-2-7  | 3-MS175     | 63.5           | 62.7                  | 56.4                  | -0.8              |
| 3-2-8  | 3-MS163     | 61.5           | 62.1                  | 55.2                  | 0.6               |
| 3-2-9  | 3-MS188     | 67.0           | 67.2                  | 59.3                  | 0.2               |
| 3-2-10 | 3-MS180     | 70.0           | 69.5                  | 63.3                  | -0.5              |
| 3-2-11 | 3-MS178     | 69.0           | 68.2                  | 60.8                  | -0.8              |
| 3-2-12 | 3-MS170     | 66.0           | 64.3                  | 57.5                  | -1.7              |
| 3-2-13 | 3-MS182     | 68.0           | 67.7                  | 59.7                  | -0.3              |
| 3-2-14 | 3-MS184     | 66.5           | 66.8                  | 58.6                  | 0.3               |
| 3-2-15 | 3-MS172     | 64.5           | 63.1                  | 57.5                  | -1.4              |
| 3-2-16 | 3-MS186     | 67.5           | 67.4                  | 59.7                  | -0.1              |
| 3-2-17 | 3-MS156     | 68.0           | 67.5                  | 59.5                  | -0.5              |
| 3-2-18 | 3-MS168     | 60.5           | 61.3                  | 56.3                  | 0.8               |
| 3-2-19 | 3-MS158     | 66.0           | 65.6                  | 58.8                  | -0.4              |
| 3-2-20 | 3-MS154     | 67.0           | 66.8                  | 60.2                  | -0.2              |
| 3-2-21 | 3-MS152     | 67.5           | 67.1                  | 60.6                  | -0.4              |
| 3-2-22 | 3-MS167     | 68.5           | 65.7                  | 56.8                  | -2.8              |
| 3-2-23 | 3-MS166     | 64.0           | 63.6                  | 57.0                  | -0.4              |
| 3-2-24 | 3-MS159     | 65.0           | 65.0                  | 57.5                  | 0.0               |
| 3-2-25 | 3-MS144     | 68.5           | 68.1                  | 59.5                  | -0.4              |
| 3-2-26 | 3-MS161     | 64.5           | 65.3                  | 58.2                  | 0.8               |
| 3-2-27 | 3-MS146     | 68.0           | 67.6                  | 59.3                  | -0.4              |
| 3-2-28 | 3-MS164     | 64.5           | 64.6                  | 57.7                  | 0.1               |
| 3-2-29 | 3-MS148     | 68.0           | 67.5                  | 59.9                  | -0.5              |
| 3-2-30 | 3-MS150     | 67.5           | 67.3                  | 60.4                  | -0.2              |
| 3-2-31 | 3-MS165     | 59.0           | 57.5                  | 53.6                  | -1.5              |
|        |             |                |                       |                       |                   |
|        |             |                |                       |                       |                   |
|        |             |                |                       |                       |                   |
|        |             |                |                       |                       |                   |
|        |             |                |                       |                       |                   |







