

MATERIAL TAKEOFF AND ESTIMATE STATEMENT

Date:
Project:
Project Location:

SUBMITTED BY:

Sub Contractor's Company

Street Address
State address
Phone
Email
website link

| Summary | Amount |
|-----------------|--------------|
| Subtotal | \$ 860,302 |
| Profit/Overhead | \$ 215,076 |
| Total | \$ 1,075,378 |

| | |
|--------------------------|----------------|
| LABOR RATE | \$ 85.0 |
| TOTAL LABOR HOURS | 3,960 |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|--------|------------|--------|----------|--|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| | | | DIV-23 | HEATING, VENTILATION AND AIR CONDITIONING | | | | | | | | | | | | \$ 860,302 |
| | | | | AIR DISTRIBUTION (DUCTWORK) | | | | | | | | | | | | |
| | | | | SUPPLY AIR DUCTWORK | | | | | | | | | | | | |
| 1 | | | | 6" Dia Round Supply Air Ductwork-Flexible | 146 | 10% | 161 | LF | 0.117 | 18.8 | \$ 85.0 | \$ 1,594.3 | \$ 5.36 | \$ 862.8 | \$ 2,457 | |
| 2 | | | | 8" Dia Round Supply Air Ductwork-Flexible | 166 | 10% | 183 | LF | 0.139 | 25.5 | \$ 85.0 | \$ 2,168.4 | \$ 6.41 | \$ 1,173.5 | \$ 3,342 | |
| 3 | | | | 10" Dia Round Supply Air Ductwork-Flexible | 77 | 10% | 85 | LF | 0.168 | 14.3 | \$ 85.0 | \$ 1,212.4 | \$ 7.72 | \$ 656.1 | \$ 1,868 | |
| 4 | | | | 12" Dia Round Supply Air Ductwork-Flexible | 13 | 10% | 15 | LF | 0.203 | 3.0 | \$ 85.0 | \$ 259.1 | \$ 9.35 | \$ 140.2 | \$ 399 | |
| 5 | | | | 16" Dia Round Supply Air Ductwork-Flexible | 5 | 10% | 6 | LF | 0.263 | 1.6 | \$ 85.0 | \$ 134.1 | \$ 12.10 | \$ 72.6 | \$ 207 | |
| 6 | | | | 6" Dia Round Supply Air Ductwork | 375 | 10% | 413 | LF | 0.132 | 54.5 | \$ 85.0 | \$ 4,633.9 | \$ 6.07 | \$ 2,507.7 | \$ 7,142 | |
| 7 | | | | 8" Dia Round Supply Air Ductwork | 760 | 10% | 836 | LF | 0.162 | 135.3 | \$ 85.0 | \$ 11,497.5 | \$ 7.44 | \$ 6,222.2 | \$ 17,720 | |
| 8 | | | | 10" Dia Round Supply Air Ductwork | 300 | 10% | 330 | LF | 0.197 | 65.0 | \$ 85.0 | \$ 5,525.9 | \$ 9.06 | \$ 2,990.5 | \$ 8,516 | |
| 9 | | | | 12" Dia Round Supply Air Ductwork | 37 | 10% | 41 | LF | 0.234 | 9.6 | \$ 85.0 | \$ 814.8 | \$ 10.75 | \$ 440.9 | \$ 1,256 | |
| 10 | | | | 14" Dia Round Supply Air Ductwork | 5 | 10% | 6 | LF | 0.275 | 1.7 | \$ 85.0 | \$ 140.5 | \$ 12.67 | \$ 76.0 | \$ 216 | |
| 11 | | | | 16" Dia Round Supply Air Ductwork | 5 | 10% | 6 | LF | 0.323 | 1.9 | \$ 85.0 | \$ 164.7 | \$ 14.86 | \$ 89.1 | \$ 254 | |
| 12 | | | | 8" X 6" Rectangular Supply Air Ductwork | 39 | 10% | 43 | LF | 0.168 | 7.2 | \$ 85.0 | \$ 614.0 | \$ 7.73 | \$ 332.3 | \$ 946 | |
| 13 | | | | 8" X 8" Rectangular Supply Air Ductwork | 117 | 10% | 129 | LF | 0.172 | 22.2 | \$ 85.0 | \$ 1,886.0 | \$ 7.91 | \$ 1,020.6 | \$ 2,907 | |
| 14 | | | | 10" X 10" Rectangular Supply Air Ductwork | 128 | 10% | 141 | LF | 0.204 | 28.8 | \$ 85.0 | \$ 2,444.9 | \$ 9.38 | \$ 1,323.1 | \$ 3,768 | |
| 15 | | | | 10" X 6" Rectangular Supply Air Ductwork | 35 | 10% | 39 | LF | 0.200 | 7.8 | \$ 85.0 | \$ 663.0 | \$ 9.20 | \$ 358.8 | \$ 1,022 | |
| 16 | | | | 10" X 8" Rectangular Supply Air Ductwork | 40 | 10% | 44 | LF | 0.202 | 8.9 | \$ 85.0 | \$ 755.5 | \$ 9.29 | \$ 408.8 | \$ 1,164 | |
| 17 | | | | 12" X 6" Rectangular Supply Air Ductwork | 9 | 10% | 10 | LF | 0.238 | 2.4 | \$ 85.0 | \$ 202.3 | \$ 10.95 | \$ 109.5 | \$ 312 | |
| 18 | | | | 12" X 10" Rectangular Supply Air Ductwork | 172 | 10% | 190 | LF | 0.241 | 45.8 | \$ 85.0 | \$ 3,892.2 | \$ 11.09 | \$ 2,106.3 | \$ 5,998 | |
| 19 | | | | 12" X 12" Rectangular Supply Air Ductwork | 86 | 10% | 95 | LF | 0.245 | 23.2 | \$ 85.0 | \$ 1,975.1 | \$ 11.25 | \$ 1,068.9 | \$ 3,044 | |
| 20 | | | | 12" X 8" Rectangular Supply Air Ductwork | 26 | 10% | 29 | LF | 0.238 | 6.9 | \$ 85.0 | \$ 586.2 | \$ 10.94 | \$ 317.2 | \$ 903 | |
| 21 | | | | 14" X 10" Rectangular Supply Air Ductwork | 32 | 10% | 36 | LF | 0.289 | 10.4 | \$ 85.0 | \$ 884.3 | \$ 13.29 | \$ 478.6 | \$ 1,363 | |
| 22 | | | | 14" X 12" Rectangular Supply Air Ductwork | 50 | 10% | 55 | LF | 0.292 | 16.1 | \$ 85.0 | \$ 1,365.1 | \$ 13.43 | \$ 738.8 | \$ 2,104 | |
| 23 | | | | 14" X 14" Rectangular Supply Air Ductwork | 8 | 10% | 9 | LF | 0.295 | 2.7 | \$ 85.0 | \$ 225.4 | \$ 13.55 | \$ 122.0 | \$ 347 | |
| 24 | | | | 16" X 10" Rectangular Supply Air Ductwork | 32 | 10% | 36 | LF | 0.323 | 11.6 | \$ 85.0 | \$ 988.4 | \$ 14.86 | \$ 534.9 | \$ 1,523 | |
| 25 | | | | 16" X 12" Rectangular Supply Air Ductwork | 60 | 10% | 66 | LF | 0.325 | 21.5 | \$ 85.0 | \$ 1,825.5 | \$ 14.97 | \$ 987.9 | \$ 2,813 | |
| 26 | | | | 18" X 10" Rectangular Supply Air Ductwork | 25 | 10% | 28 | LF | 0.369 | 10.3 | \$ 85.0 | \$ 877.3 | \$ 16.96 | \$ 474.8 | \$ 1,352 | |
| 27 | | | | 18" X 12" Rectangular Supply Air Ductwork | 37 | 10% | 41 | LF | 0.370 | 15.2 | \$ 85.0 | \$ 1,289.1 | \$ 17.02 | \$ 697.6 | \$ 1,987 | |
| 28 | | | | 18" X 14" Rectangular Supply Air Ductwork | 30 | 10% | 33 | LF | 0.373 | 12.3 | \$ 85.0 | \$ 1,044.9 | \$ 17.14 | \$ 565.5 | \$ 1,610 | |
| 29 | | | | 18" X 16" Rectangular Supply Air Ductwork | 10 | 10% | 11 | LF | 0.375 | 4.1 | \$ 85.0 | \$ 351.0 | \$ 17.27 | \$ 190.0 | \$ 541 | |
| 30 | | | | 18" X 18" Rectangular Supply Air Ductwork | 10 | 10% | 11 | LF | 0.378 | 4.2 | \$ 85.0 | \$ 353.8 | \$ 17.41 | \$ 191.5 | \$ 545 | |
| 31 | | | | 20" X 12" Rectangular Supply Air Ductwork | 15 | 10% | 17 | LF | 0.413 | 7.0 | \$ 85.0 | \$ 597.1 | \$ 19.01 | \$ 323.1 | \$ 920 | |
| 32 | | | | 20" X 16" Rectangular Supply Air Ductwork | 12 | 10% | 14 | LF | 0.415 | 5.8 | \$ 85.0 | \$ 493.6 | \$ 19.08 | \$ 267.1 | \$ 761 | |
| 33 | | | | 20" X 20" Rectangular Supply Air Ductwork | 9 | 10% | 10 | LF | 0.424 | 4.2 | \$ 85.0 | \$ 360.1 | \$ 19.49 | \$ 194.9 | \$ 555 | |
| 34 | | | | 22" X 12" Rectangular Supply Air Ductwork | 72 | 10% | 80 | LF | 0.458 | 36.6 | \$ 85.0 | \$ 3,113.0 | \$ 21.06 | \$ 1,684.7 | \$ 4,798 | |
| 35 | | | | 22" X 14" Rectangular Supply Air Ductwork | 21 | 10% | 24 | LF | 0.460 | 11.0 | \$ 85.0 | \$ 938.4 | \$ 21.16 | \$ 507.8 | \$ 1,446 | |
| 36 | | | | 22" X 18" Rectangular Supply Air Ductwork | 31 | 10% | 35 | LF | 0.469 | 16.4 | \$ 85.0 | \$ 1,394.1 | \$ 21.56 | \$ 754.4 | \$ 2,149 | |
| 37 | | | | 22" X 20" Rectangular Supply Air Ductwork | 11 | 10% | 13 | LF | 0.472 | 6.1 | \$ 85.0 | \$ 521.6 | \$ 21.71 | \$ 282.3 | \$ 804 | |
| 38 | | | | 24" X 18" Rectangular Supply Air Ductwork | 19 | 10% | 21 | LF | 0.524 | 11.0 | \$ 85.0 | \$ 934.4 | \$ 24.08 | \$ 505.7 | \$ 1,440 | |
| 39 | | | | 26" X 10" Rectangular Supply Air Ductwork | 10 | 10% | 11 | LF | 0.556 | 6.1 | \$ 85.0 | \$ 519.9 | \$ 25.58 | \$ 281.3 | \$ 801 | |
| 40 | | | | 26" X 12" Rectangular Supply Air Ductwork | 16 | 10% | 18 | LF | 0.559 | 10.1 | \$ 85.0 | \$ 855.9 | \$ 25.73 | \$ 463.2 | \$ 1,319 | |
| 41 | | | | 26" X 14" Rectangular Supply Air Ductwork | 36 | 10% | 40 | LF | 0.563 | 22.5 | \$ 85.0 | \$ 1,915.6 | \$ 25.92 | \$ 1,036.7 | \$ 2,952 | |
| 42 | | | | 26" X 18" Rectangular Supply Air Ductwork | 7 | 10% | 8 | LF | 0.572 | 4.6 | \$ 85.0 | \$ 389.0 | \$ 26.31 | \$ 210.5 | \$ 599 | |
| 43 | | | | 28" X 12" Rectangular Supply Air Ductwork | 12 | 10% | 14 | LF | 0.596 | 8.3 | \$ 85.0 | \$ 709.2 | \$ 27.42 | \$ 383.8 | \$ 1,093 | |
| 44 | | | | 28" X 20" Rectangular Supply Air Ductwork | 58 | 10% | 64 | LF | 0.604 | 38.6 | \$ 85.0 | \$ 3,284.7 | \$ 27.77 | \$ 1,777.6 | \$ 5,062 | |
| 45 | | | | 32" X 18" Rectangular Supply Air Ductwork | 35 | 10% | 39 | LF | 0.649 | 25.3 | \$ 85.0 | \$ 2,150.1 | \$ 29.84 | \$ 1,163.6 | \$ 3,314 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|--------|------------|--------|----------|--|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 46 | | | | 34" X 12" Rectangular Supply Air Ductwork | 7 | 10% | 8 | LF | 0.687 | 5.5 | \$ 85.0 | \$ 467.2 | \$ 31.60 | \$ 252.8 | \$ 720 | |
| 47 | | | | 34" X 14" Rectangular Supply Air Ductwork | 36 | 10% | 40 | LF | 0.690 | 27.6 | \$ 85.0 | \$ 2,344.6 | \$ 31.72 | \$ 1,268.9 | \$ 3,614 | |
| 48 | | | | 34" X 18" Rectangular Supply Air Ductwork | 15 | 10% | 17 | LF | 0.693 | 11.8 | \$ 85.0 | \$ 1,002.0 | \$ 31.90 | \$ 542.2 | \$ 1,544 | |
| 49 | | | | 34" X 20" Rectangular Supply Air Ductwork | 10 | 10% | 11 | LF | 0.702 | 7.7 | \$ 85.0 | \$ 656.4 | \$ 32.29 | \$ 355.2 | \$ 1,012 | |
| 50 | | | | 36" X 16" Rectangular Supply Air Ductwork | 39 | 10% | 43 | LF | 0.743 | 31.9 | \$ 85.0 | \$ 2,715.7 | \$ 34.18 | \$ 1,469.7 | \$ 4,185 | |
| 51 | | | | 38" X 18" Rectangular Supply Air Ductwork | 81 | 10% | 90 | LF | 0.780 | 70.2 | \$ 85.0 | \$ 5,963.9 | \$ 35.86 | \$ 3,227.5 | \$ 9,191 | |
| 52 | | | | 38" X 20" Rectangular Supply Air Ductwork | 40 | 10% | 44 | LF | 0.823 | 36.2 | \$ 85.0 | \$ 3,079.5 | \$ 37.88 | \$ 1,666.6 | \$ 4,746 | |
| | | | | RETURN AIR DUCTWORK | | | | | | | | | | | | |
| 53 | | | | 6" X 6" Rectangular Return Air Ductwork | 88 | 10% | 97 | LF | 0.139 | 13.5 | \$ 85.0 | \$ 1,149.4 | \$ 6.41 | \$ 622.0 | \$ 1,771 | |
| 54 | | | | 8" X 6" Rectangular Return Air Ductwork | 96 | 10% | 106 | LF | 0.168 | 17.8 | \$ 85.0 | \$ 1,513.7 | \$ 7.73 | \$ 819.2 | \$ 2,333 | |
| 55 | | | | 8" X 8" Rectangular Return Air Ductwork | 7 | 10% | 8 | LF | 0.172 | 1.4 | \$ 85.0 | \$ 117.0 | \$ 7.91 | \$ 63.3 | \$ 180 | |
| 56 | | | | 10" X 6" Rectangular Return Air Ductwork | 120 | 10% | 132 | LF | 0.200 | 26.4 | \$ 85.0 | \$ 2,244.0 | \$ 9.20 | \$ 1,214.4 | \$ 3,458 | |
| 57 | | | | 10" X 8" Rectangular Return Air Ductwork | 48 | 10% | 53 | LF | 0.202 | 10.7 | \$ 85.0 | \$ 910.0 | \$ 9.29 | \$ 492.5 | \$ 1,402 | |
| 58 | | | | 10" X 10" Rectangular Return Air Ductwork | 2 | 10% | 3 | LF | 0.204 | 0.6 | \$ 85.0 | \$ 52.0 | \$ 9.38 | \$ 28.2 | \$ 80 | |
| 59 | | | | 12" X 6" Rectangular Return Air Ductwork | 62 | 10% | 69 | LF | 0.238 | 16.4 | \$ 85.0 | \$ 1,395.9 | \$ 10.95 | \$ 755.4 | \$ 2,151 | |
| 60 | | | | 12" X 8" Rectangular Return Air Ductwork | 9 | 10% | 10 | LF | 0.240 | 2.4 | \$ 85.0 | \$ 204.0 | \$ 11.04 | \$ 110.4 | \$ 314 | |
| 61 | | | | 12" X 10" Rectangular Return Air Ductwork | 23 | 10% | 26 | LF | 0.241 | 6.3 | \$ 85.0 | \$ 532.6 | \$ 11.09 | \$ 288.2 | \$ 821 | |
| 62 | | | | 14" X 10" Rectangular Return Air Ductwork | 16 | 10% | 18 | LF | 0.289 | 5.2 | \$ 85.0 | \$ 442.2 | \$ 13.29 | \$ 239.3 | \$ 681 | |
| 63 | | | | 14" X 12" Rectangular Return Air Ductwork | 13 | 10% | 15 | LF | 0.292 | 4.4 | \$ 85.0 | \$ 372.3 | \$ 13.43 | \$ 201.5 | \$ 574 | |
| 64 | | | | 14" X 8" Rectangular Return Air Ductwork | 23 | 10% | 26 | LF | 0.288 | 7.5 | \$ 85.0 | \$ 635.4 | \$ 13.23 | \$ 343.9 | \$ 979 | |
| 65 | | | | 16" X 10" Rectangular Return Air Ductwork | 38 | 10% | 42 | LF | 0.323 | 13.6 | \$ 85.0 | \$ 1,153.1 | \$ 14.86 | \$ 624.0 | \$ 1,777 | |
| 66 | | | | 16" X 12" Rectangular Return Air Ductwork | 34 | 10% | 38 | LF | 0.325 | 12.4 | \$ 85.0 | \$ 1,051.0 | \$ 14.97 | \$ 568.8 | \$ 1,620 | |
| 67 | | | | 18" X 10" Rectangular Return Air Ductwork | 38 | 10% | 42 | LF | 0.369 | 15.5 | \$ 85.0 | \$ 1,315.9 | \$ 16.96 | \$ 712.1 | \$ 2,028 | |
| 68 | | | | 18" X 12" Rectangular Return Air Ductwork | 21 | 10% | 24 | LF | 0.370 | 8.9 | \$ 85.0 | \$ 754.6 | \$ 17.02 | \$ 408.4 | \$ 1,163 | |
| 69 | | | | 20" X 12" Rectangular Return Air Ductwork | 41 | 10% | 46 | LF | 0.413 | 19.0 | \$ 85.0 | \$ 1,615.6 | \$ 19.01 | \$ 874.3 | \$ 2,490 | |
| 70 | | | | 20" X 14" Rectangular Return Air Ductwork | 21 | 10% | 24 | LF | 0.414 | 9.9 | \$ 85.0 | \$ 844.6 | \$ 19.04 | \$ 457.1 | \$ 1,302 | |
| 71 | | | | 20" X 16" Rectangular Return Air Ductwork | 105 | 10% | 116 | LF | 0.415 | 48.1 | \$ 85.0 | \$ 4,089.9 | \$ 19.08 | \$ 2,213.4 | \$ 6,303 | |
| 72 | | | | 22" X 12" Rectangular Return Air Ductwork | 68 | 10% | 75 | LF | 0.458 | 34.3 | \$ 85.0 | \$ 2,918.5 | \$ 21.06 | \$ 1,579.4 | \$ 4,498 | |
| 73 | | | | 22" X 14" Rectangular Return Air Ductwork | 69 | 10% | 76 | LF | 0.460 | 35.0 | \$ 85.0 | \$ 2,971.6 | \$ 21.16 | \$ 1,608.2 | \$ 4,580 | |
