

PERFORMANCE DATA

DDUQ – Standard Mixing Ultra-Quiet Model - Typical Selection Guide

| Unit Size | Airflow cfm | Minimum ΔPs | | Discharge NC | | | | | | | | Radiated NC | | | |
|-----------|----------------|-----------------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------|----------------|----------------|----------------|
| | | Across Assembly | Min. ΔPt. | ΔPs Across Unit | | | | | | | | ΔPs Across Unit | | | |
| | | in.w.g. | in.w.g. | (1) 0.5 in.w.g. | (2) 0.5 in.w.g. | (1) 1.0 in.w.g. | (2) 1.0 in.w.g. | (1) 1.5 in.w.g. | (2) 1.5 in.w.g. | (1) 3.0 in.w.g. | (2) 3.0 in.w.g. | 0.5 in.w.g. | 1.0 in.w.g. | 1.5 in.w.g. | 3.0 in.w.g. |
| 4 | 75 | 0.01 | 0.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 100 | 0.01 | 0.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 150 | 0.01 | 0.19 | -- | -- | -- | -- | 20 | -- | 23 | 21 | -- | -- | -- | 21 |
| | 200 | 0.01 | 0.33 | 20 | -- | 23 | 21 | 25 | 23 | 28 | 26 | 23 | 25 | 25 | 27 |
| | 225 | 0.01 | 0.42 | 22 | -- | 25 | 23 | 27 | 24 | 30 | 28 | 26 | 27 | 28 | 30 |
| 5 | 150 | 0.02 | 0.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 200 | 0.04 | 0.17 | -- | -- | -- | -- | -- | -- | 22 | -- | -- | -- | -- | 21 |
| | 250 | 0.06 | 0.27 | -- | -- | 20 | -- | 22 | -- | 26 | 23 | -- | -- | 22 | 25 |
| | 300 | 0.09 | 0.39 | -- | -- | -- | -- | 21 | -- | 25 | 22 | -- | 23 | 25 | 29 |
| 350 | 0.13 | 0.53 | -- | -- | 22 | -- | 24 | 21 | 27 | 25 | 22 | 26 | 28 | 31 | |
| 6 | 200 | 0.12 | 0.18 | -- | -- | -- | -- | -- | -- | 21 | -- | -- | -- | -- | -- |
| | 250 | 0.19 | 0.29 | -- | -- | -- | -- | 20 | -- | 25 | 22 | -- | -- | -- | 21 |
| | 300 | 0.28 | 0.41 | -- | -- | -- | -- | -- | -- | 24 | 21 | -- | -- | -- | 23 |
| | 350 | 0.38 | 0.57 | -- | -- | -- | -- | 22 | -- | 27 | 24 | -- | -- | 22 | 26 |
| 400 | 0.50 | 0.74 | -- | -- | 22 | -- | 24 | 22 | 29 | 26 | -- | 21 | 24 | 28 | |
| 7 | 200 | 0.06 | 0.09 | -- | -- | -- | -- | -- | -- | 21 | -- | -- | -- | -- | -- |
| | 300 | 0.13 | 0.20 | -- | -- | -- | -- | -- | -- | 24 | 22 | -- | -- | -- | 24 |
| | 400 | 0.23 | 0.36 | -- | -- | 21 | -- | 24 | 22 | 30 | 27 | -- | -- | 23 | 28 |
| | 500 | 0.36 | 0.56 | -- | -- | 25 | 23 | 29 | 26 | 34 | 31 | -- | 23 | 26 | 31 |
| | 550 | 0.44 | 0.68 | 22 | -- | 27 | 25 | 30 | 28 | 36 | 33 | -- | 24 | 27 | 33 |
| 8 | 350 | 0.11 | 0.16 | -- | -- | -- | -- | -- | -- | 26 | 23 | -- | -- | -- | 23 |
| | 450 | 0.18 | 0.27 | -- | -- | -- | -- | 23 | 21 | 30 | 27 | -- | -- | 21 | 27 |
| | 550 | 0.28 | 0.40 | -- | -- | 23 | 20 | 26 | 24 | 33 | 30 | -- | 20 | 24 | 30 |
| | 700 | 0.45 | 0.66 | 20 | -- | 26 | 24 | 30 | 27 | 36 | 34 | -- | 24 | 27 | 33 |
| | 750 | 0.52 | 0.76 | * | * | 25 | 22 | 28 | 26 | 35 | 32 | * | 25 | 28 | 34 |
| 9 | 400 | 0.08 | 0.13 | -- | -- | -- | -- | -- | -- | 23 | -- | -- | -- | -- | -- |
| | 550 | 0.15 | 0.23 | -- | -- | -- | -- | 23 | 20 | 28 | 26 | -- | -- | -- | 24 |
| | 700 | 0.24 | 0.38 | -- | -- | 24 | 21 | 27 | 24 | 32 | 30 | -- | -- | 22 | 28 |
| | 900 | 0.39 | 0.62 | 20 | -- | 26 | 23 | 29 | 26 | 34 | 32 | -- | 23 | 27 | 33 |
| | 1000 | 0.48 | 0.76 | 22 | -- | 28 | 25 | 31 | 28 | 36 | 33 | -- | 25 | 28 | 34 |
| 10 | 500 | 0.08 | 0.12 | -- | -- | -- | -- | 20 | -- | 27 | 24 | -- | -- | -- | 21 |
| | 700 | 0.16 | 0.24 | -- | -- | 22 | -- | 26 | 23 | 32 | 30 | -- | -- | 20 | 27 |
| | 900 | 0.27 | 0.40 | -- | -- | 24 | 21 | 28 | 25 | 34 | 32 | -- | 20 | 24 | 31 |
| | 1100 | 0.40 | 0.60 | 21 | -- | 28 | 25 | 31 | 29 | 38 | 35 | -- | 24 | 28 | 34 |
| | 1300 | 0.55 | 0.84 | * | * | 30 | 28 | 34 | 32 | 41 | 38 | * | 27 | 31 | 37 |
| 12 | 700 | 0.07 | 0.11 | -- | -- | -- | -- | -- | -- | 22 | -- | -- | -- | -- | 22 |
| | 1000 | 0.14 | 0.22 | -- | -- | -- | -- | -- | -- | 24 | -- | -- | -- | 21 | 28 |
| | 1300 | 0.23 | 0.37 | -- | -- | -- | -- | 21 | -- | 27 | 24 | -- | 21 | 25 | 32 |
| | 1600 | 0.36 | 0.56 | -- | -- | 21 | -- | 24 | 21 | 30 | 28 | -- | 25 | 29 | 36 |
| | 1900 | 0.50 | 0.79 | -- | -- | 23 | 20 | 27 | 24 | 33 | 31 | 20 | 28 | 32 | 39 |
| 14 | 1000 | 0.09 | 0.13 | -- | -- | -- | -- | 21 | -- | 28 | -- | -- | -- | 23 | 31 |
| | 1475 | 0.18 | 0.28 | -- | -- | -- | -- | 24 | -- | 31 | 24 | -- | 23 | 28 | 37 |
| | 2100 | 0.36 | 0.55 | -- | -- | 22 | -- | 27 | 24 | 34 | 31 | 21 | 28 | 33 | 42 |
| | 2425 | 0.47 | 0.73 | -- | -- | 25 | 22 | 29 | 26 | 36 | 33 | 23 | 30 | 35 | 44 |
| | 2900 | 0.67 | 1.04 | * | * | 28 | 25 | 32 | 29 | 39 | 36 | * | 32 | 38 | 46 |
| 16 | 1200 | 0.10 | 0.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 23 | 31 |
| | 1775 | 0.22 | 0.30 | -- | -- | -- | -- | -- | -- | 22 | -- | -- | 23 | 28 | 36 |
| | 2350 | 0.38 | 0.52 | -- | -- | -- | -- | 22 | -- | 28 | 25 | -- | 27 | 32 | 39 |
| | 2800 | 0.54 | 0.74 | * | * | 22 | -- | 25 | 23 | 31 | 29 | * | 29 | 34 | 41 |
| | 3500 | 0.83 | 1.14 | * | * | 26 | 23 | 30 | 27 | 36 | 33 | * | 32 | 37 | 44 |

Performance Notes:

- NCs are derived from sound power levels, which are obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
- NCs are derived from sound power levels which include duct end corrections per AHRI Standard 880-2017.
- Blank spaces (-) indicate NCs less than 20.
- Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
- ΔPs is the difference in static pressure from inlet to discharge of the unit.
- ΔPs for terminal units with electric coil is equal to basic unit. Resistance of the coil elements is negligible.
- ΔPt is the difference in total pressure from inlet to discharge of the unit.

8. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."

Radiated NC is based on a 5/8 in. mineral fiber tile ceiling per AHRI 885-2008, Appendix E typical attenuation values.

| Total Deduction | Octave Band Mid Frequency, Hz. | | | | | |
|-----------------|--------------------------------|-----|-----|------|------|------|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| All Sizes | 18 | 19 | 20 | 26 | 31 | 36 |

(1) Discharge NC is based on environmental effect, end reflection, flex duct and sound power division. No deductions for lined duct are included. These calculations are not covered by AHRI 885-2008 Appendix E.

| Total Deduction | Octave Band Mid Frequency, Hz. | | | | | |
|-----------------|--------------------------------|-----|-----|------|------|------|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| < 300 cfm | 22 | 22 | 27 | 28 | 30 | 22 |
| 300 – 700 cfm | 25 | 25 | 30 | 31 | 33 | 25 |
| > 700 cfm | 27 | 27 | 32 | 33 | 35 | 27 |

(2) Discharge NC is based on environmental effect, end reflection, flex duct, sound power division and **lined duct** per AHRI 885-2008 Appendix E attenuation values.

| Total Deduction | Octave Band Mid Frequency, Hz. | | | | | |
|-----------------|--------------------------------|-----|-----|------|------|------|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| < 300 cfm | 24 | 28 | 39 | 53 | 59 | 40 |
| 300 – 700 cfm | 27 | 29 | 40 | 51 | 53 | 39 |
| > 700 cfm | 29 | 30 | 41 | 51 | 52 | 39 |