# National TAB

**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

Asset: SGRD

| Asset         | Area Served | Type | Size | DESIGN CFM | Prelim CFM | FINAL CFM  | % to design |
|---------------|-------------|------|------|------------|------------|------------|-------------|
| 3224-1        | 3-MS159     | SB   | 8    | 150        | 130        | 155        | 1.03        |
| <b>3-2-24</b> |             |      |      | <b>150</b> |            | <b>155</b> | <b>1.03</b> |
| 3225-1        | 3-MS144     | SB   | 8    | 200        | 169        | 200        | 1.00        |
| 3225-2        | 3-MS144     | SB   | 8    | 200        | 198        | 200        | 1.00        |
| <b>3-2-25</b> |             |      |      | <b>400</b> |            | <b>400</b> | <b>1.00</b> |
| 3226-1        | 3-MS161     | SB   | 8    | 150        | 160        | 150        | 1.00        |
| <b>3-2-26</b> |             |      |      | <b>150</b> |            | <b>150</b> | <b>1.00</b> |
| 3227-1        | 3-MS146     | SB   | 8    | 200        | 160        | 200        | 1.00        |
| 3227-2        | 3-MS146     | SB   | 8    | 200        | 200        | 200        | 1.00        |
| <b>3-2-27</b> |             |      |      | <b>400</b> |            | <b>400</b> | <b>1.00</b> |
| 3228-1        | 3-MS164     | SB   | 8    | 150        | 170        | 154        | 1.03        |
| 3228-2        | 3-MS164     | SB   | 8    | 150        | 143        | 152        | 1.01        |
| 3228-3        | 3-MS164     | SB   | 8    | 150        | 137        | 154        | 1.03        |
| 3228-4        | 3-MS164     | SB   | 8    | 150        | 132        | 153        | 1.02        |
| <b>3-2-28</b> |             |      |      | <b>600</b> |            | <b>613</b> | <b>1.02</b> |
| 3229-1        | 3-MS148     | SB   | 8    | 200        | 167        | 204        | 1.02        |
| 3229-2        | 3-MS148     | SB   | 8    | 200        | 176        | 208        | 1.04        |
| <b>3-2-29</b> |             |      |      | <b>400</b> |            | <b>412</b> | <b>1.03</b> |
| 3230-1        | 3-MS150     | SB   | 8    | 200        | 169        | 203        | 1.02        |
| 3230-2        | 3-MS150     | SB   | 8    | 200        | 207        | 206        | 1.03        |
| <b>3-2-30</b> |             |      |      | <b>400</b> |            | <b>409</b> | <b>1.02</b> |
| 3231-1        | 3-MS165     | SB   | 8    | 150        | 153        | 154        | 1.03        |
| 3231-2        | 3-MS165     | SB   | 8    | 150        | 136        | 151        | 1.01        |
| <b>3-2-31</b> |             |      |      | <b>300</b> |            | <b>305</b> | <b>1.02</b> |

# National TAB

**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

**Asset: AHU-3-2 RETURN- 3rd floor**

| Asset  | Area Served | Type | Size  | DESIGN CFM | Prelim CFM | FINAL CFM | % to design |
|--------|-------------|------|-------|------------|------------|-----------|-------------|
| R32-29 | 3-MS165     | RB   | 8     | 200        | 214        | 198       | 0.99        |
| R32-30 | 3-MS192     | RC   | 10    | 300        | 449        | 298       | 0.99        |
| R32-31 | 3-MS194     | RC   | 10    | 300        | 363        | 294       | 0.98        |
| R32-32 | 3-MS195     | RD   | 12    | 400        | 372        | 390       | 0.98        |
| R32-33 | 3-MS197     | RC   | 10    | 300        | 224        | 300       | 1.00        |
| R32-34 | 3-MS190     | RC   | 10    | 300        | 403        | 292       | 0.97        |
| R32-35 | 3-MS188     | RC   | 10    | 300        | 439        | 294       | 0.98        |
| R32-36 | 3-MS186     | RC   | 10    | 300        | 429        | 299       | 1.00        |
| R32-37 | 3-MS184     | RC   | 10    | 300        | 318        | 298       | 0.99        |
| R32-38 | 3-MS182     | RC   | 10    | 300        | 310        | 294       | 0.98        |
| R32-39 | 3-MS180     | RC   | 10    | 300        | 265        | 299       | 1.00        |
| R32-40 | 3-MS178     | RE   | 14    | 600        | 0          | 587       | 0.98        |
| R32-41 | 3-MS172     | RD   | 12    | 500        | 324        | 498       | 1.00        |
| R32-42 | 3-MS169     | SRA  | 8X6   | 100        | 71         | 98        | 0.98        |
| R32-43 | 3-MS111     | RC   | 10    | 250        | 144        | 247       | 0.99        |
| R32-44 | 3-MS166     | RB   | 8     | 150        | 65         | 146       | 0.97        |
| R32-45 | 3-MS167     | SRF  | 18X12 | 600        | 521        | 617       | 1.03        |
| R32-46 | 3-MS175     | RB   | 8     | 150        | 263        | 150       | 1.00        |
| R32-47 | 3-MS164     | RE   | 14    | 600        | 1463       | 596       | 0.99        |
| R32-48 | 3-MS163     | RB   | 8     | 150        | 317        | 150       | 1.00        |
| R32-49 | 3-MS161     | RB   | 8     | 150        | 200        | 147       | 0.98        |
| R32-50 | 3-MS177     | SRD  | 12X10 | 400        | 907        | 420       | 1.05        |
| R32-51 | 3-MS144     | RC   | 10    | 300        | 289        | 302       | 1.01        |
| R32-52 | 3-MS146     | RC   | 10    | 300        | 402        | 297       | 0.99        |
| R32-53 | 3-MS148     | RC   | 10    | 300        | 328        | 297       | 0.99        |
| R32-54 | 3-MS150     | RC   | 10    | 300        | 290        | 294       | 0.98        |
| R32-55 | 3-MS152     | RC   | 10    | 300        | 274        | 295       | 0.98        |
| R32-56 | 3-MS154     | RC   | 10    | 300        | 296        | 298       | 0.99        |
| R32-57 | 3-MS156     | RC   | 10    | 300        | 303        | 299       | 1.00        |
| R32-58 | 3-MS158     | RE   | 14    | 600        | 0          | 607       | 1.01        |
| R32-59 | 3-MS168     | SRF  | 18X12 | 800        | 660        | 809       | 1.01        |
|        |             |      |       |            |            |           |             |