| 74 | | | | 24" X 12" Rectangular Return Air Ductwork | 45 | 10% | 50 | LF | 0.516 | 25.8 | \$ 85.0 | \$ 2,191.3 | \$ 23.72 | \$ 1,185.9 | \$ 3,377 | |
| 75 | | | | 28" X 12" Rectangular Return Air Ductwork | 12 | 10% | 14 | LF | 0.596 | 8.3 | \$ 85.0 | \$ 709.2 | \$ 27.42 | \$ 383.8 | \$ 1,093 | |
| 76 | | | | 30" X 14" Rectangular Return Air Ductwork | 107 | 10% | 118 | LF | 0.623 | 73.5 | \$ 85.0 | \$ 6,248.7 | \$ 28.66 | \$ 3,381.6 | \$ 9,630 | |
| 77 | | | | 34" X 14" Rectangular Return Air Ductwork | 131 | 10% | 145 | LF | 0.690 | 100.0 | \$ 85.0 | \$ 8,499.3 | \$ 31.72 | \$ 4,599.6 | \$ 13,099 | |
| | | | | EXHAUST AIR DUCTWORK | | | | | | | | | | | | |
| 78 | | | | 6" X 6" Rectangular Exhaust Air Ductwork | 255 | 10% | 281 | LF | 0.139 | 39.2 | \$ 85.0 | \$ 3,329.6 | \$ 6.41 | \$ 1,801.9 | \$ 5,131 | |
| 79 | | | | 8" X 6" Rectangular Exhaust Air Ductwork | 363 | 10% | 400 | LF | 0.168 | 67.2 | \$ 85.0 | \$ 5,712.0 | \$ 7.73 | \$ 3,091.2 | \$ 8,803 | |
| 80 | | | | 8" X 8" Rectangular Exhaust Air Ductwork | 47 | 10% | 52 | LF | 0.172 | 8.9 | \$ 85.0 | \$ 760.2 | \$ 7.91 | \$ 411.4 | \$ 1,172 | |
| 81 | | | | 10" X 6" Rectangular Exhaust Air Ductwork | 152 | 10% | 168 | LF | 0.200 | 33.6 | \$ 85.0 | \$ 2,856.0 | \$ 9.20 | \$ 1,545.6 | \$ 4,402 | |
| 82 | | | | 10" X 8" Rectangular Exhaust Air Ductwork | 124 | 10% | 137 | LF | 0.202 | 27.7 | \$ 85.0 | \$ 2,352.3 | \$ 9.29 | \$ 1,273.0 | \$ 3,625 | |
| 83 | | | | 12" X 10" Rectangular Exhaust Air Ductwork | 68 | 10% | 75 | LF | 0.241 | 18.1 | \$ 85.0 | \$ 1,536.4 | \$ 11.09 | \$ 831.5 | \$ 2,368 | |
| 84 | | | | 12" X 6" Rectangular Exhaust Air Ductwork | 19 | 10% | 21 | LF | 0.238 | 5.0 | \$ 85.0 | \$ 424.8 | \$ 10.95 | \$ 229.9 | \$ 655 | |
| 85 | | | | 12" X 8" Rectangular Exhaust Air Ductwork | 139 | 10% | 153 | LF | 0.240 | 36.7 | \$ 85.0 | \$ 3,121.2 | \$ 11.04 | \$ 1,689.1 | \$ 4,810 | |
| 86 | | | | 14" X 6" Rectangular Exhaust Air Ductwork | 198 | 10% | 218 | LF | 0.286 | 62.2 | \$ 85.0 | \$ 5,290.3 | \$ 13.13 | \$ 2,863.0 | \$ 8,153 | |
| 87 | | | | 14" X 8" Rectangular Exhaust Air Ductwork | 118 | 10% | 130 | LF | 0.288 | 37.4 | \$ 85.0 | \$ 3,176.9 | \$ 13.23 | \$ 1,719.3 | \$ 4,896 | |
| 88 | | | | 16" X 10" Rectangular Exhaust Air Ductwork | 92 | 10% | 102 | LF | 0.323 | 32.9 | \$ 85.0 | \$ 2,800.4 | \$ 14.86 | \$ 1,515.5 | \$ 4,316 | |
| 89 | | | | 16" X 12" Rectangular Exhaust Air Ductwork | 14 | 10% | 16 | LF | 0.325 | 5.2 | \$ 85.0 | \$ 442.5 | \$ 14.97 | \$ 239.5 | \$ 682 | |
| 90 | | | | 16" X 8" Rectangular Exhaust Air Ductwork | 34 | 10% | 38 | LF | 0.321 | 12.2 | \$ 85.0 | \$ 1,036.8 | \$ 14.77 | \$ 561.1 | \$ 1,598 | |
| 91 | | | | 18" X 10" Rectangular Exhaust Air Ductwork | 85 | 10% | 94 | LF | 0.369 | 34.6 | \$ 85.0 | \$ 2,945.1 | \$ 16.96 | \$ 1,593.8 | \$ 4,539 | |
| 92 | | | | 18" X 12" Rectangular Exhaust Air Ductwork | 96 | 10% | 106 | LF | 0.370 | 39.2 | \$ 85.0 | \$ 3,332.8 | \$ 17.02 | \$ 1,803.6 | \$ 5,136 | |
| 93 | | | | 18" X 14" Rectangular Exhaust Air Ductwork | 12 | 10% | 14 | LF | 0.372 | 5.2 | \$ 85.0 | \$ 442.7 | \$ 17.11 | \$ 239.6 | \$ 682 | |
| 94 | | | | 20" X 10" Rectangular Exhaust Air Ductwork | 40 | 10% | 44 | LF | 0.411 | 18.1 | \$ 85.0 | \$ 1,537.9 | \$ 18.92 | \$ 832.3 | \$ 2,370 | |
| 95 | | | | 20" X 12" Rectangular Exhaust Air Ductwork | 4 | 10% | 5 | LF | 0.413 | 2.1 | \$ 85.0 | \$ 175.6 | \$ 19.01 | \$ 95.0 | \$ 271 | |
| 96 | | | | 20" X 20" Rectangular Exhaust Air Ductwork | 127 | 10% | 140 | LF | 0.424 | 59.3 | \$ 85.0 | \$ 5,040.8 | \$ 19.49 | \$ 2,728.0 | \$ 7,769 | |
| 97 | | | | 20" X 8" Rectangular Exhaust Air Ductwork | 55 | 10% | 61 | LF | 0.410 | 25.0 | \$ 85.0 | \$ 2,124.8 | \$ 18.85 | \$ 1,149.9 | \$ 3,275 | |
| 98 | | | | 22" X 10" Rectangular Exhaust Air Ductwork | 33 | 10% | 37 | LF | 0.458 | 16.9 | \$ 85.0 | \$ 1,438.8 | \$ 21.05 | \$ 778.7 | \$ 2,218 | |
| | | | | TRANSFER AIR DUCTWORK | | | | | | | | | | | | |
| 99 | | | | 16" Dia Round Transfer Air Ductwork | 14 | 10% | 16 | LF | 0.323 | 5.2 | \$ 85.0 | \$ 439.3 | \$ 14.86 | \$ 237.7 | \$ 677 | |
| | | | | DUCTWORK TRANSITION | | | | | | | | | | | | |
| | | | | SUPPLY AIR DUCTWORK TRANSITION | | | | | | | | | | | | |
| 100 | | | | 6" Dia Round Side Ductwork Transition | 43 | 0% | 43 | EA | 0.268 | 11.5 | \$ 85.0 | \$ 979.5 | \$ 67.00 | \$ 2,881.0 | \$ 3,861 | |
| 101 | | | | 8" Dia Round Side Ductwork Transition | 124 | 0% | 124 | EA | 0.336 | 41.7 | \$ 85.0 | \$ 3,541.4 | \$ 84.00 | \$ 10,416.0 | \$ 13,957 | |

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|--------|------------|--------|----------|---|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 102 | | | | 10" Dia Round Side Ductwork Transition | 18 | 0% | 18 | EA | 0.448 | 8.1 | \$ 85.0 | \$ 685.4 | \$ 112.00 | \$ 2,016.0 | \$ 2,701 | |
| 103 | | | | 12" Dia Round Side Ductwork Transition | 4 | 0% | 4 | EA | 0.572 | 2.3 | \$ 85.0 | \$ 194.5 | \$ 143.00 | \$ 572.0 | \$ 766 | |
| 104 | | | | 14" Dia Round Side Ductwork Transition | 1 | 0% | 1 | EA | 0.656 | 0.7 | \$ 85.0 | \$ 55.8 | \$ 164.00 | \$ 164.0 | \$ 220 | |
| 105 | | | | 16" Dia Round Side Ductwork Transition | 2 | 0% | 2 | EA | 0.756 | 1.5 | \$ 85.0 | \$ 128.5 | \$ 189.00 | \$ 378.0 | \$ 507 | |
| 106 | | | | 8" X 6" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.356 | 0.4 | \$ 85.0 | \$ 30.3 | \$ 89.00 | \$ 89.0 | \$ 119 | |
| 107 | | | | 8" X 8" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.368 | 0.4 | \$ 85.0 | \$ 31.3 | \$ 92.00 | \$ 92.0 | \$ 123 | |
| 108 | | | | 12" X 10" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.608 | 1.2 | \$ 85.0 | \$ 103.4 | \$ 152.00 | \$ 304.0 | \$ 407 | |
| 109 | | | | 12" X 12" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.616 | 1.2 | \$ 85.0 | \$ 104.7 | \$ 154.00 | \$ 308.0 | \$ 413 | |
| 110 | | | | 16" X 12" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.700 | 0.7 | \$ 85.0 | \$ 59.5 | \$ 175.00 | \$ 175.0 | \$ 235 | |
| 111 | | | | 16" X 10" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.688 | 0.7 | \$ 85.0 | \$ 58.5 | \$ 172.00 | \$ 172.0 | \$ 230 | |
| 112 | | | | 18" X 10" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.784 | 0.8 | \$ 85.0 | \$ 66.6 | \$ 196.00 | \$ 196.0 | \$ 263 | |
| 113 | | | | 20" X 16" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.844 | 0.8 | \$ 85.0 | \$ 71.7 | \$ 211.00 | \$ 211.0 | \$ 283 | |
| 114 | | | | 26" X 10" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 1.080 | 1.1 | \$ 85.0 | \$ 91.8 | \$ 270.00 | \$ 270.0 | \$ 362 | |
| 115 | | | | 32" X 18" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 1.392 | 1.4 | \$ 85.0 | \$ 118.3 | \$ 348.00 | \$ 348.0 | \$ 466 | |
| 116 | | | | 36" X 16" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 1.512 | 1.5 | \$ 85.0 | \$ 128.5 | \$ 378.00 | \$ 378.0 | \$ 507 | |
| 117 | | | | 6" Dia Round Elbow Ductwork Transition | 20 | 0% | 20 | EA | 0.268 | 5.4 | \$ 85.0 | \$ 455.6 | \$ 67.00 | \$ 1,340.0 | \$ 1,796 | |
| 118 | | | | 8" Dia Round Elbow Ductwork Transition | 40 | 0% | 40 | EA | 0.336 | 13.4 | \$ 85.0 | \$ 1,142.4 | \$ 84.00 | \$ 3,360.0 | \$ 4,502 | |
| 119 | | | | 10" Dia Round Elbow Ductwork Transition | 18 | 0% | 18 | EA | 0.448 | 8.1 | \$ 85.0 | \$ 685.4 | \$ 112.00 | \$ 2,016.0 | \$ 2,701 | |
| 120 | | | | 12" Dia Round Elbow Ductwork Transition | 2 | 0% | 2 | EA | 0.572 | 1.1 | \$ 85.0 | \$ 97.2 | \$ 143.00 | \$ 286.0 | \$ 383 | |
| 121 | | | | 8" X 8" Rectangular Elbow Ductwork Transition | 4 | 0% | 4 | EA | 0.368 | 1.5 | \$ 85.0 | \$ 125.1 | \$ 92.00 | \$ 368.0 | \$ 493 | |
| 122 | | | | 10" X 10" Rectangular Elbow Ductwork Transition | 4 | 0% | 4 | EA | 0.488 | 2.0 | \$ 85.0 | \$ 165.9 | \$ 122.00 | \$ 488.0 | \$ 654 | |
| 123 | | | | 10" X 6" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.464 | 1.4 | \$ 85.0 | \$ 118.3 | \$ 116.00 | \$ 348.0 | \$ 466 | |
| 124 | | | | 12" X 10" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.608 | 0.6 | \$ 85.0 | \$ 51.7 | \$ 152.00 | \$ 152.0 | \$ 204 | |
| 125 | | | | 12" X 12" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.616 | 1.8 | \$ 85.0 | \$ 157.1 | \$ 154.00 | \$ 462.0 | \$ 619 | |
| 126 | | | | 12" X 6" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.584 | 0.6 | \$ 85.0 | \$ 49.6 | \$ 146.00 | \$ 146.0 | \$ 196 | |
| 127 | | | | 14" X 10" Rectangular Elbow Ductwork Transition | 2 | 0% | 2 | EA | 0.668 | 1.3 | \$ 85.0 | \$ 113.6 | \$ 167.00 | \$ 334.0 | \$ 448 | |
| 128 | | | | 14" X 12" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.676 | 0.7 | \$ 85.0 | \$ 57.5 | \$ 169.00 | \$ 169.0 | \$ 226 | |
| 129 | | | | 16" X 10" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.712 | 0.7 | \$ 85.0 | \$ 60.5 | \$ 178.00 | \$ 178.0 | \$ 239 | |
| 130 | | | | 16" X 12" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.720 | 0.7 | \$ 85.0 | \$ 61.2 | \$ 180.00 | \$ 180.0 | \$ 241 | |
| 131 | | | | 18" X 10" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.784 | 0.8 | \$ 85.0 | \$ 66.6 | \$ 196.00 | \$ 196.0 | \$ 263 | |
| 132 | | | | 18" X 12" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.792 | 0.8 | \$ 85.0 | \$ 67.3 | \$ 198.00 | \$ 198.0 | \$ 265 | |
| 133 | | | | 18" X 18" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.820 | 0.8 | \$ 85.0 | \$ 69.7 | \$ 205.00 | \$ 205.0 | \$ 275 | |
| 134 | | | | 22" X 12" Rectangular Elbow Ductwork Transition | 4 | 0% | 4 | EA | 0.912 | 3.6 | \$ 85.0 | \$ 310.1 | \$ 228.00 | \$ 912.0 | \$ 1,222 | |
| 135 | | | | 22" X 14" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.920 | 0.9 | \$ 85.0 | \$ 78.2 | \$ 230.00 | \$ 230.0 | \$ 308 | |
| 136 | | | | 28" X 20" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 1.176 | 1.2 | \$ 85.0 | \$ 100.0 | \$ 294.00 | \$ 294.0 | \$ 394 | |
| 137 | | | | 34" X 14" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 1.440 | 1.4 | \$ 85.0 | \$ 122.4 | \$ 360.00 | \$ 360.0 | \$ 482 | |
| 138 | | | | 34" X 18" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 1.476 | 1.5 | \$ 85.0 | \$ 125.5 | \$ 369.00 | \$ 369.0 | \$ 494 | |
| 139 | | | | 36" X 16" Rectangular Elbow Ductwork Transition | 2 | 0% | 2 | EA | 1.528 | 3.1 | \$ 85.0 | \$ 259.8 | \$ 382.00 | \$ 764.0 | \$ 1,024 | |
| 140 | | | | 6" Dia Round Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 0.260 | 0.5 | \$ 85.0 | \$ 44.2 | \$ 65.00 | \$ 130.0 | \$ 174 | |
| 141 | | | | 8" Dia Round Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 0.324 | 0.6 | \$ 85.0 | \$ 55.1 | \$ 81.00 | \$ 162.0 | \$ 217 | |
| 142 | | | | 8" X 8" Rectangular Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 0.360 | 0.7 | \$ 85.0 | \$ 61.2 | \$ 90.00 | \$ 180.0 | \$ 241 | |
| 143 | | | | 10" X 8" Rectangular Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 0.464 | 0.9 | \$ 85.0 | \$ 78.9 | \$ 116.00 | \$ 232.0 | \$ 311 | |
| 144 | | | | 38" X 20" Rectangular Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 1.596 | 3.2 | \$ 85.0 | \$ 271.3 | \$ 399.00 | \$ 798.0 | \$ 1,069 | |
| 145 | | | | 8" X 6" To 6" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.360 | 0.4 | \$ 85.0 | \$ 30.6 | \$ 90.00 | \$ 90.0 | \$ 121 | |
| 146 | | | | 8" X 8" To 6" Dia Ductwork Reducer | 4 | 0% | 4 | EA | 0.372 | 1.5 | \$ 85.0 | \$ 126.5 | \$ 93.00 | \$ 372.0 | \$ 498 | |
| 147 | | | | 10" X 10" To 8" Dia Ductwork Reducer | 2 | 0% | 2 | EA | 0.472 | 0.9 | \$ 85.0 | \$ 80.2 | \$ 118.00 | \$ 236.0 | \$ 316 | |
| 148 | | | | 10" X 6" To 6" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.448 | 0.4 | \$ 85.0 | \$ 38.1 | \$ 112.00 | \$ 112.0 | \$ 150 | |
| 149 | | | | 18" X 18" To 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.848 | 0.8 | \$ 85.0 | \$ 72.1 | \$ 212.00 | \$ 212.0 | \$ 284 | |
| 150 | | | | 10" X 8" To 10" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.464 | 0.5 | \$ 85.0 | \$ 39.4 | \$ 116.00 | \$ 116.0 | \$ 155 | |
| 151 | | | | 10" X 8" To 8" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.460 | 0.5 | \$ 85.0 | \$ 39.1 | \$ 115.00 | \$ 115.0 | \$ 154 | |