PERFORMANCE DATA

DDUQ – Standard Mixing Ultra-Quiet Model - Discharge Sound Data

| Unit Size | Airflow cfm | Sound Power Levels Lw dB re 10 ⁻¹² Watts | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------------|---|----|----|----|----|----|----------------------------|----|----|----|----|----|----------------------------|----|----|----|----|----|----------------------------|----|----|----|----|----|
| | | 0.5 in.w.g. Octave Band | | | | | | 1.0 in.w.g. Octave Band | | | | | | 1.5 in.w.g. Octave Band | | | | | | 3.0 in.w.g. Octave Band | | | | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 |
| 4 | 75 | 50 | 33 | -- | -- | -- | -- | 52 | 36 | -- | -- | -- | -- | 54 | 38 | 28 | -- | -- | 18 | 56 | 41 | 31 | -- | 21 | 24 |
| | 100 | 53 | 37 | -- | -- | -- | -- | 56 | 40 | 29 | -- | -- | 18 | 57 | 42 | 31 | -- | 20 | 22 | 60 | 45 | 35 | -- | 24 | 27 |
| | 150 | 59 | 42 | 29 | -- | -- | 18 | 61 | 45 | 33 | -- | 21 | 24 | 62 | 47 | 35 | -- | 24 | 27 | 65 | 50 | 39 | -- | 28 | 33 |
| | 200 | 62 | 46 | 32 | -- | 20 | 22 | 65 | 49 | 36 | -- | 24 | 28 | 66 | 51 | 38 | -- | 26 | 31 | 69 | 54 | 42 | 23 | 31 | 37 |
| | 225 | 64 | 48 | 34 | -- | 21 | 24 | 66 | 51 | 37 | -- | 25 | 29 | 68 | 53 | 40 | -- | 28 | 33 | 70 | 56 | 43 | 25 | 32 | 38 |
| 5 | 150 | 53 | 37 | -- | -- | -- | -- | 56 | 40 | -- | -- | 21 | 22 | 57 | 42 | 27 | -- | 23 | 26 | 60 | 45 | 31 | -- | 27 | 33 |
| | 200 | 57 | 41 | 26 | -- | 20 | 19 | 59 | 44 | 30 | -- | 24 | 26 | 61 | 46 | 32 | -- | 27 | 30 | 64 | 49 | 35 | 23 | 31 | 37 |
| | 250 | 60 | 44 | 30 | -- | 23 | 22 | 62 | 47 | 33 | -- | 27 | 29 | 64 | 49 | 35 | 23 | 29 | 33 | 67 | 52 | 39 | 26 | 33 | 40 |
| | 300 | 62 | 47 | 33 | -- | 25 | 24 | 65 | 50 | 36 | 24 | 29 | 31 | 66 | 52 | 38 | 25 | 31 | 35 | 69 | 55 | 42 | 29 | 35 | 42 |
| | 350 | 64 | 49 | 35 | 23 | 27 | 26 | 67 | 52 | 39 | 26 | 31 | 33 | 68 | 54 | 41 | 28 | 33 | 37 | 71 | 57 | 44 | 31 | 37 | 44 |
| 6 | 200 | 54 | 41 | 27 | -- | 20 | 18 | 58 | 44 | 31 | -- | 24 | 25 | 60 | 46 | 33 | -- | 26 | 29 | 63 | 50 | 36 | 22 | 30 | 35 |
| | 250 | 57 | 44 | 31 | -- | 22 | 21 | 60 | 47 | 34 | -- | 26 | 28 | 62 | 49 | 36 | 23 | 28 | 31 | 66 | 53 | 39 | 25 | 32 | 38 |
| | 300 | 59 | 47 | 33 | 22 | 24 | 23 | 63 | 50 | 37 | 24 | 28 | 30 | 65 | 52 | 39 | 26 | 30 | 34 | 68 | 56 | 42 | 28 | 34 | 40 |
| | 350 | 61 | 49 | 36 | 24 | 26 | 25 | 65 | 52 | 39 | 27 | 30 | 32 | 67 | 54 | 41 | 28 | 32 | 35 | 70 | 58 | 44 | 30 | 36 | 42 |
| | 400 | 63 | 51 | 38 | 26 | 28 | 27 | 67 | 54 | 41 | 28 | 31 | 33 | 69 | 56 | 43 | 30 | 34 | 37 | 72 | 60 | 46 | 32 | 37 | 44 |
| 7 | 200 | 52 | 40 | -- | -- | -- | 17 | 56 | 44 | 27 | -- | 21 | 24 | 58 | 47 | 29 | -- | 23 | 28 | 63 | 51 | 34 | -- | 27 | 35 |
| | 300 | 58 | 45 | 29 | -- | 22 | 22 | 62 | 49 | 33 | -- | 26 | 29 | 64 | 52 | 36 | 23 | 29 | 33 | 69 | 56 | 40 | 25 | 33 | 40 |
| | 400 | 62 | 49 | 33 | 24 | 26 | 25 | 66 | 53 | 37 | 26 | 30 | 32 | 69 | 56 | 40 | 27 | 33 | 36 | 73 | 60 | 44 | 30 | 37 | 43 |
| | 500 | 65 | 51 | 36 | 28 | 29 | 27 | 69 | 56 | 41 | 30 | 33 | 34 | 72 | 58 | 43 | 31 | 36 | 38 | 76 | 63 | 48 | 33 | 40 | 45 |
| | 550 | 67 | 53 | 38 | 29 | 30 | 28 | 71 | 57 | 42 | 31 | 35 | 35 | 73 | 60 | 45 | 33 | 37 | 39 | 77 | 64 | 49 | 35 | 41 | 46 |
| 8 | 350 | 57 | 41 | 27 | -- | 25 | 21 | 62 | 47 | 32 | -- | 28 | 28 | 65 | 50 | 34 | 22 | 30 | 31 | 70 | 55 | 39 | 24 | 33 | 38 |
| | 450 | 60 | 45 | 31 | 24 | 28 | 24 | 65 | 50 | 35 | 26 | 31 | 31 | 68 | 53 | 38 | 27 | 33 | 35 | 73 | 58 | 43 | 29 | 36 | 41 |
| | 550 | 63 | 48 | 34 | 28 | 31 | 27 | 67 | 53 | 38 | 30 | 34 | 33 | 70 | 56 | 41 | 31 | 36 | 37 | 75 | 61 | 46 | 33 | 39 | 44 |
| | 700 | 65 | 52 | 37 | 33 | 34 | 30 | 70 | 57 | 42 | 35 | 37 | 36 | 73 | 60 | 45 | 36 | 39 | 40 | 78 | 65 | 50 | 37 | 42 | 47 |
| | 750 | * | * | * | * | * | * | 71 | 58 | 43 | 36 | 38 | 37 | 74 | 61 | 46 | 37 | 40 | 41 | 79 | 66 | 51 | 39 | 43 | 47 |
| 9 | 400 | 56 | 40 | -- | -- | 24 | 21 | 60 | 44 | 28 | 22 | 28 | 28 | 63 | 47 | 30 | 23 | 30 | 32 | 67 | 51 | 34 | 25 | 33 | 39 |
| | 550 | 61 | 45 | 30 | 25 | 29 | 25 | 65 | 49 | 34 | 27 | 32 | 32 | 67 | 52 | 36 | 29 | 34 | 36 | 71 | 56 | 39 | 31 | 38 | 43 |
| | 700 | 64 | 49 | 35 | 29 | 32 | 28 | 68 | 53 | 38 | 31 | 35 | 35 | 71 | 56 | 40 | 33 | 38 | 39 | 75 | 60 | 44 | 35 | 41 | 46 |
| | 900 | 67 | 52 | 39 | 33 | 35 | 32 | 72 | 57 | 43 | 35 | 39 | 38 | 74 | 59 | 45 | 37 | 41 | 42 | 78 | 64 | 48 | 39 | 44 | 49 |
| | 1000 | 69 | 54 | 41 | 35 | 37 | 33 | 73 | 58 | 44 | 37 | 40 | 40 | 75 | 61 | 46 | 38 | 42 | 44 | 80 | 65 | 50 | 40 | 46 | 50 |
| 10 | 500 | 57 | 39 | 27 | 23 | 27 | 27 | 62 | 45 | 32 | 25 | 30 | 32 | 65 | 49 | 35 | 26 | 32 | 36 | 70 | 54 | 39 | 28 | 35 | 41 |
| | 700 | 62 | 44 | 32 | 28 | 32 | 31 | 67 | 50 | 37 | 30 | 35 | 37 | 70 | 53 | 40 | 32 | 37 | 40 | 75 | 59 | 45 | 34 | 40 | 46 |
| | 900 | 65 | 48 | 36 | 32 | 35 | 34 | 70 | 54 | 41 | 34 | 39 | 40 | 73 | 57 | 44 | 36 | 40 | 43 | 78 | 63 | 48 | 38 | 43 | 49 |
| | 1100 | 68 | 51 | 39 | 35 | 38 | 37 | 73 | 57 | 44 | 38 | 41 | 43 | 76 | 60 | 47 | 39 | 43 | 46 | 81 | 66 | 52 | 41 | 46 | 51 |
| | 1300 | * | * | * | * | * | * | 75 | 59 | 47 | 40 | 44 | 45 | 78 | 62 | 49 | 41 | 45 | 48 | 83 | 68 | 54 | 44 | 48 | 54 |
| 12 | 700 | 51 | 41 | 27 | 25 | 30 | 30 | 56 | 46 | 31 | 28 | 33 | 35 | 59 | 48 | 34 | 29 | 35 | 38 | 64 | 53 | 38 | 32 | 38 | 44 |
| | 1000 | 56 | 46 | 33 | 30 | 34 | 34 | 61 | 51 | 37 | 33 | 37 | 39 | 64 | 54 | 40 | 34 | 39 | 43 | 69 | 59 | 44 | 37 | 42 | 48 |
| | 1300 | 59 | 49 | 38 | 33 | 37 | 37 | 64 | 54 | 42 | 36 | 40 | 42 | 67 | 57 | 44 | 38 | 42 | 46 | 72 | 62 | 48 | 41 | 45 | 51 |
| | 1600 | 62 | 52 | 41 | 36 | 40 | 39 | 67 | 57 | 45 | 39 | 43 | 45 | 70 | 60 | 47 | 41 | 45 | 48 | 75 | 65 | 51 | 44 | 48 | 53 |
| | 1900 | 64 | 55 | 44 | 39 | 42 | 41 | 69 | 60 | 48 | 42 | 45 | 47 | 72 | 63 | 50 | 43 | 47 | 50 | 77 | 68 | 54 | 46 | 50 | 55 |
| 14 | 1000 | 53 | 41 | 30 | 28 | 36 | 33 | 59 | 47 | 34 | 32 | 40 | 41 | 62 | 50 | 36 | 34 | 42 | 45 | 67 | 56 | 40 | 38 | 47 | 52 |
| | 1475 | 59 | 46 | 37 | 33 | 39 | 36 | 64 | 52 | 41 | 37 | 43 | 44 | 67 | 55 | 43 | 39 | 45 | 48 | 72 | 60 | 47 | 43 | 50 | 56 |
| | 2100 | 64 | 51 | 43 | 37 | 42 | 39 | 69 | 56 | 47 | 41 | 46 | 47 | 72 | 60 | 49 | 43 | 48 | 51 | 77 | 65 | 53 | 47 | 52 | 58 |
| | 2425 | 66 | 53 | 45 | 39 | 43 | 40 | 71 | 58 | 49 | 43 | 47 | 48 | 74 | 61 | 51 | 45 | 49 | 52 | 79 | 67 | 55 | 49 | 54 | 59 |
| | 2900 | * | * | * | * | * | * | 73 | 60 | 52 | 45 | 48 | 49 | 77 | 64 | 54 | 47 | 51 | 53 | 82 | 69 | 58 | 51 | 55 | 61 |
| 16 | 1200 | 51 | 40 | 28 | 23 | 27 | 26 | 55 | 45 | 32 | 25 | 30 | 32 | 58 | 47 | 34 | 26 | 31 | 36 | 63 | 52 | 37 | 27 | 34 | 42 |
| | 1775 | 57 | 46 | 35 | 30 | 32 | 30 | 61 | 50 | 38 | 32 | 35 | 36 | 64 | 53 | 40 | 33 | 37 | 40 | 69 | 58 | 44 | 35 | 40 | 46 |
| | 2350 | 61 | 49 | 39 | 36 | 37 | 33 | 66 | 54 | 43 | 37 | 40 | 39 | 68 | 57 | 45 | 38 | 41 | 43 | 73 | 61 | 48 | 40 | 44 | 49 |
| | 2800 | * | * | * | * | * | * | 68 | 57 | 46 | 41 | 42 | 41 | 71 | 59 | 47 | 42 | 44 | 45 | 76 | 64 | 51 | 43 | 47 | 51 |
| | 3500 | * | * | * | * | * | * | 72 | 60 | 49 | 45 | 45 | 44 | 75 | 62 | 51 | 46 | 47 | 47 | 79 | 67 | 55 | 48 | 50 | 54 |

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
2. Sound power levels include duct end corrections per AHRI Standard 880-2017.
3. Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
4. Dashes (-) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.