# National TAB

**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

Asset: EF-31-1

Area: GENERAL EXHAUST FLOOR 3

| Unit Data  |             |
|------------|-------------|
| MFG        | ACME FAN    |
| Model Num  | 3012H CL/1  |
| Serial Num | 23K1767-7   |
| Type       | UTILITY SET |

| Motor Data       |        |
|------------------|--------|
| Motor MFG        | BALDOR |
| Frame            | 56     |
| Horsepower       | 1      |
| Motor Rpm        | 1770   |
| Phase            | 3      |
| Voltage (rated)  | 460    |
| Amperage (rated) | 1.6    |
| Service Factor   | 1.15   |

There is no remaining horsepower to resheave

| Drive Data        |        |
|-------------------|--------|
| Motor Sheave Size | MVL40B |
| Motor Bore Size   | 0.625" |
| Fan Sheave Size   | BK30H  |
| Fan Bore Size     | 1.1875 |
| Belt CL Distance  | 11.5   |
| No of Belts       | 1      |
| Belt Size         | AX31   |

| Test Data         |        |             |
|-------------------|--------|-------------|
|                   | Design | Actual      |
| CFM               | 1500   | 1280        |
| Fan RPM           | 2254   | 2308        |
| RL Voltage        | 460    | 477/478/477 |
| RL Amperage       | 1.6    | 1.6/1.6/1.5 |
| Discharge ESP     |        | 0.89        |
| Suction ESP       |        | -0.44       |
| Total ESP         | 2.00   | 1.33        |
| Brake Horse Power | 0.808  | 0.98        |



# National TAB

**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

Asset: IEF-31-3

Area: ISOLATION EXHAUST FLOOR 3

| Unit Data  |             |
|------------|-------------|
| MFG        | ACME FAN    |
| Model Num  | 8115 CL/1   |
| Serial Num | 23K1767-14  |
| Type       | UTILITY SET |

| Motor Data       |        |
|------------------|--------|
| Motor MFG        | BALDOR |
| Frame            | 143T   |
| Horsepower       | 1      |
| Motor Rpm        | 1770   |
| Phase            | 3      |
| Voltage (rated)  | 460    |
| Amperage (rated) | 1.6    |
| Service Factor   | 1.15   |