| 152 | | | | 12" X 10" To 10" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.568 | 0.6 | \$ 85.0 | \$ 48.3 | \$ 142.00 | \$ 142.0 | \$ 190 | |
| 153 | | | | 12" X 10" To 10" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.572 | 0.6 | \$ 85.0 | \$ 48.6 | \$ 143.00 | \$ 143.0 | \$ 192 | |
| 154 | | | | 12" X 8" To 10" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.552 | 0.6 | \$ 85.0 | \$ 46.9 | \$ 138.00 | \$ 138.0 | \$ 185 | |
| 155 | | | | 12" X 8" To 8" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.560 | 0.6 | \$ 85.0 | \$ 47.6 | \$ 140.00 | \$ 140.0 | \$ 188 | |
| 156 | | | | 12" X 12" To 6" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.596 | 0.6 | \$ 85.0 | \$ 50.7 | \$ 149.00 | \$ 149.0 | \$ 200 | |
| 157 | | | | 12" X 12" To 8" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.608 | 0.6 | \$ 85.0 | \$ 51.7 | \$ 152.00 | \$ 152.0 | \$ 204 | |
| 158 | | | | 14" X 10" To 6" Dia Ductwork Reducer | 1 | 0% | 1 | EA | 0.672 | 0.7 | \$ 85.0 | \$ 57.1 | \$ 168.00 | \$ 168.0 | \$ 225 | |
| 159 | | | | 14" X 10" To 8" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.680 | 0.7 | \$ 85.0 | \$ 57.8 | \$ 170.00 | \$ 170.0 | \$ 228 | |
| 160 | | | | 14" X 12" To 12" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.696 | 0.7 | \$ 85.0 | \$ 59.2 | \$ 174.00 | \$ 174.0 | \$ 233 | |
| 161 | | | | 16" X 10" To 10" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.796 | 0.8 | \$ 85.0 | \$ 67.7 | \$ 199.00 | \$ 199.0 | \$ 267 | |
| 162 | | | | 16" X 10" To 12" X 10" Ductwork Reducer | 2 | 0% | 2 | EA | 0.804 | 1.6 | \$ 85.0 | \$ 136.7 | \$ 201.00 | \$ 402.0 | \$ 539 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|--------|------------|--------|----------|---|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 163 | | | | 18" X 10" To 10" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.872 | 0.9 | \$ 85.0 | \$ 74.1 | \$ 218.00 | \$ 218.0 | \$ 292 | |
| 164 | | | | 20" X 16" To 10" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.944 | 0.9 | \$ 85.0 | \$ 80.2 | \$ 236.00 | \$ 236.0 | \$ 316 | |
| 165 | | | | 22" X 12" To 20" X 14" Ductwork Reducer | 1 | 0% | 1 | EA | 1.008 | 1.0 | \$ 85.0 | \$ 85.7 | \$ 252.00 | \$ 252.0 | \$ 338 | |
| 166 | | | | 18" X 12" To 12" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.900 | 0.9 | \$ 85.0 | \$ 76.5 | \$ 225.00 | \$ 225.0 | \$ 302 | |
| 167 | | | | 18" X 12" To 12" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 0.908 | 0.9 | \$ 85.0 | \$ 77.2 | \$ 227.00 | \$ 227.0 | \$ 304 | |
| 168 | | | | 22" X 14" To 18" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 1.024 | 1.0 | \$ 85.0 | \$ 87.0 | \$ 256.00 | \$ 256.0 | \$ 343 | |
| 169 | | | | 22" X 18" To 18" X 16" Ductwork Reducer | 1 | 0% | 1 | EA | 1.072 | 1.1 | \$ 85.0 | \$ 91.1 | \$ 268.00 | \$ 268.0 | \$ 359 | |
| 170 | | | | 22" X 20" To 20" X 20" Ductwork Reducer | 1 | 0% | 1 | EA | 1.100 | 1.1 | \$ 85.0 | \$ 93.5 | \$ 275.00 | \$ 275.0 | \$ 369 | |
| 171 | | | | 24" X 18" To 22" X 14" Ductwork Reducer | 1 | 0% | 1 | EA | 1.248 | 1.2 | \$ 85.0 | \$ 106.1 | \$ 312.00 | \$ 312.0 | \$ 418 | |
| 172 | | | | 26" X 12" To 12" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 1.336 | 1.3 | \$ 85.0 | \$ 113.6 | \$ 334.00 | \$ 334.0 | \$ 448 | |
| 173 | | | | 26" X 14" To 18" X 14" Ductwork Reducer | 1 | 0% | 1 | EA | 1.344 | 1.3 | \$ 85.0 | \$ 114.2 | \$ 336.00 | \$ 336.0 | \$ 450 | |
| 174 | | | | 26" X 18" To 22" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 1.368 | 1.4 | \$ 85.0 | \$ 116.3 | \$ 342.00 | \$ 342.0 | \$ 458 | |
| 175 | | | | 28" X 20" To 22" X 18" Ductwork Reducer | 1 | 0% | 1 | EA | 1.436 | 1.4 | \$ 85.0 | \$ 122.1 | \$ 359.00 | \$ 359.0 | \$ 481 | |
| 176 | | | | 34" X 12" To 26" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 1.568 | 1.6 | \$ 85.0 | \$ 133.3 | \$ 392.00 | \$ 392.0 | \$ 525 | |
| 177 | | | | 34" X 14" To 26" X 14" Ductwork Reducer | 1 | 0% | 1 | EA | 1.584 | 1.6 | \$ 85.0 | \$ 134.6 | \$ 396.00 | \$ 396.0 | \$ 531 | |
| 178 | | | | 34" X 20" To 34" X 18" Ductwork Reducer | 1 | 0% | 1 | EA | 1.616 | 1.6 | \$ 85.0 | \$ 137.4 | \$ 404.00 | \$ 404.0 | \$ 541 | |
| 179 | | | | 36" X 16" To 18" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 1.600 | 1.6 | \$ 85.0 | \$ 136.0 | \$ 400.00 | \$ 400.0 | \$ 536 | |
| 180 | | | | 36" X 16" To 34" X 14" Ductwork Reducer | 1 | 0% | 1 | EA | 1.656 | 1.7 | \$ 85.0 | \$ 140.8 | \$ 414.00 | \$ 414.0 | \$ 555 | |
| 181 | | | | 38" X 18" To 36" X 16" Ductwork Reducer | 1 | 0% | 1 | EA | 1.712 | 1.7 | \$ 85.0 | \$ 145.5 | \$ 428.00 | \$ 428.0 | \$ 574 | |
| 182 | | | | 38" X 20" To 28" X 20" Ductwork Reducer | 1 | 0% | 1 | EA | 1.780 | 1.8 | \$ 85.0 | \$ 151.3 | \$ 445.00 | \$ 445.0 | \$ 596 | |
| | | | | RETURN AIR DUCTWORK TRANSITION | | | | | | | | | | | | |
| 183 | | | | 6" X 6" Rectangular Side Ductwork Transition | 9 | 0% | 9 | EA | 0.288 | 2.6 | \$ 85.0 | \$ 220.3 | \$ 72.00 | \$ 648.0 | \$ 868 | |
| 184 | | | | 8" X 8" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.368 | 0.4 | \$ 85.0 | \$ 31.3 | \$ 92.00 | \$ 92.0 | \$ 123 | |
| 185 | | | | 8" X 6" Rectangular Side Ductwork Transition | 13 | 0% | 13 | EA | 0.356 | 4.6 | \$ 85.0 | \$ 393.4 | \$ 89.00 | \$ 1,157.0 | \$ 1,550 | |
| 186 | | | | 10" X 10" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.488 | 0.5 | \$ 85.0 | \$ 41.5 | \$ 122.00 | \$ 122.0 | \$ 163 | |
| 187 | | | | 10" X 6" Rectangular Side Ductwork Transition | 8 | 0% | 8 | EA | 0.464 | 3.7 | \$ 85.0 | \$ 315.5 | \$ 116.00 | \$ 928.0 | \$ 1,244 | |
| 188 | | | | 10" X 8" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.472 | 0.9 | \$ 85.0 | \$ 80.2 | \$ 118.00 | \$ 236.0 | \$ 316 | |
| 189 | | | | 12" X 6" Rectangular Side Ductwork Transition | 5 | 0% | 5 | EA | 0.584 | 2.9 | \$ 85.0 | \$ 248.2 | \$ 146.00 | \$ 730.0 | \$ 978 | |
| 190 | | | | 12" X 8" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.596 | 0.6 | \$ 85.0 | \$ 50.7 | \$ 149.00 | \$ 149.0 | \$ 200 | |
| 191 | | | | 14" X 8" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.676 | 0.7 | \$ 85.0 | \$ 57.5 | \$ 169.00 | \$ 169.0 | \$ 226 | |
| 192 | | | | 14" X 12" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.688 | 0.7 | \$ 85.0 | \$ 58.5 | \$ 172.00 | \$ 172.0 | \$ 230 | |
| 193 | | | | 14" X 10" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.680 | 0.7 | \$ 85.0 | \$ 57.8 | \$ 170.00 | \$ 170.0 | \$ 228 | |
| 194 | | | | 16" X 12" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.720 | 1.4 | \$ 85.0 | \$ 122.4 | \$ 180.00 | \$ 360.0 | \$ 482 | |
| 195 | | | | 20" X 14" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.832 | 0.8 | \$ 85.0 | \$ 70.7 | \$ 208.00 | \$ 208.0 | \$ 279 | |
| 196 | | | | 20" X 16" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.844 | 0.8 | \$ 85.0 | \$ 71.7 | \$ 211.00 | \$ 211.0 | \$ 283 | |
| 197 | | | | 22" X 12" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.912 | 0.9 | \$ 85.0 | \$ 77.5 | \$ 228.00 | \$ 228.0 | \$ 306 | |
| 198 | | | | 22" X 14" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.920 | 0.9 | \$ 85.0 | \$ 78.2 | \$ 230.00 | \$ 230.0 | \$ 308 | |
| 199 | | | | 6" X 6" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.288 | 0.9 | \$ 85.0 | \$ 73.4 | \$ 72.00 | \$ 216.0 | \$ 289 | |
| 200 | | | | 8" X 6" Rectangular Elbow Ductwork Transition | 4 | 0% | 4 | EA | 0.356 | 1.4 | \$ 85.0 | \$ 121.0 | \$ 89.00 | \$ 356.0 | \$ 477 | |
| 201 | | | | 8" X 8" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.368 | 0.4 | \$ 85.0 | \$ 31.3 | \$ 92.00 | \$ 92.0 | \$ 123 | |
| 202 | | | | 10" X 6" Rectangular Elbow Ductwork Transition | 5 | 0% | 5 | EA | 0.464 | 2.3 | \$ 85.0 | \$ 197.2 | \$ 116.00 | \$ 580.0 | \$ 777 | |
| 203 | | | | 10" X 8" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.472 | 0.5 | \$ 85.0 | \$ 40.1 | \$ 118.00 | \$ 118.0 | \$ 158 | |
| 204 | | | | 10" X 8" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.472 | 0.5 | \$ 85.0 | \$ 40.1 | \$ 118.00 | \$ 118.0 | \$ 158 | |
| 205 | | | | 12" X 10" Rectangular Elbow Ductwork Transition | 2 | 0% | 2 | EA | 0.608 | 1.2 | \$ 85.0 | \$ 103.4 | \$ 152.00 | \$ 304.0 | \$ 407 | |
| 206 | | | | 12" X 6" Rectangular Elbow Ductwork Transition | 5 | 0% | 5 | EA | 0.584 | 2.9 | \$ 85.0 | \$ 248.2 | \$ 146.00 | \$ 730.0 | \$ 978 | |
| 207 | | | | 12" X 8" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.596 | 0.6 | \$ 85.0 | \$ 50.7 | \$ 149.00 | \$ 149.0 | \$ 200 | |
| 208 | | | | 18" X 10" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.784 | 0.8 | \$ 85.0 | \$ 66.6 | \$ 196.00 | \$ 196.0 | \$ 263 | |
| 209 | | | | 20" X 12" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.820 | 2.5 | \$ 85.0 | \$ 209.1 | \$ 205.00 | \$ 615.0 | \$ 824 | |
| 210 | | | | 20" X 14" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.832 | 0.8 | \$ 85.0 | \$ 70.7 | \$ 208.00 | \$ 208.0 | \$ 279 | |
| 211 | | | | 20" X 16" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.844 | 2.5 | \$ 85.0 | \$ 215.2 | \$ 211.00 | \$ 633.0 | \$ 848 | |
| 212 | | | | 22" X 12" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.920 | 2.8 | \$ 85.0 | \$ 234.6 | \$ 230.00 | \$ 690.0 | \$ 925 | |
| 213 | | | | 16" X 12" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.720 | 0.7 | \$ 85.0 | \$ 61.2 | \$ 180.00 | \$ 180.0 | \$ 241 | |
| 214 | | | | 22" X 14" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.920 | 0.9 | \$ 85.0 | \$ 78.2 | \$ 230.00 | \$ 230.0 | \$ 308 | |
| 215 | | | | 30" X 14" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 1.248 | 1.2 | \$ 85.0 | \$ 106.1 | \$ 312.00 | \$ 312.0 | \$ 418 | |
| 216 | | | | 34" X 14" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 1.440 | 4.3 | \$ 85.0 | \$ 367.2 | \$ 360.00 | \$ 1,080.0 | \$ 1,447 | |
| 217 | | | | 10" X 8" Rectangular Elbow 45° Ductwork Transition | 4 | 0% | 4 | EA | 0.460 | 1.8 | \$ 85.0 | \$ 156.4 | \$ 115.00 | \$ 460.0 | \$ 616 | |
| 218 | | | | 16" X 10" Rectangular Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 0.700 | 1.4 | \$ 85.0 | \$ 119.0 | \$ 175.00 | \$ 350.0 | \$ 469 | |
| 219 | | | | 16" X 12" Rectangular Elbow 45° Ductwork Transition | 1 | 0% | 1 | EA | 0.716 | 0.7 | \$ 85.0 | \$ 60.9 | \$ 179.00 | \$ 179.0 | \$ 240 | |
| 220 | | | | 22" X 12" Rectangular Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 0.888 | 1.8 | \$ 85.0 | \$ 151.0 | \$ 222.00 | \$ 444.0 | \$ 595 | |
| 221 | | | | 30" X 14" Rectangular Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 1.240 | 2.5 | \$ 85.0 | \$ 210.8 | \$ 310.00 | \$ 620.0 | \$ 831 | |
| 222 | | | | 34" X 14" Rectangular Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 1.428 | 2.9 | \$ 85.0 | \$ 242.8 | \$ 357.00 | \$ 714.0 | \$ 957 | |
| 223 | | | | 20" X 12" To 18" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.888 | 0.9 | \$ 85.0 | \$ 75.5 | \$ 222.00 | \$ 222.0 | \$ 297 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|--------|------------|--------|----------|---|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 224 | | | | 18" X 12" To 16" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.880 | 0.9 | \$ 85.0 | \$ 74.8 | \$ 220.0 | \$ 220.0 | \$ 295 | |
| 225 | | | | 20" X 16" To 10" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.900 | 0.9 | \$ 85.0 | \$ 76.5 | \$ 225.0 | \$ 225.0 | \$ 302 | |
| 226 | | | | 22" X 12" To 12" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.992 | 1.0 | \$ 85.0 | \$ 84.3 | \$ 248.0 | \$ 248.0 | \$ 332 | |
| 227 | | | | 22" X 14" To 10" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 1.008 | 1.0 | \$ 85.0 | \$ 85.7 | \$ 252.0 | \$ 252.0 | \$ 338 | |
| 228 | | | | 22" X 14" To 18" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 1.036 | 1.0 | \$ 85.0 | \$ 88.1 | \$ 259.0 | \$ 259.0 | \$ 347 | |
| 229 | | | | 24" X 12" To 12" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 1.112 | 1.1 | \$ 85.0 | \$ 94.5 | \$ 278.0 | \$ 278.0 | \$ 373 | |