PERFORMANCE DATA

DDUQ – Standard Mixing Ultra-Quiet Model - Radiated Sound Data

| Unit Size | Airflow cfm | Sound Power Levels Lw dB re 10 ⁻¹² Watts | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------------|---|----|----|----|----|----|----|----------------------------|----|----|----|----|----|----|----------------------------|----|----|----|----|----|----|----------------------------|----|----|--|--|--|--|
| | | 0.5 in.w.g. Octave Band | | | | | | | 1.0 in.w.g. Octave Band | | | | | | | 1.5 in.w.g. Octave Band | | | | | | | 3.0 in.w.g. Octave Band | | | | | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | | | | |
| 4 | 75 | 44 | 30 | 26 | -- | -- | -- | 45 | 33 | 31 | 23 | 19 | -- | 45 | 34 | 34 | 26 | 23 | 20 | 47 | 37 | 38 | 31 | 28 | 26 | | | | |
| | 100 | 49 | 35 | 30 | -- | -- | -- | 50 | 37 | 34 | 26 | 23 | 19 | 50 | 39 | 37 | 29 | 26 | 22 | 52 | 41 | 41 | 34 | 31 | 28 | | | | |
| | 150 | 56 | 41 | 34 | 26 | 22 | -- | 57 | 43 | 39 | 31 | 27 | 22 | 57 | 45 | 41 | 34 | 30 | 26 | 59 | 47 | 46 | 38 | 36 | 32 | | | | |
| | 200 | 61 | 45 | 38 | 29 | 25 | 19 | 62 | 48 | 42 | 34 | 30 | 25 | 62 | 49 | 45 | 37 | 33 | 28 | 64 | 52 | 49 | 42 | 39 | 34 | | | | |
| | 225 | 63 | 47 | 39 | 30 | 26 | 20 | 64 | 50 | 43 | 35 | 32 | 26 | 64 | 51 | 46 | 38 | 35 | 29 | 66 | 53 | 51 | 43 | 40 | 35 | | | | |
| 5 | 150 | 48 | 34 | 29 | 25 | 21 | -- | 51 | 38 | 34 | 30 | 25 | 22 | 52 | 40 | 37 | 33 | 28 | 25 | 55 | 44 | 42 | 37 | 33 | 32 | | | | |
| | 200 | 52 | 37 | 32 | 27 | 23 | 18 | 55 | 41 | 37 | 32 | 28 | 25 | 56 | 44 | 40 | 35 | 31 | 28 | 59 | 48 | 45 | 40 | 35 | 35 | | | | |
| | 250 | 55 | 40 | 34 | 29 | 25 | 20 | 58 | 44 | 39 | 34 | 30 | 27 | 60 | 46 | 42 | 36 | 33 | 31 | 62 | 50 | 47 | 41 | 37 | 38 | | | | |
| | 300 | 58 | 42 | 35 | 30 | 27 | 22 | 60 | 46 | 40 | 35 | 31 | 29 | 62 | 49 | 43 | 38 | 34 | 33 | 65 | 53 | 48 | 43 | 39 | 39 | | | | |
| | 350 | 60 | 44 | 37 | 31 | 28 | 24 | 63 | 48 | 42 | 36 | 33 | 30 | 64 | 50 | 45 | 39 | 36 | 34 | 67 | 54 | 50 | 44 | 40 | 41 | | | | |
| 6 | 200 | 47 | 34 | 30 | 26 | 22 | 18 | 51 | 39 | 35 | 31 | 27 | 24 | 53 | 42 | 38 | 34 | 30 | 27 | 56 | 47 | 43 | 39 | 35 | 33 | | | | |
| | 250 | 50 | 36 | 32 | 28 | 24 | 20 | 53 | 41 | 37 | 32 | 29 | 26 | 55 | 44 | 40 | 35 | 32 | 29 | 59 | 49 | 45 | 40 | 37 | 35 | | | | |
| | 300 | 52 | 38 | 34 | 29 | 25 | 22 | 55 | 43 | 39 | 34 | 30 | 28 | 57 | 46 | 42 | 36 | 33 | 31 | 61 | 51 | 47 | 41 | 38 | 37 | | | | |
| | 350 | 54 | 40 | 35 | 30 | 27 | 23 | 57 | 45 | 40 | 35 | 32 | 29 | 59 | 48 | 43 | 38 | 34 | 32 | 63 | 53 | 48 | 42 | 39 | 38 | | | | |
| | 400 | 56 | 41 | 37 | 31 | 28 | 24 | 59 | 46 | 42 | 36 | 33 | 30 | 61 | 49 | 45 | 38 | 36 | 34 | 64 | 54 | 50 | 43 | 41 | 40 | | | | |
| 7 | 200 | 46 | 34 | 29 | 26 | -- | -- | 50 | 39 | 34 | 30 | 24 | 17 | 52 | 42 | 37 | 33 | 27 | 22 | 56 | 48 | 42 | 38 | 33 | 30 | | | | |
| | 300 | 50 | 39 | 33 | 30 | 22 | -- | 54 | 44 | 38 | 34 | 28 | 21 | 57 | 47 | 41 | 37 | 31 | 26 | 61 | 52 | 46 | 41 | 37 | 34 | | | | |
| | 400 | 54 | 42 | 36 | 32 | 25 | -- | 58 | 47 | 41 | 37 | 31 | 24 | 60 | 50 | 44 | 40 | 34 | 29 | 64 | 55 | 49 | 44 | 40 | 37 | | | | |
| | 500 | 56 | 45 | 38 | 35 | 27 | 18 | 60 | 50 | 43 | 39 | 33 | 26 | 63 | 53 | 46 | 42 | 36 | 31 | 67 | 58 | 51 | 46 | 42 | 39 | | | | |
| | 550 | 57 | 46 | 39 | 35 | 28 | 19 | 61 | 51 | 44 | 40 | 34 | 27 | 64 | 54 | 47 | 42 | 37 | 32 | 68 | 59 | 52 | 47 | 43 | 40 | | | | |
| 8 | 350 | 49 | 37 | 31 | 27 | 23 | -- | 53 | 43 | 37 | 31 | 27 | 21 | 56 | 46 | 40 | 33 | 29 | 25 | 61 | 51 | 45 | 37 | 33 | 33 | | | | |
| | 450 | 52 | 40 | 35 | 31 | 26 | 17 | 56 | 45 | 40 | 34 | 31 | 24 | 59 | 49 | 43 | 37 | 33 | 29 | 64 | 54 | 48 | 40 | 37 | 36 | | | | |
| | 550 | 54 | 42 | 37 | 34 | 29 | 20 | 59 | 47 | 42 | 37 | 33 | 27 | 61 | 51 | 45 | 40 | 36 | 32 | 66 | 56 | 50 | 43 | 40 | 39 | | | | |
| | 700 | 57 | 44 | 40 | 37 | 33 | 23 | 61 | 50 | 45 | 41 | 37 | 30 | 64 | 53 | 48 | 43 | 39 | 35 | 69 | 59 | 53 | 47 | 43 | 42 | | | | |
| | 750 | * | * | * | * | * | * | 62 | 51 | 46 | 42 | 38 | 31 | 65 | 54 | 49 | 44 | 40 | 36 | 69 | 59 | 54 | 48 | 44 | 43 | | | | |
| 9 | 400 | 45 | 36 | 33 | 33 | 28 | 19 | 50 | 41 | 38 | 36 | 32 | 26 | 53 | 44 | 40 | 38 | 35 | 31 | 57 | 49 | 45 | 42 | 39 | 38 | | | | |
| | 550 | 49 | 40 | 36 | 36 | 31 | 22 | 54 | 45 | 41 | 39 | 35 | 29 | 57 | 48 | 43 | 41 | 37 | 33 | 61 | 53 | 48 | 44 | 41 | 40 | | | | |
| | 700 | 53 | 43 | 39 | 38 | 33 | 24 | 57 | 48 | 43 | 41 | 37 | 31 | 60 | 51 | 46 | 43 | 39 | 35 | 65 | 56 | 50 | 46 | 43 | 42 | | | | |
| | 900 | 56 | 46 | 41 | 40 | 35 | 25 | 61 | 51 | 46 | 43 | 39 | 32 | 63 | 54 | 48 | 45 | 41 | 37 | 68 | 59 | 53 | 49 | 46 | 44 | | | | |
| | 1000 | 57 | 47 | 42 | 41 | 36 | 26 | 62 | 52 | 47 | 44 | 40 | 33 | 65 | 55 | 49 | 46 | 42 | 37 | 69 | 61 | 54 | 49 | 46 | 44 | | | | |
| 10 | 500 | 45 | 37 | 34 | 33 | 29 | 19 | 51 | 43 | 38 | 36 | 32 | 25 | 54 | 46 | 41 | 38 | 35 | 29 | 59 | 51 | 46 | 42 | 38 | 35 | | | | |
| | 700 | 50 | 41 | 37 | 36 | 32 | 23 | 55 | 47 | 42 | 40 | 35 | 29 | 58 | 50 | 45 | 42 | 38 | 32 | 63 | 56 | 49 | 45 | 41 | 38 | | | | |
| | 900 | 53 | 44 | 40 | 38 | 34 | 25 | 59 | 50 | 45 | 42 | 38 | 31 | 62 | 53 | 47 | 44 | 40 | 35 | 67 | 59 | 52 | 48 | 44 | 40 | | | | |
| | 1100 | 56 | 47 | 42 | 40 | 36 | 27 | 61 | 52 | 47 | 44 | 40 | 33 | 64 | 56 | 49 | 46 | 42 | 37 | 69 | 61 | 54 | 50 | 45 | 42 | | | | |
| | 1300 | * | * | * | * | * | * | 63 | 54 | 48 | 45 | 41 | 35 | 66 | 58 | 51 | 48 | 43 | 38 | 72 | 63 | 56 | 51 | 47 | 44 | | | | |
| 12 | 700 | 46 | 38 | 35 | 32 | 29 | 21 | 51 | 43 | 39 | 36 | 33 | 27 | 54 | 46 | 42 | 38 | 35 | 30 | 60 | 51 | 46 | 42 | 39 | 36 | | | | |
| | 1000 | 50 | 42 | 39 | 35 | 32 | 25 | 56 | 48 | 43 | 39 | 36 | 31 | 59 | 51 | 46 | 41 | 39 | 34 | 65 | 56 | 50 | 45 | 43 | 40 | | | | |
| | 1300 | 54 | 46 | 42 | 37 | 35 | 28 | 59 | 51 | 46 | 41 | 39 | 34 | 62 | 54 | 49 | 43 | 41 | 37 | 68 | 59 | 53 | 47 | 45 | 43 | | | | |
| | 1600 | 56 | 48 | 45 | 39 | 37 | 30 | 62 | 53 | 49 | 42 | 41 | 36 | 65 | 56 | 51 | 45 | 43 | 40 | 71 | 62 | 56 | 49 | 47 | 45 | | | | |
| | 1900 | 58 | 50 | 47 | 40 | 39 | 32 | 64 | 56 | 51 | 44 | 43 | 38 | 67 | 59 | 54 | 46 | 45 | 42 | 73 | 64 | 58 | 50 | 49 | 47 | | | | |
| 14 | 1000 | 50 | 43 | 39 | 31 | 28 | 19 | 56 | 49 | 44 | 36 | 33 | 26 | 60 | 53 | 47 | 39 | 37 | 31 | 67 | 59 | 51 | 45 | 42 | 38 | | | | |
| | 1475 | 54 | 46 | 43 | 34 | 31 | 24 | 61 | 52 | 48 | 40 | 37 | 31 | 65 | 56 | 51 | 43 | 40 | 35 | 71 | 63 | 56 | 48 | 46 | 42 | | | | |
| | 2100 | 58 | 49 | 48 | 37 | 35 | 28 | 64 | 56 | 52 | 43 | 40 | 35 | 68 | 59 | 55 | 46 | 43 | 39 | 75 | 66 | 60 | 51 | 49 | 46 | | | | |
| | 2425 | 59 | 51 | 49 | 39 | 36 | 29 | 66 | 57 | 54 | 44 | 41 | 37 | 70 | 61 | 57 | 47 | 45 | 41 | 77 | 67 | 62 | 52 | 50 | 48 | | | | |
| | 2900 | * | * | * | * | * | * | 68 | 59 | 56 | 46 | 43 | 39 | 72 | 62 | 59 | 49 | 46 | 43 | 78 | 69 | 64 | 54 | 52 | 50 | | | | |
| 16 | 1200 | 51 | 43 | 37 | 32 | 27 | 17 | 57 | 50 | 42 | 36 | 31 | 24 | 60 | 53 | 45 | 39 | 33 | 27 | 66 | 60 | 50 | 43 | 38 | 33 | | | | |
| | 1775 | 55 | 46 | 41 | 36 | 31 | 22 | 61 | 53 | 46 | 40 | 35 | 28 | 64 | 57 | 49 | 42 | 38 | 32 | 70 | 63 | 54 | 47 | 42 | 38 | | | | |
| | 2350 | 58 | 48 | 44 | 38 | 34 | 26 | 64 | 55 | 49 | 43 | 38 | 32 | 67 | 59 | 52 | 45 | 41 | 35 | 73 | 65 | 57 | 49 | 45 | 42 | | | | |
| | 2800 | * | * | * | * | * | * | 65 | 56 | 51 | 44 | 40 | 34 | 69 | 60 | 53 | 47 | 43 | 38 | 75 | 67 | 59 | 51 | 47 | 44 | | | | |
| | 3500 | * | * | * | * | * | * | 68 | 58 | 53 | 46 | 43 | 37 | 71 | 62 | 56 | 49 | 45 | 40 | 77 | 68 | 61 | 53 | 49 | 47 | | | | |