| Drive Data        |         |
|-------------------|---------|
| Motor Sheave Size | MVL44B  |
| Motor Bore Size   | 0.875"  |
| Fan Sheave Size   | AK39H   |
| Fan Bore Size     | 1.1875" |
| Belt CL Distance  | 12"     |
| No of Belts       | 1       |
| Belt Size         | A33     |

| Test Data         |        |             |
|-------------------|--------|-------------|
|                   | Design | Actual      |
| CFM               | 700    | 1146        |
| Fan RPM           | 1579   | 1564        |
| RL Voltage        | 460    | 478/478/477 |
| RL Amperage       | 1.6    | 1.5/1.4/1.6 |
| Discharge ESP     |        | 0.75        |
| Suction ESP       |        | 0.65        |
| Total ESP         | 2.00   | 1.40        |
| Brake Horse Power | 0.417  | 0.94        |

| Asset        | Area Served | Type | Size  | DESIGN     | CFM(1) | FINAL CFM   | % to design |
|--------------|-------------|------|-------|------------|--------|-------------|-------------|
| E313-1       | 3-MS141     | EBB  | 8     | 100        | 240    | 156         | 1.56        |
| E313-2       | 3-MS140     | EJ   | 22X10 | 600        | 852    | 990         | 1.65        |
| <b>TOTAL</b> |             |      |       | <b>700</b> |        | <b>1146</b> | <b>1.64</b> |
|              |             |      |       |            |        |             |             |
|              |             |      |       |            |        |             |             |

Fan will be resheaved to meet design CFM. New sheave and belt has been ordered

# National TAB

**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

Asset: IEF-31-4

Area: ISOLATION EXHAUST FLOOR 3

| Unit Data  |             |
|------------|-------------|
| MFG        | ACME FAN    |
| Model Num  | 8115 CL/1   |
| Serial Num | 23K1767-14  |
| Type       | UTILITY SET |

| Motor Data       |        |
|------------------|--------|
| Motor MFG        | BALDOR |
| Frame            | 143T   |
| Horsepower       | 1      |
| Motor Rpm        | 1770   |
| Phase            | 3      |
| Voltage (rated)  | 460    |
| Amperage (rated) | 1.6    |
| Service Factor   | 1.15   |

| Drive Data        |         |
|-------------------|---------|
| Motor Sheave Size | MVL44B  |
| Motor Bore Size   | 0.875"  |
| Fan Sheave Size   | AK39H   |
| Fan Bore Size     | 1.1875" |
| Belt CL Distance  | 12"     |
| No of Belts       | 1       |
| Belt Size         | A33     |

| Test Data         |        |             |
|-------------------|--------|-------------|
|                   | Design | Actual      |
| CFM               | 700    | 1123        |
| Fan RPM           | 1579   | 1564        |
| RL Voltage        | 460    | 478/477/476 |
| RL Amperage       | 1.6    | 1.5/1.6/1.4 |
| Discharge ESP     |        | 0.68        |
| Suction ESP       |        | 0.70        |
| Total ESP         | 2.00   | 1.38        |
| Brake Horse Power | 0.417  | 0.94        |

| Asset        | Area Served | Type | Size  | DESIGN     | CFM(1) | FINAL CFM   | % to design |
|--------------|-------------|------|-------|------------|--------|-------------|-------------|
| E314-1       | 3-MS143     | EBB  | 8     | 100        | 327    | 163         | 1.63        |
| E314-2       | 3-MS142     | EJ   | 22X10 | 600        | 811    | 960         | 1.60        |
| <b>TOTAL</b> |             |      |       | <b>700</b> |        | <b>1123</b> | <b>1.60</b> |
|              |             |      |       |            |        |             |             |
|              |             |      |       |            |        |             |             |