| 230 | | | | 28" X 12" To 22" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 1.264 | 1.3 | \$ 85.0 | \$ 107.4 | \$ 316.0 | \$ 316.0 | \$ 423 | |
| 231 | | | | 30" X 14" To 22" X 14" Ductwork Reducer | 1 | 0% | 1 | EA | 1.352 | 1.4 | \$ 85.0 | \$ 114.9 | \$ 338.0 | \$ 338.0 | \$ 453 | |
| 232 | | | | 34" X 14" To 28" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 1.536 | 1.5 | \$ 85.0 | \$ 130.6 | \$ 384.0 | \$ 384.0 | \$ 515 | |
| 233 | | | | 10" X 8" To 14" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.488 | 0.5 | \$ 85.0 | \$ 41.5 | \$ 122.0 | \$ 122.0 | \$ 163 | |
| | | | | TRANSFER AIR DUCTWORK TRANSITION | | | | | | | | | | | | |
| 234 | | | | 10" Dia Round Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 0.440 | 0.9 | \$ 85.0 | \$ 74.8 | \$ 110.0 | \$ 220.0 | \$ 295 | |
| | | | | EXHAUST AIR DUCTWORK TRANSITION | | | | | | | | | | | | |
| 235 | | | | 6" X 6" Rectangular Side Ductwork Transition | 25 | 0% | 25 | EA | 0.288 | 7.2 | \$ 85.0 | \$ 612.0 | \$ 72.0 | \$ 1,800.0 | \$ 2,412 | |
| 236 | | | | 8" X 6" Rectangular Side Ductwork Transition | 21 | 0% | 21 | EA | 0.356 | 7.5 | \$ 85.0 | \$ 635.5 | \$ 89.0 | \$ 1,869.0 | \$ 2,504 | |
| 237 | | | | 8" X 8" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.368 | 0.7 | \$ 85.0 | \$ 62.6 | \$ 92.0 | \$ 184.0 | \$ 247 | |
| 238 | | | | 10" X 8" Rectangular Side Ductwork Transition | 3 | 0% | 3 | EA | 0.472 | 1.4 | \$ 85.0 | \$ 120.4 | \$ 118.0 | \$ 354.0 | \$ 474 | |
| 239 | | | | 10" X 6" Rectangular Side Ductwork Transition | 3 | 0% | 3 | EA | 0.464 | 1.4 | \$ 85.0 | \$ 118.3 | \$ 116.0 | \$ 348.0 | \$ 466 | |
| 240 | | | | 12" X 6" Rectangular Side Ductwork Transition | 1 | 0% | 1 | EA | 0.584 | 0.6 | \$ 85.0 | \$ 49.6 | \$ 146.0 | \$ 146.0 | \$ 196 | |
| 241 | | | | 14" X 6" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.664 | 1.3 | \$ 85.0 | \$ 112.9 | \$ 166.0 | \$ 332.0 | \$ 445 | |
| 242 | | | | 14" X 8" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.676 | 1.4 | \$ 85.0 | \$ 114.9 | \$ 169.0 | \$ 338.0 | \$ 453 | |
| 243 | | | | 16" X 10" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.708 | 1.4 | \$ 85.0 | \$ 120.4 | \$ 177.0 | \$ 354.0 | \$ 474 | |
| 244 | | | | 22" X 10" Rectangular Side Ductwork Transition | 2 | 0% | 2 | EA | 0.900 | 1.8 | \$ 85.0 | \$ 153.0 | \$ 225.0 | \$ 450.0 | \$ 603 | |
| 245 | | | | 6" X 6" Rectangular Elbow Ductwork Transition | 8 | 0% | 8 | EA | 0.288 | 2.3 | \$ 85.0 | \$ 195.8 | \$ 72.0 | \$ 576.0 | \$ 772 | |
| 246 | | | | 8" X 6" Rectangular Elbow Ductwork Transition | 17 | 0% | 17 | EA | 0.356 | 6.1 | \$ 85.0 | \$ 514.4 | \$ 89.0 | \$ 1,513.0 | \$ 2,027 | |
| 247 | | | | 8" X 8" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 3.688 | 11.1 | \$ 85.0 | \$ 940.4 | \$ 922.0 | \$ 2,766.0 | \$ 3,706 | |
| 248 | | | | 10" X 6" Rectangular Elbow Ductwork Transition | 6 | 0% | 6 | EA | 0.460 | 2.8 | \$ 85.0 | \$ 234.6 | \$ 115.0 | \$ 690.0 | \$ 925 | |
| 249 | | | | 10" X 8" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.472 | 1.4 | \$ 85.0 | \$ 120.4 | \$ 118.0 | \$ 354.0 | \$ 474 | |
| 250 | | | | 12" X 8" Rectangular Elbow Ductwork Transition | 5 | 0% | 5 | EA | 0.596 | 3.0 | \$ 85.0 | \$ 253.3 | \$ 149.0 | \$ 745.0 | \$ 998 | |
| 251 | | | | 14" X 6" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.664 | 2.0 | \$ 85.0 | \$ 169.3 | \$ 166.0 | \$ 498.0 | \$ 667 | |
| 252 | | | | 14" X 8" Rectangular Elbow Ductwork Transition | 2 | 0% | 2 | EA | 0.676 | 1.4 | \$ 85.0 | \$ 114.9 | \$ 169.0 | \$ 338.0 | \$ 453 | |
| 253 | | | | 16" X 8" Rectangular Elbow Ductwork Transition | 2 | 0% | 2 | EA | 0.700 | 1.4 | \$ 85.0 | \$ 119.0 | \$ 175.0 | \$ 350.0 | \$ 469 | |
| 254 | | | | 16" X 10" Rectangular Elbow Ductwork Transition | 5 | 0% | 5 | EA | 0.708 | 3.5 | \$ 85.0 | \$ 300.9 | \$ 177.0 | \$ 885.0 | \$ 1,186 | |
| 255 | | | | 18" X 12" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.796 | 0.8 | \$ 85.0 | \$ 67.7 | \$ 199.0 | \$ 199.0 | \$ 267 | |
| 256 | | | | 20" X 8" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.808 | 0.8 | \$ 85.0 | \$ 68.7 | \$ 202.0 | \$ 202.0 | \$ 271 | |
| 257 | | | | 20" X 20" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.888 | 2.7 | \$ 85.0 | \$ 226.4 | \$ 222.0 | \$ 666.0 | \$ 892 | |
| 258 | | | | 20" X 10" Rectangular Elbow Ductwork Transition | 1 | 0% | 1 | EA | 0.848 | 0.8 | \$ 85.0 | \$ 72.1 | \$ 212.0 | \$ 212.0 | \$ 284 | |
| 259 | | | | 22" X 10" Rectangular Elbow Ductwork Transition | 3 | 0% | 3 | EA | 0.908 | 2.7 | \$ 85.0 | \$ 231.5 | \$ 227.0 | \$ 681.0 | \$ 913 | |
| 260 | | | | 6" X 6" Rectangular Elbow 45° Ductwork Transition | 6 | 0% | 6 | EA | 0.280 | 1.7 | \$ 85.0 | \$ 142.8 | \$ 70.0 | \$ 420.0 | \$ 563 | |
| 261 | | | | 8" X 6" Rectangular Elbow 45° Ductwork Transition | 4 | 0% | 4 | EA | 0.348 | 1.4 | \$ 85.0 | \$ 118.3 | \$ 87.0 | \$ 348.0 | \$ 466 | |
| 262 | | | | 18" X 12" Rectangular Elbow 45° Ductwork Transition | 2 | 0% | 2 | EA | 0.784 | 1.6 | \$ 85.0 | \$ 133.3 | \$ 196.0 | \$ 392.0 | \$ 525 | |
| 263 | | | | 8" X 6" To 6" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.368 | 0.4 | \$ 85.0 | \$ 31.3 | \$ 92.0 | \$ 92.0 | \$ 123 | |
| 264 | | | | 8" X 8" To 8" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.380 | 0.4 | \$ 85.0 | \$ 32.3 | \$ 95.0 | \$ 95.0 | \$ 127 | |
| 265 | | | | 10" X 8" To 10" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.476 | 0.5 | \$ 85.0 | \$ 40.5 | \$ 119.0 | \$ 119.0 | \$ 159 | |
| 266 | | | | 10" X 8" To 6" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.488 | 0.5 | \$ 85.0 | \$ 41.5 | \$ 122.0 | \$ 122.0 | \$ 163 | |
| 267 | | | | 12" X 10" To 12" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.596 | 0.6 | \$ 85.0 | \$ 50.7 | \$ 149.0 | \$ 149.0 | \$ 200 | |
| 268 | | | | 12" X 10" To 6" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.608 | 0.6 | \$ 85.0 | \$ 51.7 | \$ 152.0 | \$ 152.0 | \$ 204 | |
| 269 | | | | 12" X 10" To 8" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.616 | 0.6 | \$ 85.0 | \$ 52.4 | \$ 154.0 | \$ 154.0 | \$ 206 | |
| 270 | | | | 12" X 8" To 10" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.592 | 0.6 | \$ 85.0 | \$ 50.3 | \$ 148.0 | \$ 148.0 | \$ 198 | |
| 271 | | | | 14" X 8" To 10" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.680 | 0.7 | \$ 85.0 | \$ 57.8 | \$ 170.0 | \$ 170.0 | \$ 228 | |
| 272 | | | | 14" X 8" To 6" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.688 | 0.7 | \$ 85.0 | \$ 58.5 | \$ 172.0 | \$ 172.0 | \$ 230 | |
| 273 | | | | 14" X 8" To 8" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.692 | 0.7 | \$ 85.0 | \$ 58.8 | \$ 173.0 | \$ 173.0 | \$ 232 | |
| 274 | | | | 16" X 10" To 10" X 8" Ductwork Reducer | 2 | 0% | 2 | EA | 0.768 | 1.5 | \$ 85.0 | \$ 130.6 | \$ 192.0 | \$ 384.0 | \$ 515 | |
| 275 | | | | 16" X 10" To 12" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.780 | 0.8 | \$ 85.0 | \$ 66.3 | \$ 195.0 | \$ 195.0 | \$ 261 | |
| 276 | | | | 16" X 10" To 16" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.792 | 0.8 | \$ 85.0 | \$ 67.3 | \$ 198.0 | \$ 198.0 | \$ 265 | |
| 277 | | | | 16" X 12" To 12" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 0.080 | 0.1 | \$ 85.0 | \$ 6.8 | \$ 20.0 | \$ 20.0 | \$ 27 | |
| 278 | | | | 16" X 8" To 8" X 6" Ductwork Reducer | 1 | 0% | 1 | EA | 0.760 | 0.8 | \$ 85.0 | \$ 64.6 | \$ 190.0 | \$ 190.0 | \$ 255 | |
| 279 | | | | 16" X 8" To 8" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.768 | 0.8 | \$ 85.0 | \$ 65.3 | \$ 192.0 | \$ 192.0 | \$ 257 | |
| 280 | | | | 18" X 10" To 10" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.872 | 0.9 | \$ 85.0 | \$ 74.1 | \$ 218.0 | \$ 218.0 | \$ 292 | |
| 281 | | | | 18" X 14" To 16" X 12" Ductwork Reducer | 1 | 0% | 1 | EA | 0.900 | 0.9 | \$ 85.0 | \$ 76.5 | \$ 225.0 | \$ 225.0 | \$ 302 | |
| 282 | | | | 20" X 10" To 16" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.992 | 1.0 | \$ 85.0 | \$ 84.3 | \$ 248.0 | \$ 248.0 | \$ 332 | |
| 283 | | | | 20" X 10" To 20" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 1.008 | 1.0 | \$ 85.0 | \$ 85.7 | \$ 252.0 | \$ 252.0 | \$ 338 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|----------------------------|------------|--------|----------|--|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 284 | | | | 20" X 12" To 12" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 1.000 | 1.0 | \$ 85.0 | \$ 85.0 | \$ 250.00 | \$ 250.0 | \$ 335 | |
| 285 | | | | 20" X 8" To 14" X 8" Ductwork Reducer | 1 | 0% | 1 | EA | 0.992 | 1.0 | \$ 85.0 | \$ 84.3 | \$ 248.00 | \$ 248.0 | \$ 332 | |
| 286 | | | | 22" X 10" To 18" X 10" Ductwork Reducer | 1 | 0% | 1 | EA | 1.068 | 1.1 | \$ 85.0 | \$ 90.8 | \$ 267.00 | \$ 267.0 | \$ 358 | |
| DAMPERS | | | | | | | | | | | | | | | | |
| 287 | | | | 6" Dia Round Fire Damper | 7 | 0% | 7 | EA | 0.536 | 3.8 | \$ 85.0 | \$ 318.9 | \$ 134.00 | \$ 938.0 | \$ 1,257 | |
| 288 | | | | 8" Dia Round Fire Damper | 9 | 0% | 9 | EA | 0.636 | 5.7 | \$ 85.0 | \$ 486.5 | \$ 159.00 | \$ 1,431.0 | \$ 1,918 | |
| 289 | | | | 6" Dia Round Manual Volume Damper | 28 | 0% | 28 | EA | 0.504 | 14.1 | \$ 85.0 | \$ 1,199.5 | \$ 126.00 | \$ 3,528.0 | \$ 4,728 | |
| 290 | | | | 8" Dia Round Manual Volume Damper | 46 | 0% | 46 | EA | 0.592 | 27.2 | \$ 85.0 | \$ 2,314.7 | \$ 148.00 | \$ 6,808.0 | \$ 9,123 | |
| 291 | | | | 10" Dia Round Manual Volume Damper | 22 | 0% | 22 | EA | 0.668 | 14.7 | \$ 85.0 | \$ 1,249.2 | \$ 167.00 | \$ 3,674.0 | \$ 4,923 | |
| 292 | | | | 12" Dia Round Manual Volume Damper | 5 | 0% | 5 | EA | 0.752 | 3.8 | \$ 85.0 | \$ 319.6 | \$ 188.00 | \$ 940.0 | \$ 1,260 | |
| 293 | | | | 6" X 6" Rectangular Manual Volume Damper | 26 | 0% | 26 | EA | 0.528 | 13.7 | \$ 85.0 | \$ 1,166.9 | \$ 132.00 | \$ 3,432.0 | \$ 4,599 | |
| 294 | | | | 8" X 6" Rectangular Manual Volume Damper | 23 | 0% | 23 | EA | 0.608 | 14.0 | \$ 85.0 | \$ 1,188.6 | \$ 152.00 | \$ 3,496.0 | \$ 4,685 | |
| 295 | | | | 10" X 6" Rectangular Manual Volume Damper | 7 | 0% | 7 | EA | 0.680 | 4.8 | \$ 85.0 | \$ 404.6 | \$ 170.00 | \$ 1,190.0 | \$ 1,595 | |
| 296 | | | | 10" X 8" Rectangular Manual Volume Damper | 3 | 0% | 3 | EA | 0.696 | 2.1 | \$ 85.0 | \$ 177.5 | \$ 174.00 | \$ 522.0 | \$ 699 | |
| 297 | | | | 12" X 6" Rectangular Manual Volume Damper | 6 | 0% | 6 | EA | 0.784 | 4.7 | \$ 85.0 | \$ 399.8 | \$ 196.00 | \$ 1,176.0 | \$ 1,576 | |
| 298 | | | | 12" X 8" Rectangular Manual Volume Damper | 1 | 0% | 1 | EA | 0.796 | 0.8 | \$ 85.0 | \$ 67.7 | \$ 199.00 | \$ 199.0 | \$ 267 | |
| 299 | | | | 12" X 10" Rectangular Manual Volume Damper | 3 | 0% | 3 | EA | 0.808 | 2.4 | \$ 85.0 | \$ 206.0 | \$ 202.00 | \$ 606.0 | \$ 812 | |
| 300 | | | | 14" X 6" Rectangular Manual Volume Damper | 1 | 0% | 1 | EA | 0.880 | 0.9 | \$ 85.0 | \$ 74.8 | \$ 220.00 | \$ 220.0 | \$ 295 | |
| 301 | | | | 14" X 10" Rectangular Manual Volume Damper | 2 | 0% | 2 | EA | 0.912 | 1.8 | \$ 85.0 | \$ 155.0 | \$ 228.00 | \$ 456.0 | \$ 611 | |
| 302 | | | | 16" X 8" Rectangular Manual Volume Damper | 1 | 0% | 1 | EA | 0.976 | 1.0 | \$ 85.0 | \$ 83.0 | \$ 244.00 | \$ 244.0 | \$ 327 | |
| 303 | | | | 16" X 12" Rectangular Manual Volume Damper | 2 | 0% | 2 | EA | 1.012 | 2.0 | \$ 85.0 | \$ 172.0 | \$ 253.00 | \$ 506.0 | \$ 678 | |
| 304 | | | | 22" X 12" Rectangular Manual Volume Damper | 1 | 0% | 1 | EA | 1.224 | 1.2 | \$ 85.0 | \$ 104.0 | \$ 306.00 | \$ 306.0 | \$ 410 | |
| 305 | | | | 14" X 8" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 0.936 | 0.9 | \$ 85.0 | \$ 79.6 | \$ 234.00 | \$ 234.0 | \$ 314 | |
| 306 | | | | 30" X 14" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 1.580 | 1.6 | \$ 85.0 | \$ 134.3 | \$ 395.00 | \$ 395.0 | \$ 529 | |
| 307 | | | | 32" X 14" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 1.648 | 1.6 | \$ 85.0 | \$ 140.1 | \$ 412.00 | \$ 412.0 | \$ 552 | |
