

## 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	16:1	18:1	18:1	18:1	18:1	18:1	18:1
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**