Fan will be resheaved to meet design CFM. New sheave and belt has been ordered

# National TAB

**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

Asset: EF-32-1

Area: GENERAL EXHAUST FLOORS 3 & 4

| Unit Data  |             |
|------------|-------------|
| MFG        | ACME FAN    |
| Model Num  | 8118 CL/1   |
| Serial Num | 23k1767-11  |
| Type       | UTILITY SET |

| Motor Data       |        |
|------------------|--------|
| Motor MFG        | BALDOR |
| Frame            | 145T   |
| Horsepower       | 1.5    |
| Motor Rpm        | 1770   |
| Phase            | 3      |
| Voltage (rated)  | 460    |
| Amperage (rated) | 2.3    |
| Service Factor   | 1.15   |

| Drive Data        |           |
|-------------------|-----------|
| Motor Sheave Size | MVL40X7/8 |
| Motor Bore Size   | 0.875     |
| Fan Sheave Size   | AK41H     |
| Fan Bore Size     | 1.4375"   |
| Belt CL Distance  | 13.5      |
| No of Belts       | 1         |
| Belt Size         | A36       |

| Test Data         |        |             |
|-------------------|--------|-------------|
|                   | Design | Actual      |
| CFM               | 2100   | 2032        |
| Fan RPM           | 1400   | 1362        |
| RL Voltage        | 460    | 479/478/479 |
| RL Amperage       | 2.3    | 2.3/2.3/2.2 |
| Discharge ESP     |        | 0.54        |
| Suction ESP       |        | -0.75       |
| Total ESP         | 2.00   | 1.29        |
| Brake Horse Power | 0.879  | 0.99        |

NOTE: CONNECTED LOAD IS 4000 CFM



# National TAB

**Project: Trident RMC - Summerville Vert Exp**  
**Address: 295 Midland Pkwy, Summerville, SC 29485**

Asset: IEF-32-2

Area: ISOLATION EXHAUST FLOOR 3

| Unit Data  |             |
|------------|-------------|
| MFG        | ACME FAN    |
| Model Num  | 8115 CL/1   |
| Serial Num | 23K1767-14  |
| Type       | UTILITY SET |

| Motor Data       |        |
|------------------|--------|
| Motor MFG        | BALDOR |
| Frame            | 143T   |
| Horsepower       | 1      |
| Motor Rpm        | 1770   |
| Phase            | 3      |
| Voltage (rated)  | 460    |
| Amperage (rated) | 1.6    |
| Service Factor   | 1.15   |

| Drive Data        |         |
|-------------------|---------|
| Motor Sheave Size | MVL44   |
| Motor Bore Size   | 0.875"  |
| Fan Sheave Size   | AK39H   |
| Fan Bore Size     | 1.1875" |
| Belt CL Distance  | 12"     |
| No of Belts       | 1       |
| Belt Size         | A33     |

| Test Data         |        |             |
|-------------------|--------|-------------|
|                   | Design | Actual      |
| CFM               | 600    | 1144        |
| Fan RPM           | 1575   | 1560        |
| RL Voltage        | 460    | 477/478/479 |
| RL Amperage       | 1.6    | 1.3/1.4/1.5 |
| Discharge ESP     |        | 0.61        |
| Suction ESP       |        | -0.63       |
| Total ESP         | 2.00   | 1.24        |
| Brake Horse Power | 0.39   | 0.875       |

| Asset        | Area Served | Type | Size  | DESIGN     | CFM(1) | FINAL CFM   | % to design |
|--------------|-------------|------|-------|------------|--------|-------------|-------------|
| E322-1       | 3-MS198     | EBB  | 8     | 100        | 632    | 191         | 1.91        |
| E322-2       | 3-MS199     | EJ   | 22X10 | 500        | 567    | 953         | 1.91        |
| <b>TOTAL</b> |             |      |       | <b>600</b> |        | <b>1144</b> | <b>1.91</b> |
|              |             |      |       |            |        |             |             |
|              |             |      |       |            |        |             |             |

Fan will be resheaved to meet design CFM. New sheave and belt has been ordered