| 308 | | | | 32" X 20" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 1.712 | 1.7 | \$ 85.0 | \$ 145.5 | \$ 428.00 | \$ 428.0 | \$ 574 | |
| 309 | | | | 34" X 12" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 1.792 | 1.8 | \$ 85.0 | \$ 152.3 | \$ 448.00 | \$ 448.0 | \$ 600 | |
| 310 | | | | 34" X 14" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 1.868 | 1.9 | \$ 85.0 | \$ 158.8 | \$ 467.00 | \$ 467.0 | \$ 626 | |
| 311 | | | | 38" X 18" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 2.000 | 2.0 | \$ 85.0 | \$ 170.0 | \$ 500.00 | \$ 500.0 | \$ 670 | |
| 312 | | | | 18" X 10" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 1.072 | 1.1 | \$ 85.0 | \$ 91.1 | \$ 268.00 | \$ 268.0 | \$ 359 | |
| 313 | | | | 18" X 12" Rectangular Fire And Smoke Damper | 1 | 0% | 1 | EA | 1.100 | 1.1 | \$ 85.0 | \$ 93.5 | \$ 275.00 | \$ 275.0 | \$ 369 | |
| 314 | | | | 8" X 6" Rectangular Motorized Damper | 1 | 0% | 1 | EA | 0.624 | 0.6 | \$ 85.0 | \$ 53.0 | \$ 156.00 | \$ 156.0 | \$ 209 | |
| 315 | | | | 10" X 6" Rectangular Motorized Damper | 2 | 0% | 2 | EA | 0.700 | 1.4 | \$ 85.0 | \$ 119.0 | \$ 175.00 | \$ 350.0 | \$ 469 | |
| 316 | | | | 18" X 10" Rectangular Motorized Damper | 1 | 0% | 1 | EA | 1.200 | 1.2 | \$ 85.0 | \$ 102.0 | \$ 300.00 | \$ 300.0 | \$ 402 | |
| 317 | | | | 8" Dia Fire Damper | 1 | 0% | 1 | EA | 0.636 | 0.6 | \$ 85.0 | \$ 54.1 | \$ 159.00 | \$ 159.0 | \$ 213 | |
| 318 | | | | 6" X 6" Rectangular Fire Damper | 2 | 0% | 2 | EA | 0.552 | 1.1 | \$ 85.0 | \$ 93.8 | \$ 138.00 | \$ 276.0 | \$ 370 | |
| 319 | | | | 8" X 6" Rectangular Fire Damper | 6 | 0% | 6 | EA | 0.656 | 3.9 | \$ 85.0 | \$ 334.6 | \$ 164.00 | \$ 984.0 | \$ 1,319 | |
| 320 | | | | 8" X 8" Rectangular Fire Damper | 2 | 0% | 2 | EA | 0.672 | 1.3 | \$ 85.0 | \$ 114.2 | \$ 168.00 | \$ 336.0 | \$ 450 | |
| 321 | | | | 16" X 8" Rectangular Fire Damper | 1 | 0% | 1 | EA | 1.016 | 1.0 | \$ 85.0 | \$ 86.4 | \$ 254.00 | \$ 254.0 | \$ 340 | |
| 322 | | | | 10" X 6" Rectangular Fire Damper | 5 | 0% | 5 | EA | 0.756 | 3.8 | \$ 85.0 | \$ 321.3 | \$ 189.00 | \$ 945.0 | \$ 1,266 | |
| 323 | | | | 10" X 8" Rectangular Fire Damper | 1 | 0% | 1 | EA | 0.768 | 0.8 | \$ 85.0 | \$ 65.3 | \$ 192.00 | \$ 192.0 | \$ 257 | |
| 324 | | | | 12" X 10" Rectangular Fire Damper | 5 | 0% | 5 | EA | 0.872 | 4.4 | \$ 85.0 | \$ 370.6 | \$ 218.00 | \$ 1,090.0 | \$ 1,461 | |
| 325 | | | | 12" X 12" Rectangular Fire Damper | 2 | 0% | 2 | EA | 0.896 | 1.8 | \$ 85.0 | \$ 152.3 | \$ 224.00 | \$ 448.0 | \$ 600 | |
| 326 | | | | 14" X 12" Rectangular Fire Damper | 1 | 0% | 1 | EA | 0.980 | 1.0 | \$ 85.0 | \$ 83.3 | \$ 245.00 | \$ 245.0 | \$ 328 | |
| 327 | | | | 14" X 6" Rectangular Fire Damper | 1 | 0% | 1 | EA | 0.952 | 1.0 | \$ 85.0 | \$ 80.9 | \$ 238.00 | \$ 238.0 | \$ 319 | |
| 328 | | | | 16" X 10" Rectangular Fire Damper | 1 | 0% | 1 | EA | 1.068 | 1.1 | \$ 85.0 | \$ 90.8 | \$ 267.00 | \$ 267.0 | \$ 358 | |
| 329 | | | | 18" X 10" Rectangular Fire Damper | 3 | 0% | 3 | EA | 1.112 | 3.3 | \$ 85.0 | \$ 283.6 | \$ 278.00 | \$ 834.0 | \$ 1,118 | |
| 330 | | | | 20" X 10" Rectangular Fire Damper | 3 | 0% | 3 | EA | 1.180 | 3.5 | \$ 85.0 | \$ 300.9 | \$ 295.00 | \$ 885.0 | \$ 1,186 | |
| 331 | | | | 22" X 10" Rectangular Fire Damper | 3 | 0% | 3 | EA | 1.272 | 3.8 | \$ 85.0 | \$ 324.4 | \$ 318.00 | \$ 954.0 | \$ 1,278 | |
| 332 | | | | 22" X 12" Rectangular Fire Damper | 2 | 0% | 2 | EA | 1.288 | 2.6 | \$ 85.0 | \$ 219.0 | \$ 322.00 | \$ 644.0 | \$ 863 | |
| 333 | | | | 24" X 18" Rectangular Fire Damper | 1 | 0% | 1 | EA | 1.392 | 1.4 | \$ 85.0 | \$ 118.3 | \$ 348.00 | \$ 348.0 | \$ 466 | |
| HVAC DEVICES | | | | | | | | | | | | | | | | |
| EXHAUST AIR GRILLES | | | | | | | | | | | | | | | | |
| 334 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 100 | 3 | 0% | 3 | EA | 0.912 | 2.7 | \$ 85.0 | \$ 232.6 | \$ 228.00 | \$ 684.0 | \$ 917 | |
| 335 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 105 | 1 | 0% | 1 | EA | 0.936 | 0.9 | \$ 85.0 | \$ 79.6 | \$ 234.00 | \$ 234.0 | \$ 314 | |
| 336 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 115 | 1 | 0% | 1 | EA | 0.992 | 1.0 | \$ 85.0 | \$ 84.3 | \$ 248.00 | \$ 248.0 | \$ 332 | |
| 337 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 1170 | 2 | 0% | 2 | EA | 5.460 | 10.9 | \$ 85.0 | \$ 928.2 | \$ 1,365.00 | \$ 2,730.0 | \$ 3,658 | |
| 338 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 135 | 1 | 0% | 1 | EA | 1.068 | 1.1 | \$ 85.0 | \$ 90.8 | \$ 267.00 | \$ 267.0 | \$ 358 | |
| 339 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 150 | 13 | 0% | 13 | EA | 1.152 | 15.0 | \$ 85.0 | \$ 1,273.0 | \$ 288.00 | \$ 3,744.0 | \$ 5,017 | |
| 340 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 160 | 2 | 0% | 2 | EA | 1.196 | 2.4 | \$ 85.0 | \$ 203.3 | \$ 299.00 | \$ 598.0 | \$ 801 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|--------|------------|--------|----------|---|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 341 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 165 | 3 | 0% | 3 | EA | 1.216 | 3.6 | \$ 85.0 | \$ 310.1 | \$ 304.00 | \$ 912.0 | \$ 1,222 | |
| 342 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 175 | 1 | 0% | 1 | EA | 1.248 | 1.2 | \$ 85.0 | \$ 106.1 | \$ 312.00 | \$ 312.0 | \$ 418 | |
| 343 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 205 | 2 | 0% | 2 | EA | 1.368 | 2.7 | \$ 85.0 | \$ 232.6 | \$ 342.00 | \$ 684.0 | \$ 917 | |
| 344 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 225 | 1 | 0% | 1 | EA | 1.468 | 1.5 | \$ 85.0 | \$ 124.8 | \$ 367.00 | \$ 367.0 | \$ 492 | |
| 345 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 255 | 1 | 0% | 1 | EA | 1.568 | 1.6 | \$ 85.0 | \$ 133.3 | \$ 392.00 | \$ 392.0 | \$ 525 | |
| 346 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 265 | 1 | 0% | 1 | EA | 1.604 | 1.6 | \$ 85.0 | \$ 136.3 | \$ 401.00 | \$ 401.0 | \$ 537 | |
| 347 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 285 | 1 | 0% | 1 | EA | 1.688 | 1.7 | \$ 85.0 | \$ 143.5 | \$ 422.00 | \$ 422.0 | \$ 565 | |
| 348 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 290 | 2 | 0% | 2 | EA | 1.720 | 3.4 | \$ 85.0 | \$ 292.4 | \$ 430.00 | \$ 860.0 | \$ 1,152 | |
| 349 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 325 | 1 | 0% | 1 | EA | 1.872 | 1.9 | \$ 85.0 | \$ 159.1 | \$ 468.00 | \$ 468.0 | \$ 627 | |
| 350 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 335 | 1 | 0% | 1 | EA | 1.936 | 1.9 | \$ 85.0 | \$ 164.6 | \$ 484.00 | \$ 484.0 | \$ 649 | |
| 351 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 370 | 1 | 0% | 1 | EA | 2.088 | 2.1 | \$ 85.0 | \$ 177.5 | \$ 522.00 | \$ 522.0 | \$ 699 | |
| 352 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 400 | 2 | 0% | 2 | EA | 2.236 | 4.5 | \$ 85.0 | \$ 380.1 | \$ 559.00 | \$ 1,118.0 | \$ 1,498 | |
| 353 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 485 | 1 | 0% | 1 | EA | 2.536 | 2.5 | \$ 85.0 | \$ 215.6 | \$ 634.00 | \$ 634.0 | \$ 850 | |
| 354 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 50 | 1 | 0% | 1 | EA | 0.700 | 0.7 | \$ 85.0 | \$ 59.5 | \$ 175.00 | \$ 175.0 | \$ 235 | |
| 355 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 570 | 1 | 0% | 1 | EA | 2.944 | 2.9 | \$ 85.0 | \$ 250.2 | \$ 736.00 | \$ 736.0 | \$ 986 | |
| 356 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 75 | 13 | 0% | 13 | EA | 0.792 | 10.3 | \$ 85.0 | \$ 875.2 | \$ 198.00 | \$ 2,574.0 | \$ 3,449 | |
| 357 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 95 | 1 | 0% | 1 | EA | 0.872 | 0.9 | \$ 85.0 | \$ 74.1 | \$ 218.00 | \$ 218.0 | \$ 292 | |
| 358 | | | | Ead1, 22" X 22" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 75 | 2 | 0% | 2 | EA | 0.792 | 1.6 | \$ 85.0 | \$ 134.6 | \$ 198.00 | \$ 396.0 | \$ 531 | |
| 359 | | | | Ead2, 12" X 12" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 150 | 6 | 0% | 6 | EA | 0.984 | 5.9 | \$ 85.0 | \$ 501.8 | \$ 246.00 | \$ 1,476.0 | \$ 1,978 | |
| 360 | | | | Ead2, 12" X 12" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 215 | 1 | 0% | 1 | EA | 1.352 | 1.4 | \$ 85.0 | \$ 114.9 | \$ 338.00 | \$ 338.0 | \$ 453 | |
| 361 | | | | Ead2, 12" X 12" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 75 | 8 | 0% | 8 | EA | 0.596 | 4.8 | \$ 85.0 | \$ 405.3 | \$ 149.00 | \$ 1,192.0 | \$ 1,597 | |
| 362 | | | | Ead3, 12" X 10" Exhaust Grille, Manufacturer: Price, Model: 80-Fr, Cfm: 500 | 1 | 0% | 1 | EA | 2.744 | 2.7 | \$ 85.0 | \$ 233.2 | \$ 686.00 | \$ 686.0 | \$ 919 | |
| 363 | | | | Ead3, 8" X 8" Exhaust Grille, Manufacturer: Price, Model: 80-Fr, Cfm: 200 | 2 | 0% | 2 | EA | 1.100 | 2.2 | \$ 85.0 | \$ 187.0 | \$ 275.00 | \$ 550.0 | \$ 737 | |
| 364 | | | | Ead4, 18" X 12" Exhaust Grille, Manufacturer: Price, Model: Pdr, Cfm: 1200 | 1 | 0% | 1 | EA | 5.744 | 5.7 | \$ 85.0 | \$ 488.2 | \$ 1,436.00 | \$ 1,436.0 | \$ 1,924 | |
| 365 | | | | Ead5, 14" X 6" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 300 | 1 | 0% | 1 | EA | 1.752 | 1.8 | \$ 85.0 | \$ 148.9 | \$ 438.00 | \$ 438.0 | \$ 587 | |
| 366 | | | | Ead5, 6" X 6" Exhaust Grille, Manufacturer: Price, Model: 80-Ff, Cfm: 75 | 1 | 0% | 1 | EA | 0.664 | 0.7 | \$ 85.0 | \$ 56.4 | \$ 166.00 | \$ 166.0 | \$ 222 | |
| | | | | OUTSIDE AIR GRILLES | | | | | | | | | | | | |
| 367 | | | | Oal1, 48" X 42" Outside Air Louver, Manufacturer: Greenheck, Model: Evh-501D | 1 | 0% | 1 | EA | 1.780 | 1.8 | \$ 85.0 | \$ 151.3 | \$ 445.00 | \$ 445.0 | \$ 596 | |
| | | | | RETURN AIR GRILLES | | | | | | | | | | | | |
| 368 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 105 | 1 | 0% | 1 | EA | 0.936 | 0.9 | \$ 85.0 | \$ 79.6 | \$ 234.00 | \$ 234.0 | \$ 314 | |
| 369 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 110 | 1 | 0% | 1 | EA | 0.960 | 1.0 | \$ 85.0 | \$ 81.6 | \$ 240.00 | \$ 240.0 | \$ 322 | |
| 370 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 125 | 1 | 0% | 1 | EA | 1.008 | 1.0 | \$ 85.0 | \$ 85.7 | \$ 252.00 | \$ 252.0 | \$ 338 | |
| 371 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 135 | 1 | 0% | 1 | EA | 1.068 | 1.1 | \$ 85.0 | \$ 90.8 | \$ 267.00 | \$ 267.0 | \$ 358 | |
| 372 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 140 | 4 | 0% | 4 | EA | 1.108 | 4.4 | \$ 85.0 | \$ 376.7 | \$ 277.00 | \$ 1,108.0 | \$ 1,485 | |
| 373 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 145 | 1 | 0% | 1 | EA | 1.128 | 1.1 | \$ 85.0 | \$ 95.9 | \$ 282.00 | \$ 282.0 | \$ 378 | |
| 374 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 150 | 2 | 0% | 2 | EA | 1.152 | 2.3 | \$ 85.0 | \$ 195.8 | \$ 288.00 | \$ 576.0 | \$ 772 | |
| 375 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 155 | 2 | 0% | 2 | EA | 1.176 | 2.4 | \$ 85.0 | \$ 199.9 | \$ 294.00 | \$ 588.0 | \$ 788 | |
| 376 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 1570 | 1 | 0% | 1 | EA | 7.320 | 7.3 | \$ 85.0 | \$ 622.2 | \$ 1,830.00 | \$ 1,830.0 | \$ 2,452 | |
| 377 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 160 | 1 | 0% | 1 | EA | 1.200 | 1.2 | \$ 85.0 | \$ 102.0 | \$ 300.00 | \$ 300.0 | \$ 402 | |
| 378 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 165 | 2 | 0% | 2 | EA | 1.232 | 2.5 | \$ 85.0 | \$ 209.4 | \$ 308.00 | \$ 616.0 | \$ 825 | |
| 379 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 170 | 1 | 0% | 1 | EA | 1.264 | 1.3 | \$ 85.0 | \$ 107.4 | \$ 316.00 | \$ 316.0 | \$ 423 | |
| 380 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 185 | 1 | 0% | 1 | EA | 1.280 | 1.3 | \$ 85.0 | \$ 108.8 | \$ 320.00 | \$ 320.0 | \$ 429 | |
| 381 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 190 | 1 | 0% | 1 | EA | 1.308 | 1.3 | \$ 85.0 | \$ 111.2 | \$ 327.00 | \$ 327.0 | \$ 438 | |
| 382 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 200 | 2 | 0% | 2 | EA | 1.348 | 2.7 | \$ 85.0 | \$ 229.2 | \$ 337.00 | \$ 674.0 | \$ 903 | |