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
2. Sound power levels include duct end corrections per AHRI Standard 880-2017.
3. Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
4. Dashes (-) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.

PERFORMANCE DATA

DPUQ / DDUQ – Standard Mixing Ultra-Quiet Model - Discharge Sound Power Levels

Hospital Grade Liner (CRAF/PL) - Straight Silencer

| Unit Size | Airflow cfm | Sound Power Levels Lw dB re 10 ⁻¹² Watts | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------------|---|----|----|----|----|----|-------------|----|----|----|----|----|-------------|----|----|----|----|----|-------------|----|----|----|----|----|
| | | 0.5 in.w.g. | | | | | | 1.0 in.w.g. | | | | | | 1.5 in.w.g. | | | | | | 3.0 in.w.g. | | | | | |
| | | Octave Band | | | | | | Octave Band | | | | | | Octave Band | | | | | | Octave Band | | | | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 |
| 4 | 75 | 50 | 36 | 34 | 31 | 24 | 23 | 51 | 38 | 37 | 34 | 24 | 27 | 52 | 39 | 41 | 36 | 24 | 30 | 51 | 41 | 48 | 39 | 28 | 41 |
| | 100 | 54 | 41 | 38 | 35 | 24 | 24 | 55 | 43 | 44 | 38 | 24 | 29 | 55 | 44 | 46 | 40 | 25 | 35 | 56 | 46 | 51 | 43 | 34 | 43 |
| | 150 | 60 | 48 | 43 | 40 | 24 | 23 | 61 | 50 | 47 | 42 | 26 | 31 | 61 | 51 | 50 | 43 | 32 | 36 | 63 | 53 | 54 | 45 | 41 | 45 |
| | 200 | 65 | 53 | 45 | 42 | 22 | 24 | 66 | 55 | 50 | 43 | 28 | 32 | 66 | 56 | 53 | 44 | 33 | 38 | 67 | 58 | 57 | 46 | 42 | 46 |
| | 225 | 67 | 56 | 47 | 42 | 22 | 24 | 68 | 58 | 50 | 43 | 29 | 33 | 68 | 59 | 54 | 44 | 35 | 38 | 68 | 61 | 58 | 49 | 43 | 45 |
| 5 | 150 | 54 | 45 | 39 | 33 | 24 | 25 | 55 | 47 | 43 | 36 | 26 | 35 | 55 | 48 | 46 | 37 | 30 | 41 | 55 | 50 | 53 | 40 | 38 | 52 |
| | 200 | 59 | 49 | 42 | 35 | 21 | 29 | 59 | 52 | 49 | 37 | 27 | 39 | 60 | 53 | 51 | 38 | 32 | 46 | 60 | 54 | 56 | 41 | 41 | 55 |
| | 250 | 63 | 53 | 46 | 35 | 21 | 29 | 62 | 54 | 51 | 37 | 29 | 39 | 63 | 56 | 53 | 40 | 33 | 45 | 64 | 58 | 58 | 45 | 41 | 55 |
| | 300 | 66 | 56 | 48 | 36 | 22 | 29 | 67 | 58 | 52 | 41 | 29 | 39 | 65 | 60 | 55 | 43 | 34 | 44 | 67 | 61 | 60 | 50 | 42 | 54 |
| | 350 | 69 | 58 | 49 | 38 | 22 | 28 | 69 | 61 | 54 | 43 | 31 | 39 | 68 | 62 | 57 | 46 | 35 | 44 | 70 | 63 | 61 | 52 | 43 | 53 |
| 6 | 200 | 57 | 51 | 39 | 33 | 25 | 22 | 59 | 53 | 47 | 37 | 29 | 35 | 61 | 54 | 51 | 39 | 34 | 43 | 62 | 57 | 54 | 42 | 43 | 56 |
| | 250 | 61 | 55 | 46 | 36 | 27 | 27 | 62 | 57 | 50 | 40 | 33 | 39 | 64 | 58 | 53 | 43 | 38 | 45 | 66 | 60 | 56 | 48 | 48 | 55 |
| | 300 | 64 | 59 | 48 | 38 | 29 | 28 | 66 | 60 | 53 | 43 | 37 | 39 | 68 | 62 | 55 | 47 | 42 | 45 | 69 | 64 | 58 | 51 | 50 | 55 |
| | 350 | 67 | 61 | 51 | 40 | 28 | 28 | 69 | 63 | 54 | 46 | 36 | 39 | 71 | 65 | 56 | 48 | 42 | 44 | 72 | 67 | 60 | 53 | 49 | 55 |
| | 400 | 69 | 64 | 52 | 41 | 29 | 28 | 71 | 66 | 56 | 46 | 36 | 39 | 73 | 66 | 58 | 49 | 41 | 44 | 74 | 70 | 61 | 54 | 49 | 55 |
| 7 | 200 | 57 | 45 | 36 | 28 | 24 | 21 | 60 | 50 | 42 | 31 | 26 | 29 | 63 | 53 | 47 | 33 | 28 | 36 | 67 | 57 | 57 | 36 | 32 | 48 |
| | 300 | 62 | 52 | 44 | 35 | 27 | 28 | 66 | 57 | 53 | 38 | 32 | 40 | 68 | 60 | 57 | 41 | 36 | 47 | 73 | 64 | 63 | 46 | 41 | 59 |
| | 400 | 66 | 57 | 49 | 42 | 35 | 36 | 70 | 61 | 54 | 47 | 40 | 46 | 73 | 64 | 59 | 50 | 44 | 52 | 77 | 69 | 64 | 56 | 49 | 62 |
| | 500 | 68 | 60 | 50 | 50 | 36 | 36 | 72 | 65 | 57 | 55 | 42 | 46 | 75 | 67 | 60 | 58 | 46 | 51 | 79 | 73 | 67 | 62 | 51 | 61 |
| | 550 | 70 | 63 | 52 | 50 | 37 | 35 | 75 | 67 | 58 | 55 | 44 | 45 | 76 | 70 | 61 | 58 | 46 | 51 | 81 | 74 | 67 | 63 | 52 | 61 |
| 8 | 350 | 61 | 52 | 38 | 34 | 29 | 25 | 66 | 57 | 46 | 36 | 30 | 33 | 69 | 62 | 48 | 37 | 31 | 36 | 75 | 66 | 56 | 41 | 33 | 44 |
| | 450 | 63 | 55 | 43 | 37 | 31 | 30 | 68 | 60 | 49 | 41 | 34 | 37 | 73 | 64 | 52 | 42 | 36 | 41 | 78 | 69 | 60 | 46 | 38 | 47 |
| | 550 | 67 | 58 | 46 | 41 | 35 | 34 | 71 | 63 | 52 | 45 | 38 | 40 | 74 | 67 | 56 | 46 | 39 | 45 | 79 | 72 | 64 | 50 | 42 | 52 |
| | 700 | 69 | 61 | 50 | 46 | 40 | 39 | 74 | 67 | 57 | 49 | 42 | 45 | 77 | 70 | 60 | 52 | 44 | 48 | 82 | 76 | 68 | 55 | 46 | 56 |
| | 750 | * | * | * | * | * | * | 75 | 68 | 57 | 51 | 44 | 46 | 78 | 71 | 62 | 53 | 45 | 50 | 83 | 77 | 69 | 57 | 48 | 56 |
| 9 | 400 | 57 | 50 | 43 | 38 | 26 | 27 | 62 | 54 | 46 | 41 | 30 | 35 | 66 | 57 | 49 | 44 | 33 | 41 | 70 | 62 | 54 | 49 | 38 | 49 |
| | 550 | 62 | 54 | 46 | 44 | 32 | 31 | 67 | 59 | 51 | 48 | 37 | 40 | 69 | 63 | 54 | 51 | 39 | 45 | 74 | 67 | 58 | 55 | 44 | 54 |
| | 700 | 66 | 59 | 50 | 47 | 37 | 34 | 70 | 63 | 55 | 51 | 41 | 44 | 73 | 66 | 57 | 54 | 44 | 49 | 78 | 70 | 63 | 58 | 49 | 57 |
| | 900 | 68 | 61 | 53 | 51 | 42 | 39 | 74 | 67 | 59 | 54 | 47 | 47 | 77 | 69 | 62 | 58 | 49 | 52 | 82 | 74 | 65 | 61 | 53 | 61 |
| | 1000 | 70 | 64 | 56 | 52 | 44 | 40 | 76 | 68 | 60 | 56 | 48 | 49 | 78 | 71 | 62 | 58 | 51 | 54 | 83 | 75 | 68 | 62 | 56 | 62 |
| 10 | 500 | 62 | 49 | 41 | 35 | 27 | 36 | 67 | 56 | 47 | 39 | 29 | 41 | 71 | 59 | 51 | 42 | 31 | 46 | 76 | 65 | 56 | 46 | 35 | 52 |
| | 700 | 67 | 54 | 46 | 39 | 34 | 40 | 72 | 60 | 52 | 44 | 37 | 47 | 75 | 63 | 56 | 48 | 39 | 51 | 81 | 69 | 62 | 53 | 41 | 56 |
| | 900 | 70 | 57 | 50 | 44 | 39 | 44 | 75 | 64 | 56 | 49 | 42 | 50 | 78 | 67 | 60 | 52 | 43 | 54 | 83 | 73 | 65 | 57 | 47 | 60 |
| | 1100 | 72 | 61 | 53 | 47 | 43 | 47 | 78 | 67 | 60 | 53 | 46 | 53 | 80 | 70 | 63 | 55 | 47 | 57 | 86 | 77 | 70 | 59 | 51 | 63 |
| | 1300 | * | * | * | * | * | * | 79 | 69 | 63 | 54 | 50 | 56 | 83 | 72 | 65 | 57 | 51 | 59 | 88 | 78 | 72 | 63 | 54 | 65 |
| 12 | 700 | 53 | 50 | 38 | 30 | 22 | 35 | 60 | 56 | 42 | 34 | 25 | 41 | 63 | 58 | 45 | 35 | 27 | 45 | 70 | 63 | 51 | 40 | 30 | 54 |
| | 1000 | 58 | 56 | 42 | 34 | 29 | 37 | 65 | 61 | 47 | 38 | 31 | 45 | 68 | 64 | 51 | 40 | 33 | 50 | 75 | 69 | 56 | 45 | 37 | 56 |
| | 1300 | 61 | 58 | 46 | 36 | 33 | 39 | 68 | 64 | 51 | 42 | 36 | 47 | 71 | 67 | 54 | 44 | 38 | 52 | 78 | 72 | 59 | 48 | 42 | 58 |
| | 1600 | 64 | 61 | 49 | 39 | 37 | 41 | 71 | 66 | 53 | 44 | 41 | 49 | 75 | 69 | 56 | 47 | 43 | 53 | 81 | 76 | 61 | 51 | 46 | 60 |
| | 1900 | 66 | 64 | 52 | 42 | 41 | 42 | 73 | 69 | 56 | 46 | 44 | 51 | 77 | 73 | 58 | 49 | 46 | 55 | 83 | 79 | 64 | 53 | 49 | 61 |
| 14 | 1000 | 56 | 50 | 42 | 35 | 36 | 41 | 62 | 56 | 47 | 40 | 40 | 49 | 66 | 60 | 50 | 43 | 42 | 52 | 72 | 67 | 54 | 49 | 47 | 60 |
| | 1475 | 61 | 54 | 47 | 38 | 40 | 42 | 67 | 61 | 51 | 44 | 44 | 51 | 70 | 65 | 54 | 47 | 45 | 55 | 76 | 70 | 59 | 52 | 50 | 62 |
| | 2100 | 65 | 59 | 51 | 41 | 44 | 44 | 71 | 64 | 56 | 46 | 48 | 53 | 74 | 68 | 59 | 49 | 49 | 56 | 81 | 74 | 63 | 55 | 53 | 63 |
| | 2425 | 67 | 60 | 52 | 42 | 45 | 45 | 73 | 66 | 57 | 48 | 49 | 53 | 77 | 69 | 60 | 51 | 50 | 57 | 83 | 76 | 64 | 56 | 55 | 64 |
| | 2900 | * | * | * | * | * | * | 74 | 67 | 59 | 50 | 50 | 53 | 79 | 72 | 61 | 52 | 53 | 58 | 85 | 78 | 67 | 58 | 57 | 66 |
| 16 | 1200 | 53 | 47 | 39 | 30 | 23 | 30 | 58 | 53 | 45 | 32 | 25 | 37 | 61 | 54 | 48 | 34 | 25 | 42 | 66 | 60 | 51 | 36 | 27 | 49 |
| | 1775 | 58 | 52 | 45 | 35 | 31 | 34 | 62 | 56 | 49 | 38 | 33 | 40 | 66 | 59 | 51 | 40 | 34 | 46 | 71 | 64 | 57 | 43 | 36 | 52 |
| | 2350 | 61 | 54 | 47 | 40 | 38 | 36 | 66 | 59 | 53 | 43 | 40 | 43 | 69 | 63 | 56 | 44 | 40 | 48 | 74 | 67 | 59 | 47 | 42 | 55 |
| | 2800 | * | * | * | * | * | * | 68 | 62 | 54 | 46 | 43 | 45 | 70 | 65 | 56 | 48 | 44 | 50 | 77 | 69 | 62 | 50 | 46 | 56 |
| | 3500 | * | * | * | * | * | * | 71 | 64 | 56 | 49 | 47 | 48 | 74 | 67 | 59 | 51 | 49 | 52 | 79 | 72 | 65 | 54 | 51 | 59 |

