# Dedicated outdoor Air Systems (DOAS) Specifications

| Unit Size (Nominal Tonnage) | 5 | 6 | 7.5 | 8 | 10 | 12.5 | 15 |
|---|---|---|---|---|---|---|---|
| Min Airflow (CFM) | 500 | 600 | 750 | 800 | 1000 | 1250 | 1500 |
| Max Airflow (CFM) | 2000 | 2400 | 3000 | 3200 | 4000 | 5000 | 6000 |
| Indoor Coil Rows | 4 | 4 | 5 | 5 | 5 | 6 | 6 |
| Cooling Turndown Ratio | 7:1 | 7:1 | 7:1 | 7:1 | 7:1 | 7:1 | 7:1 |
| IEER | 17.9 | 19.5 | 18.6 | 20.2 | 18.6 | 21.3 | 18.8 |
| Max Heating Turndown Ratio* | 20:1 | 17:1 | 14:1 | 21:1 | 16:1 | 25:1 | 16:1 |
| Furnace Input Capacity (MBH) | 50-200 | 50-200 | 50-200 | 50-300 | 50-300 | 150-500 | 150-500 |
| Electric Coil Capacity (kW) | 10-60 | 10-60 | 10-60 | 15-60 | 15-60 | 15-100 | 15-100 |
| Curb Size (L x W) | 71" x 41" | 71" x 41" | 71" x 41" | 75" x 49.5" | 75" x 49.5" | 91" x 59.5" | 91" x 59.5" |
| Unit Dimensions (L x W x H) | 77.25" x 62" x 47.5" | 77.25" x 62" x 47.5" | 77.25" x 62" x 47.5" | 81.75" x 80.75" x 60.75" | 81.75" x 80.75" x 60.75" | 99" x 89.75" x 69" | 99" x 89.75" x 69" |
| Approximate Weight (lbs) | 1000 | 1100 | 1200 | 1650 | 1730 | 2440 | 2500 |

| Unit Size (Nominal Tonnage) | 20 | 30 (SIZE 3) | 22 | 25 | 30 (SIZE 4) | 40 | 50 | 60 |
|---|---|---|---|---|---|---|---|---|
| Min Airflow (CFM) | 2000 | 3000 | 2200 | 2500 | 3000 | 4000 | 5000 | 6000 |
| Max Airflow (CFM) | 7000 | 9000 | 8800 | 10000 | 12000 | 15000 | 15000 | 15000 |
| Indoor Coil Rows | 7 | 7 | 5 | 5 | 6 | 6 | 8 | 8 |
| Cooling Turndown Ratio | 7:1 | 7:1 | 7:1 | 7:1 | 7:1 | 14:1 | 17.5:1 | 14:1 |
| IEER | 18.2 | 13.2 | 18.1 | 17.9 | 17.8 | 16.6 | 17.1 | 13.2 |
| Max Heating Turndown Ratio* | 16:1 | 14.93 | 18:1 | 18:1 | 18:1 | 18:1 | 18:1 | 17.02 |
| Furnace Input Capacity (MBH) | 150-500 | 150-500 | 200-800 | 200-800 | 200-800 | 200-800 | 200-800 | 200-800 |
| Electric Coil Capacity (kW) | 15-100 | 15-100 | 30-240 | 30-240 | 30-240 | 30-240 | 30-240 | 30-240 |
| Curb Size (L x W) | 91" x 59.5" | 91" x 59.5" | 111" x 80" | 111" x 80" | 111" x 80" | 111" x 80" | 111" x 80" | 111" x 80" |
| Unit Dimensions (L x W x H) | 99" x 89.75" x 69" | 99" x 89.75" x 69" | 174" x 89.75" x 94" | 174" x 89.75" x 94" | 174" x 89.75" x 94" | 174" x 89.75" x 94" | 174" x 89.75" x 94" | 174" x 89.75" x 94" |
| Approximate Weight (lbs) | 2650 | 3500 | 4250 | 4700 | 5000 | 6000 | 6600 | 7000 |

***Contingent upon heat source***