| 383 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 215 | 1 | 0% | 1 | EA | 1.432 | 1.4 | \$ 85.0 | \$ 121.7 | \$ 358.00 | \$ 358.0 | \$ 480 | |
| | | | | | | 0% | 3 | EA | 1.508 | 4.5 | \$ 85.0 | \$ 384.5 | \$ 377.00 | \$ 1,131.0 | \$ 1,516 | |
| 384 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 235 | 3 | 0% | 3 | EA | 1.508 | 4.5 | \$ 85.0 | \$ 384.5 | \$ 377.00 | \$ 1,131.0 | \$ 1,516 | |
| 385 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 240 | 1 | 0% | 1 | EA | 1.528 | 1.5 | \$ 85.0 | \$ 129.9 | \$ 382.00 | \$ 382.0 | \$ 512 | |
| 386 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 265 | 1 | 0% | 1 | EA | 1.604 | 1.6 | \$ 85.0 | \$ 136.3 | \$ 401.00 | \$ 401.0 | \$ 537 | |
| 387 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 300 | 2 | 0% | 2 | EA | 1.760 | 3.5 | \$ 85.0 | \$ 299.2 | \$ 440.00 | \$ 880.0 | \$ 1,179 | |
| 388 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 395 | 1 | 0% | 1 | EA | 2.208 | 2.2 | \$ 85.0 | \$ 187.7 | \$ 552.00 | \$ 552.0 | \$ 740 | |
| 389 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 405 | 1 | 0% | 1 | EA | 2.264 | 2.3 | \$ 85.0 | \$ 192.4 | \$ 566.00 | \$ 566.0 | \$ 758 | |
| 390 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 480 | 1 | 0% | 1 | EA | 2.500 | 2.5 | \$ 85.0 | \$ 212.5 | \$ 625.00 | \$ 625.0 | \$ 838 | |
| 391 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 75 | 5 | 0% | 5 | EA | 0.792 | 4.0 | \$ 85.0 | \$ 336.6 | \$ 198.00 | \$ 990.0 | \$ 1,327 | |
| 392 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 95 | 1 | 0% | 1 | EA | 0.872 | 0.9 | \$ 85.0 | \$ 74.1 | \$ 218.00 | \$ 218.0 | \$ 292 | |
| 393 | | | | Rad1, 22" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 975 | 2 | 0% | 2 | EA | 4.720 | 9.4 | \$ 85.0 | \$ 802.4 | \$ 1,180.00 | \$ 2,360.0 | \$ 3,162 | |
| 394 | | | | Rad2, 12" X 10" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 500 | 1 | 0% | 1 | EA | 2.736 | 2.7 | \$ 85.0 | \$ 232.6 | \$ 684.00 | \$ 684.0 | \$ 917 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|--------|------------|--------|----------|---|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 395 | | | | Rad2, 12" X 12" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 75 | 1 | 0% | 1 | EA | 0.596 | 0.6 | \$ 85.0 | \$ 50.7 | \$ 149.00 | \$ 149.0 | \$ 200 | |
| 396 | | | | Rad2, 12" X 6" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 270 | 1 | 0% | 1 | EA | 1.472 | 1.5 | \$ 85.0 | \$ 125.1 | \$ 368.00 | \$ 368.0 | \$ 493 | |
| 397 | | | | Rad2, 14" X 12" Return Diffuser, Manufacturer: Price, Model: 80-Fr, Cfm: 800 | 1 | 0% | 1 | EA | 3.792 | 3.8 | \$ 85.0 | \$ 322.3 | \$ 948.00 | \$ 948.0 | \$ 1,270 | |
| 398 | | | | 1425 | 1 | 0% | 1 | EA | 6.740 | 6.7 | \$ 85.0 | \$ 572.9 | \$ 1,685.00 | \$ 1,685.0 | \$ 2,258 | |
| 399 | | | | 1500 | 2 | 0% | 2 | EA | 6.952 | 13.9 | \$ 85.0 | \$ 1,181.8 | \$ 1,738.00 | \$ 3,476.0 | \$ 4,658 | |
| 400 | | | | Rad3, 10" X 10" Return Diffuser, Manufacturer: Price, Model: 96-Fh, Cfm: 250 | 1 | 0% | 1 | EA | 1.536 | 1.5 | \$ 85.0 | \$ 130.6 | \$ 384.00 | \$ 384.0 | \$ 515 | |
| 401 | | | | Rad3, 14" X 14" Return Diffuser, Manufacturer: Price, Model: 96-Fh, Cfm: 620 | 1 | 0% | 1 | EA | 3.180 | 3.2 | \$ 85.0 | \$ 270.3 | \$ 795.00 | \$ 795.0 | \$ 1,065 | |
| 402 | | | | Rad3, 16" X 16" Return Diffuser, Manufacturer: Price, Model: 96-Fh, Cfm: 850 | 2 | 0% | 2 | EA | 3.984 | 8.0 | \$ 85.0 | \$ 677.3 | \$ 996.00 | \$ 1,992.0 | \$ 2,669 | |
| 403 | | | | Rad4, 18" X 10" Return Diffuser, Manufacturer: Price, Model: Pdr, Cfm: 960 | 1 | 0% | 1 | EA | 4.496 | 4.5 | \$ 85.0 | \$ 382.2 | \$ 1,124.00 | \$ 1,124.0 | \$ 1,506 | |
| 404 | | | | Rad5, 12" X 12" Return Diffuser, Manufacturer: Price, Model: 80-Ff, Cfm: 75 | 2 | 0% | 2 | EA | 0.596 | 1.2 | \$ 85.0 | \$ 101.3 | \$ 149.00 | \$ 298.0 | \$ 399 | |
| 405 | | | | Rad5, 12" X 22" Return Diffuser, Manufacturer: Price, Model: 80-Ff, Cfm: 75 | 1 | 0% | 1 | EA | 0.596 | 0.6 | \$ 85.0 | \$ 50.7 | \$ 149.00 | \$ 149.0 | \$ 200 | |
| 406 | | | | 90 | 1 | 0% | 1 | EA | 1.136 | 1.1 | \$ 85.0 | \$ 96.6 | \$ 284.00 | \$ 284.0 | \$ 381 | |
| | | | | SUPPLY AIR GRILLES | | | | | | | | | | | | |
| 407 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 100 | 2 | 0% | 2 | EA | 1.188 | 2.4 | \$ 85.0 | \$ 202.0 | \$ 297.00 | \$ 594.0 | \$ 796 | |
| 408 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 105 | 1 | 0% | 1 | EA | 1.208 | 1.2 | \$ 85.0 | \$ 102.7 | \$ 302.00 | \$ 302.0 | \$ 405 | |
| 409 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 110 | 1 | 0% | 1 | EA | 1.236 | 1.2 | \$ 85.0 | \$ 105.1 | \$ 309.00 | \$ 309.0 | \$ 414 | |
| 410 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 115 | 1 | 0% | 1 | EA | 1.264 | 1.3 | \$ 85.0 | \$ 107.4 | \$ 316.00 | \$ 316.0 | \$ 423 | |
| 411 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 120 | 3 | 0% | 3 | EA | 1.288 | 3.9 | \$ 85.0 | \$ 328.4 | \$ 322.00 | \$ 966.0 | \$ 1,294 | |
| 412 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 125 | 4 | 0% | 4 | EA | 1.312 | 5.2 | \$ 85.0 | \$ 446.1 | \$ 328.00 | \$ 1,312.0 | \$ 1,758 | |
| 413 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 130 | 3 | 0% | 3 | EA | 1.336 | 4.0 | \$ 85.0 | \$ 340.7 | \$ 334.00 | \$ 1,002.0 | \$ 1,343 | |
| 414 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 135 | 2 | 0% | 2 | EA | 1.360 | 2.7 | \$ 85.0 | \$ 231.2 | \$ 340.00 | \$ 680.0 | \$ 911 | |
| 415 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 140 | 6 | 0% | 6 | EA | 1.384 | 8.3 | \$ 85.0 | \$ 705.8 | \$ 346.00 | \$ 2,076.0 | \$ 2,782 | |
| 416 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 145 | 1 | 0% | 1 | EA | 1.408 | 1.4 | \$ 85.0 | \$ 119.7 | \$ 352.00 | \$ 352.0 | \$ 472 | |
| 417 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 150 | 13 | 0% | 13 | EA | 1.436 | 18.7 | \$ 85.0 | \$ 1,586.8 | \$ 359.00 | \$ 4,667.0 | \$ 6,254 | |
| 418 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 155 | 2 | 0% | 2 | EA | 1.464 | 2.9 | \$ 85.0 | \$ 248.9 | \$ 366.00 | \$ 732.0 | \$ 981 | |
| 419 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 160 | 2 | 0% | 2 | EA | 1.488 | 3.0 | \$ 85.0 | \$ 253.0 | \$ 372.00 | \$ 744.0 | \$ 997 | |
| 420 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 170 | 1 | 0% | 1 | EA | 1.536 | 1.5 | \$ 85.0 | \$ 130.6 | \$ 384.00 | \$ 384.0 | \$ 515 | |
| 421 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 180 | 1 | 0% | 1 | EA | 1.588 | 1.6 | \$ 85.0 | \$ 135.0 | \$ 397.00 | \$ 397.0 | \$ 532 | |
| 422 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 185 | 2 | 0% | 2 | EA | 1.616 | 3.2 | \$ 85.0 | \$ 274.7 | \$ 404.00 | \$ 808.0 | \$ 1,083 | |
| 423 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 190 | 1 | 0% | 1 | EA | 1.640 | 1.6 | \$ 85.0 | \$ 139.4 | \$ 410.00 | \$ 410.0 | \$ 549 | |
| 424 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 200 | 5 | 0% | 5 | EA | 1.688 | 8.4 | \$ 85.0 | \$ 717.4 | \$ 422.00 | \$ 2,110.0 | \$ 2,827 | |
| 425 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 205 | 2 | 0% | 2 | EA | 1.716 | 3.4 | \$ 85.0 | \$ 291.7 | \$ 429.00 | \$ 858.0 | \$ 1,150 | |
| 426 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 210 | 1 | 0% | 1 | EA | 1.744 | 1.7 | \$ 85.0 | \$ 148.2 | \$ 436.00 | \$ 436.0 | \$ 584 | |
| 427 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 215 | 2 | 0% | 2 | EA | 1.768 | 3.5 | \$ 85.0 | \$ 300.6 | \$ 442.00 | \$ 884.0 | \$ 1,185 | |
| 428 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 230 | 1 | 0% | 1 | EA | 1.860 | 1.9 | \$ 85.0 | \$ 158.1 | \$ 465.00 | \$ 465.0 | \$ 623 | |
| 429 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 235 | 4 | 0% | 4 | EA | 1.888 | 7.6 | \$ 85.0 | \$ 641.9 | \$ 472.00 | \$ 1,888.0 | \$ 2,530 | |
| 430 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 240 | 8 | 0% | 8 | EA | 1.912 | 15.3 | \$ 85.0 | \$ 1,300.2 | \$ 478.00 | \$ 3,824.0 | \$ 5,124 | |
| 431 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 25 | 1 | 0% | 1 | EA | 0.848 | 0.8 | \$ 85.0 | \$ 72.1 | \$ 212.00 | \$ 212.0 | \$ 284 | |
| 432 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 255 | 1 | 0% | 1 | EA | 1.996 | 2.0 | \$ 85.0 | \$ 169.7 | \$ 499.00 | \$ 499.0 | \$ 669 | |
| 433 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 265 | 1 | 0% | 1 | EA | 2.048 | 2.0 | \$ 85.0 | \$ 174.1 | \$ 512.00 | \$ 512.0 | \$ 686 | |
| 434 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 275 | 1 | 0% | 1 | EA | 2.096 | 2.1 | \$ 85.0 | \$ 178.2 | \$ 524.00 | \$ 524.0 | \$ 702 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|--------|------------|--------|----------|---|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 435 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 300 | 2 | 0% | 2 | EA | 2.224 | 4.4 | \$ 85.0 | \$ 378.1 | \$ 556.00 | \$ 1,112.0 | \$ 1,490 | |
| 436 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 335 | 1 | 0% | 1 | EA | 2.376 | 2.4 | \$ 85.0 | \$ 202.0 | \$ 594.00 | \$ 594.0 | \$ 796 | |
| 437 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 390 | 3 | 0% | 3 | EA | 2.664 | 8.0 | \$ 85.0 | \$ 679.3 | \$ 666.00 | \$ 1,998.0 | \$ 2,677 | |
| 438 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 395 | 1 | 0% | 1 | EA | 2.696 | 2.7 | \$ 85.0 | \$ 229.2 | \$ 674.00 | \$ 674.0 | \$ 903 | |
| 439 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 400 | 1 | 0% | 1 | EA | 2.728 | 2.7 | \$ 85.0 | \$ 231.9 | \$ 682.00 | \$ 682.0 | \$ 914 | |
| 440 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 495 | 1 | 0% | 1 | EA | 3.192 | 3.2 | \$ 85.0 | \$ 271.3 | \$ 798.00 | \$ 798.0 | \$ 1,069 | |
| 441 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 50 | 1 | 0% | 1 | EA | 0.912 | 0.9 | \$ 85.0 | \$ 77.5 | \$ 228.00 | \$ 228.0 | \$ 306 | |
| 442 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 55 | 1 | 0% | 1 | EA | 0.936 | 0.9 | \$ 85.0 | \$ 79.6 | \$ 234.00 | \$ 234.0 | \$ 314 | |
| 443 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 60 | 10 | 0% | 10 | EA | 0.972 | 9.7 | \$ 85.0 | \$ 826.2 | \$ 243.00 | \$ 2,430.0 | \$ 3,256 | |
| 444 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 70 | 3 | 0% | 3 | EA | 1.008 | 3.0 | \$ 85.0 | \$ 257.0 | \$ 252.00 | \$ 756.0 | \$ 1,013 | |
| 445 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 75 | 27 | 0% | 27 | EA | 1.036 | 28.0 | \$ 85.0 | \$ 2,377.6 | \$ 259.00 | \$ 6,993.0 | \$ 9,371 | |
| 446 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 85 | 4 | 0% | 4 | EA | 1.088 | 4.4 | \$ 85.0 | \$ 369.9 | \$ 272.00 | \$ 1,088.0 | \$ 1,458 | |
| 447 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 90 | 2 | 0% | 2 | EA | 1.120 | 2.2 | \$ 85.0 | \$ 190.4 | \$ 280.00 | \$ 560.0 | \$ 750 | |
| 448 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 95 | 1 | 0% | 1 | EA | 1.156 | 1.2 | \$ 85.0 | \$ 98.3 | \$ 289.00 | \$ 289.0 | \$ 387 | |
| 449 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 975 | 2 | 0% | 2 | EA | 4.544 | 9.1 | \$ 85.0 | \$ 772.5 | \$ 1,136.00 | \$ 2,272.0 | \$ 3,044 | |
| 450 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 190 | 1 | 0% | 1 | EA | 1.640 | 1.6 | \$ 85.0 | \$ 139.4 | \$ 410.00 | \$ 410.0 | \$ 549 | |
| 451 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 40 | 1 | 0% | 1 | EA | 0.860 | 0.9 | \$ 85.0 | \$ 73.1 | \$ 215.00 | \$ 215.0 | \$ 288 | |
| 452 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 80 | 1 | 0% | 1 | EA | 1.060 | 1.1 | \$ 85.0 | \$ 90.1 | \$ 265.00 | \$ 265.0 | \$ 355 | |
| 453 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 85 | 2 | 0% | 2 | EA | 1.088 | 2.2 | \$ 85.0 | \$ 185.0 | \$ 272.00 | \$ 544.0 | \$ 729 | |
| 454 | | | | Slad2, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 150 | 2 | 0% | 2 | EA | 1.436 | 2.9 | \$ 85.0 | \$ 244.1 | \$ 359.00 | \$ 718.0 | \$ 962 | |
| 455 | | | | Slad1, 4'-0" Linear Supply Diffuser, Manufacturer: Price, Model: Cet-Js, Cfm: 100 | 1 | 0% | 1 | EA | 1.188 | 1.2 | \$ 85.0 | \$ 101.0 | \$ 297.00 | \$ 297.0 | \$ 398 | |