Performance Notes:

- Test data obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
- Sound power levels include duct end corrections per AHRI Standard 880-2017.
- All data are application ratings. Application ratings are outside the scope of the AHRI 880 Certification Program.
- Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
- Dashes (-) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.

PERFORMANCE DATA

DPUQ / DDUQ – Standard Mixing Ultra-Quiet Model - Radiated Sound Power Levels

Hospital Grade Liner (CRAF/PL) - Straight Silencer

| Unit Size | Airflow | Sound Power Levels Lw dB re 10 ⁻¹² Watts | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---------|---|----|----|----|----|----|-------------|----|----|----|----|----|-------------|----|----|----|----|----|-------------|----|----|----|----|----|--|--|--|--|
| | | 0.5 in.w.g. | | | | | | 1.0 in.w.g. | | | | | | 1.5 in.w.g. | | | | | | 3.0 in.w.g. | | | | | | | | | |
| | | Octave Band | | | | | | Octave Band | | | | | | Octave Band | | | | | | Octave Band | | | | | | | | | |
| cfm | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | |
| 4 | 75 | 44 | 30 | 26 | -- | -- | -- | 45 | 33 | 31 | 23 | 19 | -- | 45 | 34 | 34 | 26 | 23 | 20 | 47 | 37 | 38 | 31 | 28 | 26 | | | | |
| | 100 | 49 | 35 | 30 | -- | -- | -- | 50 | 37 | 34 | 26 | 23 | 19 | 50 | 39 | 37 | 29 | 26 | 22 | 52 | 41 | 41 | 34 | 31 | 28 | | | | |
| | 150 | 56 | 41 | 34 | 26 | 22 | -- | 57 | 43 | 39 | 31 | 27 | 22 | 57 | 45 | 41 | 34 | 30 | 26 | 59 | 47 | 46 | 38 | 36 | 32 | | | | |
| | 200 | 61 | 45 | 38 | 29 | 25 | 19 | 62 | 48 | 42 | 34 | 30 | 25 | 62 | 49 | 45 | 37 | 33 | 28 | 64 | 52 | 49 | 42 | 39 | 34 | | | | |
| | 225 | 63 | 47 | 39 | 30 | 26 | 20 | 64 | 50 | 43 | 35 | 32 | 26 | 64 | 51 | 46 | 38 | 35 | 29 | 66 | 53 | 51 | 43 | 40 | 35 | | | | |
| 5 | 150 | 48 | 34 | 29 | 25 | 21 | -- | 51 | 38 | 34 | 30 | 25 | 22 | 52 | 40 | 37 | 33 | 28 | 25 | 55 | 44 | 42 | 37 | 33 | 32 | | | | |
| | 200 | 52 | 37 | 32 | 27 | 23 | 18 | 55 | 41 | 37 | 32 | 28 | 25 | 56 | 44 | 40 | 35 | 31 | 28 | 59 | 48 | 45 | 40 | 35 | 35 | | | | |
| | 250 | 55 | 40 | 34 | 29 | 25 | 20 | 58 | 44 | 39 | 34 | 30 | 27 | 60 | 46 | 42 | 36 | 33 | 31 | 62 | 50 | 47 | 41 | 37 | 38 | | | | |
| | 300 | 58 | 42 | 35 | 30 | 27 | 22 | 60 | 46 | 40 | 35 | 31 | 29 | 62 | 49 | 43 | 38 | 34 | 33 | 65 | 53 | 48 | 43 | 39 | 39 | | | | |
| | 350 | 60 | 44 | 37 | 31 | 28 | 24 | 63 | 48 | 42 | 36 | 33 | 30 | 64 | 50 | 45 | 39 | 36 | 34 | 67 | 54 | 50 | 44 | 40 | 41 | | | | |
| 6 | 200 | 47 | 34 | 30 | 26 | 22 | 18 | 51 | 39 | 35 | 31 | 27 | 24 | 53 | 42 | 38 | 34 | 30 | 27 | 56 | 47 | 43 | 39 | 35 | 33 | | | | |
| | 250 | 50 | 36 | 32 | 28 | 24 | 20 | 53 | 41 | 37 | 32 | 29 | 26 | 55 | 44 | 40 | 35 | 32 | 29 | 59 | 49 | 45 | 40 | 37 | 35 | | | | |
| | 300 | 52 | 38 | 34 | 29 | 25 | 22 | 55 | 43 | 39 | 34 | 30 | 28 | 57 | 46 | 42 | 36 | 33 | 31 | 61 | 51 | 47 | 41 | 38 | 37 | | | | |
| | 350 | 54 | 40 | 35 | 30 | 27 | 23 | 57 | 45 | 40 | 35 | 32 | 29 | 59 | 48 | 43 | 38 | 34 | 32 | 63 | 53 | 48 | 42 | 39 | 38 | | | | |
| | 400 | 56 | 41 | 37 | 31 | 28 | 24 | 59 | 46 | 42 | 36 | 33 | 30 | 61 | 49 | 45 | 38 | 36 | 34 | 64 | 54 | 50 | 43 | 41 | 40 | | | | |
| 7 | 200 | 46 | 34 | 29 | 26 | -- | -- | 50 | 39 | 34 | 30 | 24 | 17 | 52 | 42 | 37 | 33 | 27 | 22 | 56 | 48 | 42 | 38 | 33 | 30 | | | | |
| | 300 | 50 | 39 | 33 | 30 | 22 | -- | 54 | 44 | 38 | 34 | 28 | 21 | 57 | 47 | 41 | 37 | 31 | 26 | 61 | 52 | 46 | 41 | 37 | 34 | | | | |
| | 400 | 54 | 42 | 36 | 32 | 25 | -- | 58 | 47 | 41 | 37 | 31 | 24 | 60 | 50 | 44 | 40 | 34 | 29 | 64 | 55 | 49 | 44 | 40 | 37 | | | | |
| | 500 | 56 | 45 | 38 | 35 | 27 | 18 | 60 | 50 | 43 | 39 | 33 | 26 | 63 | 53 | 46 | 42 | 36 | 31 | 67 | 58 | 51 | 46 | 42 | 39 | | | | |
| | 550 | 57 | 46 | 39 | 35 | 28 | 19 | 61 | 51 | 44 | 40 | 34 | 27 | 64 | 54 | 47 | 42 | 37 | 32 | 68 | 59 | 52 | 47 | 43 | 40 | | | | |
| 8 | 350 | 49 | 37 | 31 | 27 | 23 | -- | 53 | 43 | 37 | 31 | 27 | 21 | 56 | 46 | 40 | 33 | 29 | 25 | 61 | 51 | 45 | 37 | 33 | 33 | | | | |
| | 450 | 52 | 40 | 35 | 31 | 26 | 17 | 56 | 45 | 40 | 34 | 31 | 24 | 59 | 49 | 43 | 37 | 33 | 29 | 64 | 54 | 48 | 40 | 37 | 36 | | | | |