| 456 | | | | Sad2, 12" X 12" Supply Diffuser, Manufacturer: Price, Model: Aspd, Cfm: 140 | 1 | 0% | 1 | EA | 1.072 | 1.1 | \$ 85.0 | \$ 91.1 | \$ 268.00 | \$ 268.0 | \$ 359 | |
| 457 | | | | Sad2, 12" X 12" Supply Diffuser, Manufacturer: Price, Model: Aspd, Cfm: 75 | 9 | 0% | 9 | EA | 0.700 | 6.3 | \$ 85.0 | \$ 535.5 | \$ 175.00 | \$ 1,575.0 | \$ 2,111 | |
| 458 | | | | Sad2, 12" X 12" Supply Diffuser, Manufacturer: Price, Model: Aspd, Cfm: 80 | 1 | 0% | 1 | EA | 0.720 | 0.7 | \$ 85.0 | \$ 61.2 | \$ 180.00 | \$ 180.0 | \$ 241 | |
| 459 | | | | Sad3, 10" X 6" Supply Diffuser, Manufacturer: Price, Model: 520, Cfm: 200 | 2 | 0% | 2 | EA | 1.456 | 2.9 | \$ 85.0 | \$ 247.5 | \$ 364.00 | \$ 728.0 | \$ 976 | |
| 460 | | | | Sad3, 12" X 10" Supply Diffuser, Manufacturer: Price, Model: 520, Cfm: 500 | 2 | 0% | 2 | EA | 2.736 | 5.5 | \$ 85.0 | \$ 465.1 | \$ 684.00 | \$ 1,368.0 | \$ 1,833 | |
| 461 | | | | Sad3, 12" X 6" Supply Diffuser, Manufacturer: Price, Model: 520, Cfm: 270 | 1 | 0% | 1 | EA | 1.672 | 1.7 | \$ 85.0 | \$ 142.1 | \$ 418.00 | \$ 418.0 | \$ 560 | |
| 462 | | | | Sad3, 14" X 12" Supply Diffuser, Manufacturer: Price, Model: 520, Cfm: 800 | 1 | 0% | 1 | EA | 3.856 | 3.9 | \$ 85.0 | \$ 327.8 | \$ 964.00 | \$ 964.0 | \$ 1,292 | |
| 463 | | | | Sad3, 22" X 12" Supply Diffuser, Manufacturer: Price, Model: 520, Cfm: 100 | 1 | 0% | 1 | EA | 1.064 | 1.1 | \$ 85.0 | \$ 90.4 | \$ 266.00 | \$ 266.0 | \$ 356 | |
| 464 | | | | Sad3, 22" X 12" Supply Diffuser, Manufacturer: Price, Model: 520, Cfm: 1500 | 2 | 0% | 2 | EA | 7.500 | 15.0 | \$ 85.0 | \$ 1,275.0 | \$ 1,875.00 | \$ 3,750.0 | \$ 5,025 | |
| 465 | | | | Sad4, 24" X 24" Supply Diffuser, Manufacturer: Price, Model: Aspd, Cfm: 240 | 4 | 0% | 4 | EA | 1.596 | 6.4 | \$ 85.0 | \$ 542.6 | \$ 399.00 | \$ 1,596.0 | \$ 2,139 | |
| 466 | | | | Sad5, 24" X 24" Supply Diffuser, Manufacturer: Price, Model: Lfd, Cfm: 105 | 2 | 0% | 2 | EA | 1.056 | 2.1 | \$ 85.0 | \$ 179.5 | \$ 264.00 | \$ 528.0 | \$ 708 | |
| 467 | | | | Sad5, 24" X 48" Supply Diffuser, Manufacturer: Price, Model: Lfd, Cfm: 205 | 8 | 0% | 8 | EA | 1.512 | 12.1 | \$ 85.0 | \$ 1,028.2 | \$ 378.00 | \$ 3,024.0 | \$ 4,052 | |
| 468 | | | | Sad5, 24" X 48" Supply Diffuser, Manufacturer: Price, Model: Lfd, Cfm: 235 | 1 | 0% | 1 | EA | 1.640 | 1.6 | \$ 85.0 | \$ 139.4 | \$ 410.00 | \$ 410.0 | \$ 549 | |
| 469 | | | | Sad5, 48" X 24" Supply Diffuser, Manufacturer: Price, Model: Lfd, Cfm: 235 | 2 | 0% | 2 | EA | 1.944 | 3.9 | \$ 85.0 | \$ 330.5 | \$ 486.00 | \$ 972.0 | \$ 1,302 | |
| 470 | | | | Sad5, 48" X 24" Supply Diffuser, Manufacturer: Price, Model: Lfd, Cfm: 240 | 1 | 0% | 1 | EA | 1.980 | 2.0 | \$ 85.0 | \$ 168.3 | \$ 495.00 | \$ 495.0 | \$ 663 | |
| 471 | | | | Tad2, 22" X 22" Transfer Grille, Manufacturer: Price, Model: 80-Ff | 2 | 0% | 2 | EA | 1.328 | 2.7 | \$ 85.0 | \$ 225.8 | \$ 332.00 | \$ 664.0 | \$ 890 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|---|------------|--------|----------|--|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| HVAC DEVICES | | | | | | | | | | | | | | | | |
| 472 | | | | Control Cable | 830 | 10% | 913 | LF | 0.120 | 109.6 | \$ 85.0 | \$ 9,312.6 | \$ 1.25 | \$ 1,141.3 | \$ 10,454 | |
| 473 | | | | Duct Smoke Detector | 8 | 0% | 8 | EA | 1.500 | 12.0 | \$ 85.0 | \$ 1,020.0 | \$ 336.00 | \$ 2,688.0 | \$ 3,708 | |
| 474 | | | | Pressure Sensor | 5 | 0% | 5 | EA | 1.000 | 5.0 | \$ 85.0 | \$ 425.0 | \$ 180.00 | \$ 900.0 | \$ 1,325 | |
| 475 | | | | Thermostat | 70 | 0% | 70 | EA | 0.500 | 35.0 | \$ 85.0 | \$ 2,975.0 | \$ 98.00 | \$ 6,860.0 | \$ 9,835 | |
| HVAC PIPING | | | | | | | | | | | | | | | | |
| 476 | | | | 4" Dia Chilled Water Supply Pipe | 25 | 10% | 28 | LF | 0.260 | 7.3 | \$ 85.0 | \$ 618.8 | \$ 48.00 | \$ 1,344.0 | \$ 1,963 | |
| 477 | | | | 4" Dia Chilled Water Return Pipe | 25 | 10% | 28 | LF | 0.260 | 7.3 | \$ 85.0 | \$ 618.8 | \$ 48.00 | \$ 1,344.0 | \$ 1,963 | |
| 478 | | | | Refrigerant Line Liquid And Suction Pipe | 110 | 10% | 121 | LF | 0.120 | 14.5 | \$ 85.0 | \$ 1,234.2 | \$ 8.94 | \$ 1,081.7 | \$ 2,316 | |
| 479 | | | | 3/4" Dia Condensate Drain Pipe | 200 | 10% | 220 | LF | 0.105 | 23.1 | \$ 85.0 | \$ 1,963.5 | \$ 6.20 | \$ 1,364.0 | \$ 3,328 | |
| HVAC EQUIPMENT | | | | | | | | | | | | | | | | |
| AIR CONDITIONING AND CONSENSING UNIT | | | | | | | | | | | | | | | | |
| 480 | | | | Cu-1, Condensing Unit, Manufacturer: Samsung, Model: Ac036Bxadch/Aa | 1 | 0% | 1 | EA | 15.200 | 15.2 | \$ 85.0 | \$ 1,292.0 | \$ 3,800.00 | \$ 3,800.0 | \$ 5,092 | |
| 481 | | | | Cu-2, Condensing Unit, Manufacturer: Samsung, Model: Ac036Bxadch/Aa | 1 | 0% | 1 | EA | 15.200 | 15.2 | \$ 85.0 | \$ 1,292.0 | \$ 3,800.00 | \$ 3,800.0 | \$ 5,092 | |
| 482 | | | | Cu-3, Condensing Unit, Manufacturer: Samsung, Model: Ac036Bxadch/Aa | 1 | 0% | 1 | EA | 15.200 | 15.2 | \$ 85.0 | \$ 1,292.0 | \$ 3,800.00 | \$ 3,800.0 | \$ 5,092 | |
| 483 | | | | Ac-1, Air Conditioning, Manufacturer: Samsung, Model: Ac036Bntdch/Aa, Ton: 1 | 1 | 0% | 1 | EA | 4.200 | 4.2 | \$ 85.0 | \$ 357.0 | \$ 1,050.00 | \$ 1,050.0 | \$ 1,407 | |
| 484 | | | | Ac-2, Air Conditioning, Manufacturer: Samsung, Model: Ac036Bntdch/Aa, Ton: 1 | 1 | 0% | 1 | EA | 4.200 | 4.2 | \$ 85.0 | \$ 357.0 | \$ 1,050.00 | \$ 1,050.0 | \$ 1,407 | |
| 485 | | | | Ac-3, Air Conditioning, Manufacturer: Samsung, Model: Ac036Bntdch/Aa, Ton: 1 | 1 | 0% | 1 | EA | 4.200 | 4.2 | \$ 85.0 | \$ 357.0 | \$ 1,050.00 | \$ 1,050.0 | \$ 1,407 | |
| ROOFTOP UNIT | | | | | | | | | | | | | | | | |
| 486 | | | | Rtu-1, Rooftop Unit, Manufacturer: Aeon, Model: Rna-025, Cfm: 6180 | 1 | 0% | 1 | EA | 34.380 | 34.4 | \$ 85.0 | \$ 2,922.3 | \$ 8,595.00 | \$ 8,595.0 | \$ 11,517 | |
| 487 | | | | Rtu-2, Rooftop Unit, Manufacturer: Aeon, Model: Rna-018, Cfm: 5125 | 1 | 0% | 1 | EA | 27.840 | 27.8 | \$ 85.0 | \$ 2,366.4 | \$ 6,960.00 | \$ 6,960.0 | \$ 9,326 | |
| 488 | | | | Rtu-3, Rooftop Unit, Manufacturer: Aeon, Model: Rna-025, Cfm: 5740 | 1 | 0% | 1 | EA | 31.344 | 31.3 | \$ 85.0 | \$ 2,664.2 | \$ 7,836.00 | \$ 7,836.0 | \$ 10,500 | |
| 489 | | | | Rtu-4, Rooftop Unit, Manufacturer: Aeon, Model: Rna-025, Cfm: 5115 | 1 | 0% | 1 | EA | 27.720 | 27.7 | \$ 85.0 | \$ 2,356.2 | \$ 6,930.00 | \$ 6,930.0 | \$ 9,286 | |
| 490 | | | | Rtu-5, Rooftop Unit, Manufacturer: Aeon, Model: Rna-013, Cfm: 2805 | 1 | 0% | 1 | EA | 18.700 | 18.7 | \$ 85.0 | \$ 1,589.5 | \$ 4,675.00 | \$ 4,675.0 | \$ 6,265 | |
| 491 | | | | Rtu-6, Rooftop Unit, Manufacturer: Aeon, Model: Rna-016, Cfm: 4105 | 1 | 0% | 1 | EA | 24.952 | 25.0 | \$ 85.0 | \$ 2,120.9 | \$ 6,238.00 | \$ 6,238.0 | \$ 8,359 | |
| 492 | | | | Rtu-7, Rooftop Unit, Manufacturer: Aeon, Model: Rna-020, Cfm: 5270 | 1 | 0% | 1 | EA | 28.380 | 28.4 | \$ 85.0 | \$ 2,412.3 | \$ 7,095.00 | \$ 7,095.0 | \$ 9,507 | |
| HEATER | | | | | | | | | | | | | | | | |
| 493 | | | | Uh-1, Unit Heater, Manufacturer: Markel, Model: P3P5105Ca1N, Cfm: 400 | 1 | 0% | 1 | EA | 6.000 | 6.0 | \$ 85.0 | \$ 510.0 | \$ 1,500.00 | \$ 1,500.0 | \$ 2,010 | |
| 494 | | | | Ch-1, Cabinet Heater | 1 | 0% | 1 | EA | 12.300 | 12.3 | \$ 85.0 | \$ 1,045.5 | \$ 3,075.00 | \$ 3,075.0 | \$ 4,121 | |
| CONSTANT AIR VOLUME UNIT | | | | | | | | | | | | | | | | |
| 495 | | | | Cav-1.1, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 400 | 1 | 0% | 1 | EA | 3.584 | 3.6 | \$ 85.0 | \$ 304.6 | \$ 896.00 | \$ 896.0 | \$ 1,201 | |
| 496 | | | | Cav-1.2, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 290 | 1 | 0% | 1 | EA | 2.448 | 2.4 | \$ 85.0 | \$ 208.1 | \$ 612.00 | \$ 612.0 | \$ 820 | |
| 497 | | | | Cav-1.3, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 795 | 1 | 0% | 1 | EA | 5.900 | 5.9 | \$ 85.0 | \$ 501.5 | \$ 1,475.00 | \$ 1,475.0 | \$ 1,977 | |
| 498 | | | | Cav-1.4, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 1950 | 1 | 0% | 1 | EA | 13.744 | 13.7 | \$ 85.0 | \$ 1,168.2 | \$ 3,436.00 | \$ 3,436.0 | \$ 4,604 | |
| 499 | | | | Cav-1.5, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 170 | 1 | 0% | 1 | EA | 1.912 | 1.9 | \$ 85.0 | \$ 162.5 | \$ 478.00 | \$ 478.0 | \$ 641 | |
| 500 | | | | Cav-1.6, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 500 | 1 | 0% | 1 | EA | 3.976 | 4.0 | \$ 85.0 | \$ 338.0 | \$ 994.00 | \$ 994.0 | \$ 1,332 | |
| 501 | | | | Cav-1.7, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 200 | 1 | 0% | 1 | EA | 2.024 | 2.0 | \$ 85.0 | \$ 172.0 | \$ 506.00 | \$ 506.0 | \$ 678 | |
| 502 | | | | Cav-1.8, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 200 | 1 | 0% | 1 | EA | 2.024 | 2.0 | \$ 85.0 | \$ 172.0 | \$ 506.00 | \$ 506.0 | \$ 678 | |
| 503 | | | | Cav-1.9, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 800 | 1 | 0% | 1 | EA | 6.080 | 6.1 | \$ 85.0 | \$ 516.8 | \$ 1,520.00 | \$ 1,520.0 | \$ 2,037 | |
| 504 | | | | Cav-1.10, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 500 | 1 | 0% | 1 | EA | 3.976 | 4.0 | \$ 85.0 | \$ 338.0 | \$ 994.00 | \$ 994.0 | \$ 1,332 | |
| 505 | | | | Cav-1.11, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 375 | 1 | 0% | 1 | EA | 2.736 | 2.7 | \$ 85.0 | \$ 232.6 | \$ 684.00 | \$ 684.0 | \$ 917 | |
| 506 | | | | Cav-2.1, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 660 | 1 | 0% | 1 | EA | 4.336 | 4.3 | \$ 85.0 | \$ 368.6 | \$ 1,084.00 | \$ 1,084.0 | \$ 1,453 | |
| 507 | | | | Cav-2.2, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 960 | 1 | 0% | 1 | EA | 5.744 | 5.7 | \$ 85.0 | \$ 488.2 | \$ 1,436.00 | \$ 1,436.0 | \$ 1,924 | |
| 508 | | | | Cav-2.3, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 525 | 1 | 0% | 1 | EA | 4.312 | 4.3 | \$ 85.0 | \$ 366.5 | \$ 1,078.00 | \$ 1,078.0 | \$ 1,445 | |
| 509 | | | | Cav-2.4, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 485 | 1 | 0% | 1 | EA | 3.856 | 3.9 | \$ 85.0 | \$ 327.8 | \$ 964.00 | \$ 964.0 | \$ 1,292 | |
| 510 | | | | Cav-2.5, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 625 | 1 | 0% | 1 | EA | 4.740 | 4.7 | \$ 85.0 | \$ 402.9 | \$ 1,185.00 | \$ 1,185.0 | \$ 1,588 | |
| 511 | | | | Cav-2.6, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 300 | 1 | 0% | 1 | EA | 2.672 | 2.7 | \$ 85.0 | \$ 227.1 | \$ 668.00 | \$ 668.0 | \$ 895 | |
| 512 | | | | Cav-2.7, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 1570 | 1 | 0% | 1 | EA | 11.500 | 11.5 | \$ 85.0 | \$ 977.5 | \$ 2,875.00 | \$ 2,875.0 | \$ 3,853 | |
| 513 | | | | Cav-3.1, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 150 | 1 | 0% | 1 | EA | 1.792 | 1.8 | \$ 85.0 | \$ 152.3 | \$ 448.00 | \$ 448.0 | \$ 600 | |
| 514 | | | | Cav-3.2, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 135 | 1 | 0% | 1 | EA | 1.680 | 1.7 | \$ 85.0 | \$ 142.8 | \$ 420.00 | \$ 420.0 | \$ 563 | |
| 515 | | | | Cav-3.3, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 2265 | 1 | 0% | 1 | EA | 15.900 | 15.9 | \$ 85.0 | \$ 1,351.5 | \$ 3,975.00 | \$ 3,975.0 | \$ 5,327 | |
| 516 | | | | Cav-3.4, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 165 | 1 | 0% | 1 | EA | 1.944 | 1.9 | \$ 85.0 | \$ 165.2 | \$ 486.00 | \$ 486.0 | \$ 651 | |
| 517 | | | | Cav-3.5, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 390 | 1 | 0% | 1 | EA | 3.136 | 3.1 | \$ 85.0 | \$ 266.6 | \$ 784.00 | \$ 784.0 | \$ 1,051 | |
| 518 | | | | Cav-3.6, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 1500 | 1 | 0% | 1 | EA | 11.200 | 11.2 | \$ 85.0 | \$ 952.0 | \$ 2,800.00 | \$ 2,800.0 | \$ 3,752 | |
| 519 | | | | Cav-3.7, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 150 | 1 | 0% | 1 | EA | 1.792 | 1.8 | \$ 85.0 | \$ 152.3 | \$ 448.00 | \$ 448.0 | \$ 600 | |
| 520 | | | | Cav-3.8, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 140 | 1 | 0% | 1 | EA | 1.708 | 1.7 | \$ 85.0 | \$ 145.2 | \$ 427.00 | \$ 427.0 | \$ 572 | |
| 521 | | | | Cav-3.9, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 460 | 1 | 0% | 1 | EA | 3.192 | 3.2 | \$ 85.0 | \$ 271.3 | \$ 798.00 | \$ 798.0 | \$ 1,069 | |