| | 550 | 54 | 42 | 37 | 34 | 29 | 20 | 59 | 47 | 42 | 37 | 33 | 27 | 61 | 51 | 45 | 40 | 36 | 32 | 66 | 56 | 50 | 43 | 40 | 39 | | | | |
| | 700 | 57 | 44 | 40 | 37 | 33 | 23 | 61 | 50 | 45 | 41 | 37 | 30 | 64 | 53 | 48 | 43 | 39 | 35 | 69 | 59 | 53 | 47 | 43 | 42 | | | | |
| | 750 | * | * | * | * | * | * | 62 | 51 | 46 | 42 | 38 | 31 | 65 | 54 | 49 | 44 | 40 | 36 | 69 | 59 | 54 | 48 | 44 | 43 | | | | |
| 9 | 400 | 45 | 36 | 33 | 33 | 28 | 19 | 50 | 41 | 38 | 36 | 32 | 26 | 53 | 44 | 40 | 38 | 35 | 31 | 57 | 49 | 45 | 42 | 39 | 38 | | | | |
| | 550 | 49 | 40 | 36 | 36 | 31 | 22 | 54 | 45 | 41 | 39 | 35 | 29 | 57 | 48 | 43 | 41 | 37 | 33 | 61 | 53 | 48 | 44 | 41 | 40 | | | | |
| | 700 | 53 | 43 | 39 | 38 | 33 | 24 | 57 | 48 | 43 | 41 | 37 | 31 | 60 | 51 | 46 | 43 | 39 | 35 | 65 | 56 | 50 | 46 | 43 | 42 | | | | |
| | 900 | 56 | 46 | 41 | 40 | 35 | 25 | 61 | 51 | 46 | 43 | 39 | 32 | 63 | 54 | 48 | 45 | 41 | 37 | 68 | 59 | 53 | 49 | 46 | 44 | | | | |
| | 1000 | 57 | 47 | 42 | 41 | 36 | 26 | 62 | 52 | 47 | 44 | 40 | 33 | 65 | 55 | 49 | 46 | 42 | 37 | 69 | 61 | 54 | 49 | 46 | 44 | | | | |
| 10 | 500 | 45 | 37 | 34 | 33 | 29 | 19 | 51 | 43 | 38 | 36 | 32 | 25 | 54 | 46 | 41 | 38 | 35 | 29 | 59 | 51 | 46 | 42 | 38 | 35 | | | | |
| | 700 | 50 | 41 | 37 | 36 | 32 | 23 | 55 | 47 | 42 | 40 | 35 | 29 | 58 | 50 | 45 | 42 | 38 | 32 | 63 | 56 | 49 | 45 | 41 | 38 | | | | |
| | 900 | 53 | 44 | 40 | 38 | 34 | 25 | 59 | 50 | 45 | 42 | 38 | 31 | 62 | 53 | 47 | 44 | 40 | 35 | 67 | 59 | 52 | 48 | 44 | 40 | | | | |
| | 1100 | 56 | 47 | 42 | 40 | 36 | 27 | 61 | 52 | 47 | 44 | 40 | 33 | 64 | 56 | 49 | 46 | 42 | 37 | 69 | 61 | 54 | 50 | 45 | 42 | | | | |
| | 1300 | * | * | * | * | * | * | 63 | 54 | 48 | 45 | 41 | 35 | 66 | 58 | 51 | 48 | 43 | 38 | 72 | 63 | 56 | 51 | 47 | 44 | | | | |
| 12 | 700 | 46 | 38 | 35 | 32 | 29 | 21 | 51 | 43 | 39 | 36 | 33 | 27 | 54 | 46 | 42 | 38 | 35 | 30 | 60 | 51 | 46 | 42 | 39 | 36 | | | | |
| | 1000 | 50 | 42 | 39 | 35 | 32 | 25 | 56 | 48 | 43 | 39 | 36 | 31 | 59 | 51 | 46 | 41 | 39 | 34 | 65 | 56 | 50 | 45 | 43 | 40 | | | | |
| | 1300 | 54 | 46 | 42 | 37 | 35 | 28 | 59 | 51 | 46 | 41 | 39 | 34 | 62 | 54 | 49 | 43 | 41 | 37 | 68 | 59 | 53 | 47 | 45 | 43 | | | | |
| | 1600 | 56 | 48 | 45 | 39 | 37 | 30 | 62 | 53 | 49 | 42 | 41 | 36 | 65 | 56 | 51 | 45 | 43 | 40 | 71 | 62 | 56 | 49 | 47 | 45 | | | | |
| | 1900 | 58 | 50 | 47 | 40 | 39 | 32 | 64 | 56 | 51 | 44 | 43 | 38 | 67 | 59 | 54 | 46 | 45 | 42 | 73 | 64 | 58 | 50 | 49 | 47 | | | | |
| 14 | 1000 | 50 | 43 | 39 | 31 | 28 | 19 | 56 | 49 | 44 | 36 | 33 | 26 | 60 | 53 | 47 | 39 | 37 | 31 | 67 | 59 | 51 | 45 | 42 | 38 | | | | |
| | 1475 | 54 | 46 | 43 | 34 | 31 | 24 | 61 | 52 | 48 | 40 | 37 | 31 | 65 | 56 | 51 | 43 | 40 | 35 | 71 | 63 | 56 | 48 | 46 | 42 | | | | |
| | 2100 | 58 | 49 | 48 | 37 | 35 | 28 | 64 | 56 | 52 | 43 | 40 | 35 | 68 | 59 | 55 | 46 | 43 | 39 | 75 | 66 | 60 | 51 | 49 | 46 | | | | |
| | 2425 | 59 | 51 | 49 | 39 | 36 | 29 | 66 | 57 | 54 | 44 | 41 | 37 | 70 | 61 | 57 | 47 | 45 | 41 | 77 | 67 | 62 | 52 | 50 | 48 | | | | |
| | 2900 | * | * | * | * | * | * | 68 | 59 | 56 | 46 | 43 | 39 | 72 | 62 | 59 | 49 | 46 | 43 | 78 | 69 | 64 | 54 | 52 | 50 | | | | |
| 16 | 1200 | 51 | 43 | 37 | 32 | 27 | 17 | 57 | 50 | 42 | 36 | 31 | 24 | 60 | 53 | 45 | 39 | 33 | 27 | 66 | 60 | 50 | 43 | 38 | 33 | | | | |
| | 1775 | 55 | 46 | 41 | 36 | 31 | 22 | 61 | 53 | 46 | 40 | 35 | 28 | 64 | 57 | 49 | 42 | 38 | 32 | 70 | 63 | 54 | 47 | 42 | 38 | | | | |
| | 2350 | 58 | 48 | 44 | 38 | 34 | 26 | 64 | 55 | 49 | 43 | 38 | 32 | 67 | 59 | 52 | 45 | 41 | 35 | 73 | 65 | 57 | 49 | 45 | 42 | | | | |
| | 2800 | * | * | * | * | * | * | 65 | 56 | 51 | 44 | 40 | 34 | 69 | 60 | 53 | 47 | 43 | 38 | 75 | 67 | 59 | 51 | 47 | 44 | | | | |
| | 3500 | * | * | * | * | * | * | 68 | 58 | 53 | 46 | 43 | 37 | 71 | 62 | 56 | 49 | 45 | 40 | 77 | 68 | 61 | 53 | 49 | 47 | | | | |

Performance Notes:

- Test data obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
- Sound power levels include duct end corrections per AHRI Standard 880-2017.
- All data are application ratings. Application ratings are outside the scope of the AHRI 880 Certification Program.
- Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
- Dashes (-) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.

PERFORMANCE DATA

DPUQ / DDUQ – Standard Mixing Ultra-Quiet Model - Discharge Sound Power Levels

Hospital Grade Liner (CRWF/PL) - Straight Silencer

| Unit Size | Airflow cfm | Sound Power Levels Lw dB re 10 ⁻¹² Watts | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------------|---|----|----|----|----|----|-------------|----|----|----|----|----|-------------|----|----|----|----|----|-------------|----|----|----|----|----|
| | | 0.5 in.w.g. | | | | | | 1.0 in.w.g. | | | | | | 1.5 in.w.g. | | | | | | 3.0 in.w.g. | | | | | |
| | | Octave Band | | | | | | Octave Band | | | | | | Octave Band | | | | | | Octave Band | | | | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 4 | 75 | 52 | 36 | 29 | 25 | 22 | 19 | 54 | 39 | 29 | 25 | 22 | 19 | 56 | 41 | 31 | 25 | 22 | 20 | 58 | 44 | 34 | 25 | 24 | 26 |
| | 100 | 55 | 40 | 29 | 25 | 22 | 19 | 58 | 43 | 32 | 25 | 22 | 20 | 59 | 45 | 34 | 25 | 23 | 24 | 62 | 48 | 38 | 25 | 27 | 29 |
| | 150 | 61 | 45 | 32 | 25 | 22 | 20 | 63 | 48 | 36 | 25 | 24 | 26 | 64 | 50 | 38 | 25 | 27 | 29 | 67 | 53 | 42 | 25 | 31 | 35 |
| | 200 | 64 | 49 | 35 | 25 | 23 | 24 | 67 | 52 | 39 | 25 | 27 | 30 | 68 | 54 | 41 | 25 | 29 | 33 | 71 | 57 | 45 | 26 | 34 | 39 |
| | 225 | 66 | 51 | 37 | 25 | 24 | 26 | 68 | 54 | 40 | 25 | 28 | 31 | 70 | 56 | 43 | 25 | 31 | 35 | 72 | 59 | 46 | 28 | 35 | 40 |
| 5 | 150 | 55 | 40 | 29 | 25 | 22 | 19 | 58 | 43 | 29 | 25 | 24 | 24 | 59 | 45 | 30 | 25 | 26 | 28 | 62 | 48 | 34 | 25 | 30 | 35 |
| | 200 | 59 | 44 | 29 | 25 | 23 | 21 | 61 | 47 | 33 | 25 | 27 | 28 | 63 | 49 | 35 | 25 | 30 | 32 | 66 | 52 | 38 | 26 | 34 | 39 |
| | 250 | 62 | 47 | 33 | 25 | 26 | 24 | 64 | 50 | 36 | 25 | 30 | 31 | 66 | 52 | 38 | 26 | 32 | 35 | 69 | 55 | 42 | 29 | 36 | 42 |
| | 300 | 64 | 50 | 36 | 25 | 28 | 26 | 67 | 53 | 39 | 27 | 32 | 33 | 68 | 55 | 41 | 28 | 34 | 37 | 71 | 58 | 45 | 32 | 38 | 44 |
| | 350 | 66 | 52 | 38 | 26 | 30 | 28 | 69 | 55 | 42 | 29 | 34 | 35 | 70 | 57 | 44 | 31 | 36 | 39 | 73 | 60 | 47 | 34 | 40 | 46 |
| 6 | 200 | 56 | 44 | 30 | 25 | 23 | 20 | 60 | 47 | 34 | 25 | 27 | 27 | 62 | 49 | 36 | 25 | 29 | 31 | 65 | 53 | 39 | 25 | 33 | 37 |
| | 250 | 59 | 47 | 34 | 25 | 25 | 23 | 62 | 50 | 37 | 25 | 29 | 30 | 64 | 52 | 39 | 26 | 31 | 33 | 68 | 56 | 42 | 28 | 35 | 40 |
| | 300 | 61 | 50 | 36 | 25 | 27 | 25 | 65 | 53 | 40 | 27 | 31 | 32 | 67 | 55 | 42 | 29 | 33 | 36 | 70 | 59 | 45 | 31 | 37 | 42 |
| | 350 | 63 | 52 | 39 | 27 | 29 | 27 | 67 | 55 | 42 | 30 | 33 | 34 | 69 | 57 | 44 | 31 | 35 | 37 | 72 | 61 | 47 | 33 | 39 | 44 |
| | 400 | 65 | 54 | 41 | 29 | 31 | 29 | 69 | 57 | 44 | 31 | 34 | 35 | 71 | 59 | 46 | 33 | 37 | 39 | 74 | 63 | 49 | 35 | 40 | 46 |
| 7 | 200 | 54 | 43 | 29 | 25 | 22 | 19 | 58 | 47 | 30 | 25 | 24 | 26 | 60 | 50 | 32 | 25 | 26 | 30 | 65 | 54 | 37 | 25 | 30 | 37 |
| | 300 | 60 | 48 | 32 | 25 | 25 | 24 | 64 | 52 | 36 | 25 | 29 | 31 | 66 | 55 | 39 | 26 | 32 | 35 | 71 | 59 | 43 | 28 | 36 | 42 |
| | 400 | 64 | 52 | 36 | 27 | 29 | 27 | 68 | 56 | 40 | 29 | 33 | 34 | 71 | 59 | 43 | 30 | 36 | 38 | 75 | 63 | 47 | 33 | 40 | 45 |
| | 500 | 67 | 54 | 39 | 31 | 32 | 29 | 71 | 59 | 44 | 33 | 36 | 36 | 74 | 61 | 46 | 34 | 39 | 40 | 78 | 66 | 51 | 36 | 43 | 47 |
| | 550 | 69 | 56 | 41 | 32 | 33 | 30 | 73 | 60 | 45 | 34 | 38 | 37 | 75 | 63 | 48 | 36 | 40 | 41 | 79 | 67 | 52 | 38 | 44 | 48 |
| 8 | 350 | 59 | 44 | 30 | 25 | 28 | 23 | 64 | 50 | 35 | 25 | 31 | 30 | 67 | 53 | 37 | 25 | 33 | 33 | 72 | 58 | 42 | 27 | 36 | 40 |
| | 450 | 62 | 48 | 34 | 27 | 31 | 26 | 67 | 53 | 38 | 29 | 34 | 33 | 70 | 56 | 41 | 30 | 36 | 37 | 75 | 61 | 46 | 32 | 39 | 43 |
| | 550 | 65 | 51 | 37 | 31 | 34 | 29 | 69 | 56 | 41 | 33 | 37 | 35 | 72 | 59 | 44 | 34 | 39 | 39 | 77 | 64 | 49 | 36 | 42 | 46 |
| | 700 | 67 | 55 | 40 | 36 | 37 | 32 | 72 | 60 | 45 | 38 | 40 | 38 | 75 | 63 | 48 | 39 | 42 | 42 | 80 | 68 | 53 | 40 | 45 | 49 |
| | 750 | * | * | * | * | * | * | 73 | 61 | 46 | 39 | 41 | 39 | 76 | 64 | 49 | 40 | 43 | 43 | 81 | 69 | 54 | 42 | 46 | 49 |
| 9 | 400 | 58 | 43 | 29 | 25 | 27 | 23 | 62 | 47 | 31 | 25 | 31 | 30 | 65 | 50 | 33 | 26 | 33 | 34 | 69 | 54 | 37 | 28 | 36 | 41 |
| | 550 | 63 | 48 | 33 | 28 | 32 | 27 | 67 | 52 | 37 | 30 | 35 | 34 | 69 | 55 | 39 | 32 | 37 | 38 | 73 | 59 | 42 | 34 | 41 | 45 |
| | 700 | 66 | 52 | 38 | 32 | 35 | 30 | 70 | 56 | 41 | 34 | 38 | 37 | 73 | 59 | 43 | 36 | 41 | 41 | 77 | 63 | 47 | 38 | 44 | 48 |
| | 900 | 69 | 55 | 42 | 36 | 38 | 34 | 74 | 60 | 46 | 38 | 42 | 40 | 76 | 62 | 48 | 40 | 44 | 44 | 80 | 67 | 51 | 42 | 47 | 51 |
| | 1000 | 71 | 57 | 44 | 38 | 40 | 35 | 75 | 61 | 47 | 40 | 43 | 42 | 77 | 64 | 49 | 41 | 45 | 46 | 82 | 68 | 53 | 43 | 49 | 52 |
| 10 | 500 | 59 | 42 | 30 | 26 | 30 | 29 | 64 | 48 | 35 | 28 | 33 | 34 | 67 | 52 | 38 | 29 | 35 | 38 | 72 | 57 | 42 | 31 | 38 | 43 |
| | 700 | 64 | 47 | 35 | 31 | 35 | 33 | 69 | 53 | 40 | 33 | 38 | 39 | 72 | 56 | 43 | 35 | 40 | 42 | 77 | 62 | 48 | 37 | 43 | 48 |
| | 900 | 67 | 51 | 39 | 35 | 38 | 36 | 72 | 57 | 44 | 37 | 42 | 42 | 75 | 60 | 47 | 39 | 43 | 45 | 80 | 66 | 51 | 41 | 46 | 51 |
| | 1100 | 70 | 54 | 42 | 38 | 41 | 39 | 75 | 60 | 47 | 41 | 44 | 45 | 78 | 63 | 50 | 42 | 46 | 48 | 83 | 69 | 55 | 44 | 49 | 53 |
| | 1300 | * | * | * | * | * | * | 77 | 62 | 50 | 43 | 47 | 47 | 80 | 65 | 52 | 44 | 48 | 50 | 85 | 71 | 57 | 47 | 51 | 56 |
| 12 | 700 | 53 | 44 | 30 | 28 | 33 | 32 | 58 | 49 | 34 | 31 | 36 | 37 | 61 | 51 | 37 | 32 | 38 | 40 | 66 | 56 | 41 | 35 | 41 | 46 |
| | 1000 | 58 | 49 | 36 | 33 | 37 | 36 | 63 | 54 | 40 | 36 | 40 | 41 | 66 | 57 | 43 | 37 | 42 | 45 | 71 | 62 | 47 | 40 | 45 | 50 |
| | 1300 | 61 | 52 | 41 | 36 | 40 | 39 | 66 | 57 | 45 | 39 | 43 | 44 | 69 | 60 | 47 | 41 | 45 | 48 | 74 | 65 | 51 | 44 | 48 | 53 |
| | 1600 | 64 | 55 | 44 | 39 | 43 | 41 | 69 | 60 | 48 | 42 | 46 | 47 | 72 | 63 | 50 | 44 | 48 | 50 | 77 | 68 | 54 | 47 | 51 | 55 |
| | 1900 | 66 | 58 | 47 | 42 | 45 | 43 | 71 | 63 | 51 | 45 | 48 | 49 | 74 | 66 | 53 | 46 | 50 | 52 | 79 | 71 | 57 | 49 | 53 | 57 |
| 14 | 1000 | 55 | 44 | 33 | 31 | 39 | 35 | 61 | 50 | 37 | 35 | 43 | 43 | 64 | 53 | 39 | 37 | 45 | 47 | 69 | 59 | 43 | 41 | 50 | 54 |
| | 1475 | 61 | 49 | 40 | 36 | 42 | 38 | 66 | 55 | 44 | 40 | 46 | 46 | 69 | 58 | 46 | 42 | 48 | 50 | 74 | 63 | 50 | 46 | 53 | 58 |
| | 2100 | 66 | 54 | 46 | 40 | 45 | 41 | 71 | 59 | 50 | 44 | 49 | 49 | 74 | 63 | 52 | 46 | 51 | 53 | 79 | 68 | 56 | 50 | 55 | 60 |
| | 2425 | 68 | 56 | 48 | 42 | 46 | 42 | 73 | 61 | 52 | 46 | 50 | 50 | 76 | 64 | 54 | 48 | 52 | 54 | 81 | 70 | 58 | 52 | 57 | 61 |
| | 2900 | * | * | * | * | * | * | 75 | 63 | 55 | 48 | 51 | 51 | 79 | 67 | 57 | 50 | 54 | 55 | 84 | 72 | 61 | 54 | 58 | 63 |
| 16 | 1200 | 53 | 43 | 31 | 26 | 30 | 28 | 57 | 48 | 35 | 28 | 33 | 34 | 60 | 50 | 37 | 29 | 34 | 38 | 65 | 55 | 40 | 30 | 37 | 44 |
| | 1775 | 59 | 49 | 38 | 33 | 35 | 32 | 63 | 53 | 41 | 35 | 38 | 38 | 66 | 56 | 43 | 36 | 40 | 42 | 71 | 61 | 47 | 38 | 43 | 48 |
| | 2350 | 63 | 52 | 42 | 39 | 40 | 35 | 68 | 57 | 46 | 40 | 43 | 41 | 70 | 60 | 48 | 41 | 44 | 45 | 75 | 64 | 51 | 43 | 47 | 51 |
| | 2800 | * | * | * | * | * | * | 70 | 60 | 49 | 44 | 45 | 43 | 73 | 62 | 50 | 45 | 47 | 47 | 78 | 67 | 54 | 46 | 50 | 53 |
| | 3500 | * | * | * | * | * | * | 74 | 63 | 52 | 48 | 48 | 46 | 77 | 65 | 54 | 49 | 50 | 49 | 81 | 70 | 58 | 51 | 53 | 56 |

Performance Notes:

- Test data obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
- Sound power levels include duct end corrections per AHRI Standard 880-2017.
- All data are application ratings. Application ratings are outside the scope of the AHRI 880 Certification Program.
- Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
- Dashes (-) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.