| 522 | | | | Cav-3.10, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 185 | 1 | 0% | 1 | EA | 2.100 | 2.1 | \$ 85.0 | \$ 178.5 | \$ 525.00 | \$ 525.0 | \$ 704 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|--------|------------|--------|----------|--|------|---------|------------------|------|-------------|-------------------|------------|------------------|--------------------|---------------------|-----------|------------|
| 523 | | | | Cav-3.11, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 200 | 1 | 0% | 1 | EA | 2.272 | 2.3 | \$ 85.0 | \$ 193.1 | \$ 568.00 | \$ 568.0 | \$ 761 | |
| 524 | | | | Cav-4.1, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 690 | 1 | 0% | 1 | EA | 3.984 | 4.0 | \$ 85.0 | \$ 338.6 | \$ 996.00 | \$ 996.0 | \$ 1,335 | |
| 525 | | | | Cav-4.2, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 475 | 1 | 0% | 1 | EA | 2.928 | 2.9 | \$ 85.0 | \$ 248.9 | \$ 732.00 | \$ 732.0 | \$ 981 | |
| 526 | | | | Cav-4.3, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 450 | 1 | 0% | 1 | EA | 2.840 | 2.8 | \$ 85.0 | \$ 241.4 | \$ 710.00 | \$ 710.0 | \$ 951 | |
| 527 | | | | Cav-4.4, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 175 | 1 | 0% | 1 | EA | 2.000 | 2.0 | \$ 85.0 | \$ 170.0 | \$ 500.00 | \$ 500.0 | \$ 670 | |
| 528 | | | | Cav-4.5, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 175 | 1 | 0% | 1 | EA | 2.000 | 2.0 | \$ 85.0 | \$ 170.0 | \$ 500.00 | \$ 500.0 | \$ 670 | |
| 529 | | | | Cav-4.6, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 205 | 1 | 0% | 1 | EA | 2.224 | 2.2 | \$ 85.0 | \$ 189.0 | \$ 556.00 | \$ 556.0 | \$ 745 | |
| 530 | | | | Cav-4.7, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 410 | 1 | 0% | 1 | EA | 2.888 | 2.9 | \$ 85.0 | \$ 245.5 | \$ 722.00 | \$ 722.0 | \$ 967 | |
| 531 | | | | Cav-4.8, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 150 | 1 | 0% | 1 | EA | 1.792 | 1.8 | \$ 85.0 | \$ 152.3 | \$ 448.00 | \$ 448.0 | \$ 600 | |
| 532 | | | | Cav-4.9, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 140 | 1 | 0% | 1 | EA | 1.720 | 1.7 | \$ 85.0 | \$ 146.2 | \$ 430.00 | \$ 430.0 | \$ 576 | |
| 533 | | | | Cav-4.10, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 300 | 1 | 0% | 1 | EA | 2.672 | 2.7 | \$ 85.0 | \$ 227.1 | \$ 668.00 | \$ 668.0 | \$ 895 | |
| 534 | | | | Cav-4.11, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 945 | 1 | 0% | 1 | EA | 6.936 | 6.9 | \$ 85.0 | \$ 589.6 | \$ 1,734.00 | \$ 1,734.0 | \$ 2,324 | |
| 535 | | | | Cav-4.12, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 145 | 1 | 0% | 1 | EA | 1.768 | 1.8 | \$ 85.0 | \$ 150.3 | \$ 442.00 | \$ 442.0 | \$ 592 | |
| 536 | | | | Cav-4.13, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 140 | 1 | 0% | 1 | EA | 1.740 | 1.7 | \$ 85.0 | \$ 147.9 | \$ 435.00 | \$ 435.0 | \$ 583 | |
| 537 | | | | Cav-4.14, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 115 | 1 | 0% | 1 | EA | 1.576 | 1.6 | \$ 85.0 | \$ 134.0 | \$ 394.00 | \$ 394.0 | \$ 528 | |
| 538 | | | | Cav-4.15, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 100 | 1 | 0% | 1 | EA | 1.472 | 1.5 | \$ 85.0 | \$ 125.1 | \$ 368.00 | \$ 368.0 | \$ 493 | |
| 539 | | | | Cav-4.16, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 1500 | 1 | 0% | 1 | EA | 11.500 | 11.5 | \$ 85.0 | \$ 977.5 | \$ 2,875.00 | \$ 2,875.0 | \$ 3,853 | |
| 540 | | | | Cav-5.1, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 350 | 1 | 0% | 1 | EA | 2.504 | 2.5 | \$ 85.0 | \$ 212.8 | \$ 626.00 | \$ 626.0 | \$ 839 | |
| 541 | | | | Cav-5.2, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 650 | 1 | 0% | 1 | EA | 3.948 | 3.9 | \$ 85.0 | \$ 335.6 | \$ 987.00 | \$ 987.0 | \$ 1,323 | |
| 542 | | | | Cav-5.3, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 1850 | 1 | 0% | 1 | EA | 12.944 | 12.9 | \$ 85.0 | \$ 1,100.2 | \$ 3,236.00 | \$ 3,236.0 | \$ 4,336 | |
| 543 | | | | Cav-6.1, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 1100 | 1 | 0% | 1 | EA | 9.180 | 9.2 | \$ 85.0 | \$ 780.3 | \$ 2,295.00 | \$ 2,295.0 | \$ 3,075 | |
| 544 | | | | Cav-6.2, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 230 | 1 | 0% | 1 | EA | 2.144 | 2.1 | \$ 85.0 | \$ 182.2 | \$ 536.00 | \$ 536.0 | \$ 718 | |
| 545 | | | | Cav-6.3, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 1500 | 1 | 0% | 1 | EA | 11.500 | 11.5 | \$ 85.0 | \$ 977.5 | \$ 2,875.00 | \$ 2,875.0 | \$ 3,853 | |
| 546 | | | | Cav-6.4, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 150 | 1 | 0% | 1 | EA | 1.872 | 1.9 | \$ 85.0 | \$ 159.1 | \$ 468.00 | \$ 468.0 | \$ 627 | |
| 547 | | | | Cav-6.5, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 305 | 1 | 0% | 1 | EA | 2.504 | 2.5 | \$ 85.0 | \$ 212.8 | \$ 626.00 | \$ 626.0 | \$ 839 | |
| 548 | | | | Cav-6.6, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 240 | 1 | 0% | 1 | EA | 2.312 | 2.3 | \$ 85.0 | \$ 196.5 | \$ 578.00 | \$ 578.0 | \$ 775 | |
| 549 | | | | Cav-6.7, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 340 | 1 | 0% | 1 | EA | 2.776 | 2.8 | \$ 85.0 | \$ 236.0 | \$ 694.00 | \$ 694.0 | \$ 930 | |
| 550 | | | | Cav-6.8, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 240 | 1 | 0% | 1 | EA | 2.312 | 2.3 | \$ 85.0 | \$ 196.5 | \$ 578.00 | \$ 578.0 | \$ 775 | |
| 551 | | | | Cav-7.1, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 725 | 1 | 0% | 1 | EA | 5.744 | 5.7 | \$ 85.0 | \$ 488.2 | \$ 1,436.00 | \$ 1,436.0 | \$ 1,924 | |
| 552 | | | | Cav-7.2, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 150 | 1 | 0% | 1 | EA | 1.872 | 1.9 | \$ 85.0 | \$ 159.1 | \$ 468.00 | \$ 468.0 | \$ 627 | |
| 553 | | | | Cav-7.3, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 140 | 1 | 0% | 1 | EA | 1.796 | 1.8 | \$ 85.0 | \$ 152.7 | \$ 449.00 | \$ 449.0 | \$ 602 | |
| 554 | | | | Cav-7.4, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 270 | 1 | 0% | 1 | EA | 2.552 | 2.6 | \$ 85.0 | \$ 216.9 | \$ 638.00 | \$ 638.0 | \$ 855 | |
| 555 | | | | Cav-7.5, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 755 | 1 | 0% | 1 | EA | 5.180 | 5.2 | \$ 85.0 | \$ 440.3 | \$ 1,295.00 | \$ 1,295.0 | \$ 1,735 | |
| 556 | | | | Cav-7.6, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 240 | 1 | 0% | 1 | EA | 2.312 | 2.3 | \$ 85.0 | \$ 196.5 | \$ 578.00 | \$ 578.0 | \$ 775 | |
| 557 | | | | Cav-7.7, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 650 | 1 | 0% | 1 | EA | 4.520 | 4.5 | \$ 85.0 | \$ 384.2 | \$ 1,130.00 | \$ 1,130.0 | \$ 1,514 | |
| 558 | | | | Cav-7.8, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 240 | 1 | 0% | 1 | EA | 2.312 | 2.3 | \$ 85.0 | \$ 196.5 | \$ 578.00 | \$ 578.0 | \$ 775 | |
| 559 | | | | Cav-7.9, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 235 | 1 | 0% | 1 | EA | 2.264 | 2.3 | \$ 85.0 | \$ 192.4 | \$ 566.00 | \$ 566.0 | \$ 758 | |
| 560 | | | | Cav-7.10, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 275 | 1 | 0% | 1 | EA | 2.568 | 2.6 | \$ 85.0 | \$ 218.3 | \$ 642.00 | \$ 642.0 | \$ 860 | |
| 561 | | | | Cav-7.11, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 845 | 1 | 0% | 1 | EA | 4.544 | 4.5 | \$ 85.0 | \$ 386.2 | \$ 1,136.00 | \$ 1,136.0 | \$ 1,522 | |
| 562 | | | | Cav-7.12, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 650 | 1 | 0% | 1 | EA | 3.936 | 3.9 | \$ 85.0 | \$ 334.6 | \$ 984.00 | \$ 984.0 | \$ 1,319 | |
| 563 | | | | Cav-7.13, Constant Air Volume, Manufacturer: Price, Model: Sdv5, Cfm: 95 | 1 | 0% | 1 | EA | 1.300 | 1.3 | \$ 85.0 | \$ 110.5 | \$ 325.00 | \$ 325.0 | \$ 436 | |
| | | | | EXHAUST FAN | | | | | | | | | | | | |
| 564 | | | | Ef-1.1, Toilet Exhaust Fan, Manufacturer: Cook, Model: 120C17D(Vf), Cfm: 1140 | 1 | 0% | 1 | EA | 5.940 | 5.9 | \$ 85.0 | \$ 504.9 | \$ 1,485.00 | \$ 1,485.0 | \$ 1,990 | |
| 565 | | | | Ef-1.2, Toilet Exhaust Fan, Manufacturer: Cook, Model: 120C Or80, Cfm: 500 | 1 | 0% | 1 | EA | 3.180 | 3.2 | \$ 85.0 | \$ 270.3 | \$ 795.00 | \$ 795.0 | \$ 1,065 | |
| 566 | | | | Ef-1.3, Toilet Exhaust Fan, Manufacturer: Cook, Model: 80C3B, Cfm: 450 | 1 | 0% | 1 | EA | 2.928 | 2.9 | \$ 85.0 | \$ 248.9 | \$ 732.00 | \$ 732.0 | \$ 981 | |
| 567 | | | | Ef-1.4, Toilet Exhaust Fan, Manufacturer: Cook, Model: 70C3B, Cfm: 200 | 1 | 0% | 1 | EA | 1.544 | 1.5 | \$ 85.0 | \$ 131.2 | \$ 386.00 | \$ 386.0 | \$ 517 | |
| 568 | | | | Ef-1.5, Toilet Exhaust Fan, Manufacturer: Cook, Model: 70C3B, Cfm: 200 | 1 | 0% | 1 | EA | 1.544 | 1.5 | \$ 85.0 | \$ 131.2 | \$ 386.00 | \$ 386.0 | \$ 517 | |
| 569 | | | | Ef-2.1, Toilet Exhaust Fan, Manufacturer: Cook, Model: 100Tcnhble06, Cfm: 785 | 1 | 0% | 1 | EA | 4.136 | 4.1 | \$ 85.0 | \$ 351.6 | \$ 1,034.00 | \$ 1,034.0 | \$ 1,386 | |
| 570 | | | | Ef-2.2, Toilet Exhaust Fan, Manufacturer: Cook, Model: 120C15D, Cfm: 965 | 1 | 0% | 1 | EA | 5.344 | 5.3 | \$ 85.0 | \$ 454.2 | \$ 1,336.00 | \$ 1,336.0 | \$ 1,790 | |
| 571 | | | | Ef-2.3, Toilet Exhaust Fan, Manufacturer: Cook, Model: 135C13D, Cfm: 1200 | 1 | 0% | 1 | EA | 6.380 | 6.4 | \$ 85.0 | \$ 542.3 | \$ 1,595.00 | \$ 1,595.0 | \$ 2,137 | |
| 572 | | | | Ef-3.1, Toilet Exhaust Fan, Manufacturer: Cook, Model: 135Tcnhble12, Cfm: 2565 | 1 | 0% | 1 | EA | 11.344 | 11.3 | \$ 85.0 | \$ 964.2 | \$ 2,836.00 | \$ 2,836.0 | \$ 3,800 | |
| 573 | | | | Ef-3.2, Toilet Exhaust Fan, Manufacturer: Cook, Model: 120C17Dor80(Vf), Cfm: 360 | 1 | 0% | 1 | EA | 2.260 | 2.3 | \$ 85.0 | \$ 192.1 | \$ 565.00 | \$ 565.0 | \$ 757 | |
| 574 | | | | Ef-4.1, Toilet Exhaust Fan, Manufacturer: Cook, Model: 100Tcnhble05, Cfm: 485 | 1 | 0% | 1 | EA | 2.776 | 2.8 | \$ 85.0 | \$ 236.0 | \$ 694.00 | \$ 694.0 | \$ 930 | |
| 575 | | | | Ef-4.2, Toilet Exhaust Fan, Manufacturer: Cook, Model: 150C17D(Vf), Cfm: 2285 | 1 | 0% | 1 | EA | 9.900 | 9.9 | \$ 85.0 | \$ 841.5 | \$ 2,475.00 | \$ 2,475.0 | \$ 3,317 | |
| 576 | | | | Ef-4.3, Toilet Exhaust Fan, Manufacturer: Cook, Model: 100Tchnble05, Cfm: 175 | 1 | 0% | 1 | EA | 1.380 | 1.4 | \$ 85.0 | \$ 117.3 | \$ 345.00 | \$ 345.0 | \$ 462 | |
| 577 | | | | Ef-5.1, Toilet Exhaust Fan, Manufacturer: Cook, Model: 120C15D, Cfm: 980 | 1 | 0% | 1 | EA | 5.520 | 5.5 | \$ 85.0 | \$ 469.2 | \$ 1,380.00 | \$ 1,380.0 | \$ 1,849 | |
| 578 | | | | Ef-6.1, Toilet Exhaust Fan, Manufacturer: Cook, Model: 120C28Dor92Vf, Cfm: 1505 | 1 | 0% | 1 | EA | 7.948 | 7.9 | \$ 85.0 | \$ 675.6 | \$ 1,987.00 | \$ 1,987.0 | \$ 2,663 | |

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | LABOR HOURS | TOTAL LABOR HOURS | LABOR RATE | TOTAL LABOR COST | UNIT MATERIAL COST | TOTAL MATERIAL COST | ITEM COST | TRADE COST |
|----------------------------|------------|--------|----------|--|------|---------|------------------|------|-------------|-------------------|--------------------------|-------------------|--------------------------|---------------------|---------------------|-------------------|
| 579 | | | | Ef-7.1, Toilet Exhaust Fan, Manufacturer: Cook, Model: 120Tcnhble06, Cfm: 800 | 1 | 0% | 1 | EA | 4.144 | 4.1 | \$ 85.0 | \$ 352.2 | \$ 1,036.00 | \$ 1,036.0 | \$ 1,388 | |
| 580 | | | | Ef-7.2, Toilet Exhaust Fan, Manufacturer: Cook, Model: 135C15D, Cfm: 1510 | 1 | 0% | 1 | EA | 7.996 | 8.0 | \$ 85.0 | \$ 679.7 | \$ 1,999.00 | \$ 1,999.0 | \$ 2,679 | |
| 581 | | | | Ef-8.1, Toilet Exhaust Fan, Manufacturer: Cook, Model: 120C17Dor80Vf, Cfm: 300 | 1 | 0% | 1 | EA | 2.000 | 2.0 | \$ 85.0 | \$ 170.0 | \$ 500.00 | \$ 500.0 | \$ 670 | |
| SUB TOTAL | | | | | | | | | | | Total Lab. Cost = | \$ 336,618 | Total Mat. Cost = | \$ 523,684 | \$ 860,302 | \$ 860,302 |
| INSURANCE | | | | | | | | | | | 0% | | | | \$ - | \$ - |
| OVERHEAD AND PROFIT | | | | | | | | | | | 25% | | | | \$ 215,076 | \$ 215,076 |
| TOTAL BASE BID | | | | | | | | | | | | | | \$ 1,075,378 | \$ 1,075,378 | |

General Notes: The prices used while preparing the estimate were taken from RSMeans online i.e. the standard pricing & the company is not responsible for any kind of variations in the prices. So, it is preferred to review the prices.