PERFORMANCE DATA

DPUQ / DDUQ – Standard Mixing Ultra-Quiet Model - Radiated Sound Power Levels

Hospital Grade Liner (CRWF/PL) - Straight Silencer

| Unit Size | Airflow cfm | Sound Power Levels Lw dB re 10 ⁻¹² Watts | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------------|---|----|----|----|----|----|-------------|----|----|----|----|----|-------------|----|----|----|----|----|-------------|----|----|----|----|----|
| | | 0.5 in.w.g. | | | | | | 1.0 in.w.g. | | | | | | 1.5 in.w.g. | | | | | | 3.0 in.w.g. | | | | | |
| | | Octave Band | | | | | | Octave Band | | | | | | Octave Band | | | | | | Octave Band | | | | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 |
| 4 | 75 | 44 | 30 | 26 | -- | -- | -- | 45 | 33 | 31 | 23 | 19 | -- | 45 | 34 | 34 | 26 | 23 | 20 | 47 | 37 | 38 | 31 | 28 | 26 |
| | 100 | 49 | 35 | 30 | -- | -- | -- | 50 | 37 | 34 | 26 | 23 | 19 | 50 | 39 | 37 | 29 | 26 | 22 | 52 | 41 | 41 | 34 | 31 | 28 |
| | 150 | 56 | 41 | 34 | 26 | 22 | -- | 57 | 43 | 39 | 31 | 27 | 22 | 57 | 45 | 41 | 34 | 30 | 26 | 59 | 47 | 46 | 38 | 36 | 32 |
| | 200 | 61 | 45 | 38 | 29 | 25 | 19 | 62 | 48 | 42 | 34 | 30 | 25 | 62 | 49 | 45 | 37 | 33 | 28 | 64 | 52 | 49 | 42 | 39 | 34 |
| | 225 | 63 | 47 | 39 | 30 | 26 | 20 | 64 | 50 | 43 | 35 | 32 | 26 | 64 | 51 | 46 | 38 | 35 | 29 | 66 | 53 | 51 | 43 | 40 | 35 |
| 5 | 150 | 48 | 34 | 29 | 25 | 21 | -- | 51 | 38 | 34 | 30 | 25 | 22 | 52 | 40 | 37 | 33 | 28 | 25 | 55 | 44 | 42 | 37 | 33 | 32 |
| | 200 | 52 | 37 | 32 | 27 | 23 | 18 | 55 | 41 | 37 | 32 | 28 | 25 | 56 | 44 | 40 | 35 | 31 | 28 | 59 | 48 | 45 | 40 | 35 | 35 |
| | 250 | 55 | 40 | 34 | 29 | 25 | 20 | 58 | 44 | 39 | 34 | 30 | 27 | 60 | 46 | 42 | 36 | 33 | 31 | 62 | 50 | 47 | 41 | 37 | 38 |
| | 300 | 58 | 42 | 35 | 30 | 27 | 22 | 60 | 46 | 40 | 35 | 31 | 29 | 62 | 49 | 43 | 38 | 34 | 33 | 65 | 53 | 48 | 43 | 39 | 39 |
| | 350 | 60 | 44 | 37 | 31 | 28 | 24 | 63 | 48 | 42 | 36 | 33 | 30 | 64 | 50 | 45 | 39 | 36 | 34 | 67 | 54 | 50 | 44 | 40 | 41 |
| 6 | 200 | 47 | 34 | 30 | 26 | 22 | 18 | 51 | 39 | 35 | 31 | 27 | 24 | 53 | 42 | 38 | 34 | 30 | 27 | 56 | 47 | 43 | 39 | 35 | 33 |
| | 250 | 50 | 36 | 32 | 28 | 24 | 20 | 53 | 41 | 37 | 32 | 29 | 26 | 55 | 44 | 40 | 35 | 32 | 29 | 59 | 49 | 45 | 40 | 37 | 35 |
| | 300 | 52 | 38 | 34 | 29 | 25 | 22 | 55 | 43 | 39 | 34 | 30 | 28 | 57 | 46 | 42 | 36 | 33 | 31 | 61 | 51 | 47 | 41 | 38 | 37 |
| | 350 | 54 | 40 | 35 | 30 | 27 | 23 | 57 | 45 | 40 | 35 | 32 | 29 | 59 | 48 | 43 | 38 | 34 | 32 | 63 | 53 | 48 | 42 | 39 | 38 |
| | 400 | 56 | 41 | 37 | 31 | 28 | 24 | 59 | 46 | 42 | 36 | 33 | 30 | 61 | 49 | 45 | 38 | 36 | 34 | 64 | 54 | 50 | 43 | 41 | 40 |
| 7 | 200 | 46 | 34 | 29 | 26 | -- | -- | 50 | 39 | 34 | 30 | 24 | 17 | 52 | 42 | 37 | 33 | 27 | 22 | 56 | 48 | 42 | 38 | 33 | 30 |
| | 300 | 50 | 39 | 33 | 30 | 22 | -- | 54 | 44 | 38 | 34 | 28 | 21 | 57 | 47 | 41 | 37 | 31 | 26 | 61 | 52 | 46 | 41 | 37 | 34 |
| | 400 | 54 | 42 | 36 | 32 | 25 | -- | 58 | 47 | 41 | 37 | 31 | 24 | 60 | 50 | 44 | 40 | 34 | 29 | 64 | 55 | 49 | 44 | 40 | 37 |
| | 500 | 56 | 45 | 38 | 35 | 27 | 18 | 60 | 50 | 43 | 39 | 33 | 26 | 63 | 53 | 46 | 42 | 36 | 31 | 67 | 58 | 51 | 46 | 42 | 39 |
| | 550 | 57 | 46 | 39 | 35 | 28 | 19 | 61 | 51 | 44 | 40 | 34 | 27 | 64 | 54 | 47 | 42 | 37 | 32 | 68 | 59 | 52 | 47 | 43 | 40 |
| 8 | 350 | 49 | 37 | 31 | 27 | 23 | -- | 53 | 43 | 37 | 31 | 27 | 21 | 56 | 46 | 40 | 33 | 29 | 25 | 61 | 51 | 45 | 37 | 33 | 33 |
| | 450 | 52 | 40 | 35 | 31 | 26 | 17 | 56 | 45 | 40 | 34 | 31 | 24 | 59 | 49 | 43 | 37 | 33 | 29 | 64 | 54 | 48 | 40 | 37 | 36 |
| | 550 | 54 | 42 | 37 | 34 | 29 | 20 | 59 | 47 | 42 | 37 | 33 | 27 | 61 | 51 | 45 | 40 | 36 | 32 | 66 | 56 | 50 | 43 | 40 | 39 |
| | 700 | 57 | 44 | 40 | 37 | 33 | 23 | 61 | 50 | 45 | 41 | 37 | 30 | 64 | 53 | 48 | 43 | 39 | 35 | 69 | 59 | 53 | 47 | 43 | 42 |
| | 750 | * | * | * | * | * | * | 62 | 51 | 46 | 42 | 38 | 31 | 65 | 54 | 49 | 44 | 40 | 36 | 69 | 59 | 54 | 48 | 44 | 43 |
| 9 | 400 | 45 | 36 | 33 | 33 | 28 | 19 | 50 | 41 | 38 | 36 | 32 | 26 | 53 | 44 | 40 | 38 | 35 | 31 | 57 | 49 | 45 | 42 | 39 | 38 |
| | 550 | 49 | 40 | 36 | 36 | 31 | 22 | 54 | 45 | 41 | 39 | 35 | 29 | 57 | 48 | 43 | 41 | 37 | 33 | 61 | 53 | 48 | 44 | 41 | 40 |
| | 700 | 53 | 43 | 39 | 38 | 33 | 24 | 57 | 48 | 43 | 41 | 37 | 31 | 60 | 51 | 46 | 43 | 39 | 35 | 65 | 56 | 50 | 46 | 43 | 42 |
| | 900 | 56 | 46 | 41 | 40 | 35 | 25 | 61 | 51 | 46 | 43 | 39 | 32 | 63 | 54 | 48 | 45 | 41 | 37 | 68 | 59 | 53 | 49 | 46 | 44 |
| | 1000 | 57 | 47 | 42 | 41 | 36 | 26 | 62 | 52 | 47 | 44 | 40 | 33 | 65 | 55 | 49 | 46 | 42 | 37 | 69 | 61 | 54 | 49 | 46 | 44 |
| 10 | 500 | 45 | 37 | 34 | 33 | 29 | 19 | 51 | 43 | 38 | 36 | 32 | 25 | 54 | 46 | 41 | 38 | 35 | 29 | 59 | 51 | 46 | 42 | 38 | 35 |
| | 700 | 50 | 41 | 37 | 36 | 32 | 23 | 55 | 47 | 42 | 40 | 35 | 29 | 58 | 50 | 45 | 42 | 38 | 32 | 63 | 56 | 49 | 45 | 41 | 38 |
| | 900 | 53 | 44 | 40 | 38 | 34 | 25 | 59 | 50 | 45 | 42 | 38 | 31 | 62 | 53 | 47 | 44 | 40 | 35 | 67 | 59 | 52 | 48 | 44 | 40 |
| | 1100 | 56 | 47 | 42 | 40 | 36 | 27 | 61 | 52 | 47 | 44 | 40 | 33 | 64 | 56 | 49 | 46 | 42 | 37 | 69 | 61 | 54 | 50 | 45 | 42 |
| | 1300 | * | * | * | * | * | * | 63 | 54 | 48 | 45 | 41 | 35 | 66 | 58 | 51 | 48 | 43 | 38 | 72 | 63 | 56 | 51 | 47 | 44 |
| 12 | 700 | 46 | 38 | 35 | 32 | 29 | 21 | 51 | 43 | 39 | 36 | 33 | 27 | 54 | 46 | 42 | 38 | 35 | 30 | 60 | 51 | 46 | 42 | 39 | 36 |
| | 1000 | 50 | 42 | 39 | 35 | 32 | 25 | 56 | 48 | 43 | 39 | 36 | 31 | 59 | 51 | 46 | 41 | 39 | 34 | 65 | 56 | 50 | 45 | 43 | 40 |
| | 1300 | 54 | 46 | 42 | 37 | 35 | 28 | 59 | 51 | 46 | 41 | 39 | 34 | 62 | 54 | 49 | 43 | 41 | 37 | 68 | 59 | 53 | 47 | 45 | 43 |
| | 1600 | 56 | 48 | 45 | 39 | 37 | 30 | 62 | 53 | 49 | 42 | 41 | 36 | 65 | 56 | 51 | 45 | 43 | 40 | 71 | 62 | 56 | 49 | 47 | 45 |
| | 1900 | 58 | 50 | 47 | 40 | 39 | 32 | 64 | 56 | 51 | 44 | 43 | 38 | 67 | 59 | 54 | 46 | 45 | 42 | 73 | 64 | 58 | 50 | 49 | 47 |
| 14 | 1000 | 50 | 43 | 39 | 31 | 28 | 19 | 56 | 49 | 44 | 36 | 33 | 26 | 60 | 53 | 47 | 39 | 37 | 31 | 67 | 59 | 51 | 45 | 42 | 38 |
| | 1475 | 54 | 46 | 43 | 34 | 31 | 24 | 61 | 52 | 48 | 40 | 37 | 31 | 65 | 56 | 51 | 43 | 40 | 35 | 71 | 63 | 56 | 48 | 46 | 42 |
| | 2100 | 58 | 49 | 48 | 37 | 35 | 28 | 64 | 56 | 52 | 43 | 40 | 35 | 68 | 59 | 55 | 46 | 43 | 39 | 75 | 66 | 60 | 51 | 49 | 46 |
| | 2425 | 59 | 51 | 49 | 39 | 36 | 29 | 66 | 57 | 54 | 44 | 41 | 37 | 70 | 61 | 57 | 47 | 45 | 41 | 77 | 67 | 62 | 52 | 50 | 48 |
| | 2900 | * | * | * | * | * | * | 68 | 59 | 56 | 46 | 43 | 39 | 72 | 62 | 59 | 49 | 46 | 43 | 78 | 69 | 64 | 54 | 52 | 50 |
| 16 | 1200 | 51 | 43 | 37 | 32 | 27 | 17 | 57 | 50 | 42 | 36 | 31 | 24 | 60 | 53 | 45 | 39 | 33 | 27 | 66 | 60 | 50 | 43 | 38 | 33 |
| | 1775 | 55 | 46 | 41 | 36 | 31 | 22 | 61 | 53 | 46 | 40 | 35 | 28 | 64 | 57 | 49 | 42 | 38 | 32 | 70 | 63 | 54 | 47 | 42 | 38 |
| | 2350 | 58 | 48 | 44 | 38 | 34 | 26 | 64 | 55 | 49 | 43 | 38 | 32 | 67 | 59 | 52 | 45 | 41 | 35 | 73 | 65 | 57 | 49 | 45 | 42 |
| | 2800 | * | * | * | * | * | * | 65 | 56 | 51 | 44 | 40 | 34 | 69 | 60 | 53 | 47 | 43 | 38 | 75 | 67 | 59 | 51 | 47 | 44 |
| | 3500 | * | * | * | * | * | * | 68 | 58 | 53 | 46 | 43 | 37 | 71 | 62 | 56 | 49 | 45 | 40 | 77 | 68 | 61 | 53 | 49 | 47 |

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
2. Sound power levels include duct end corrections per AHRI Standard 880-2017.
3. All data are application ratings. Application ratings are outside the scope of the AHRI 880 Certification Program.
4. Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
5. Dashes (-) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.

PERFORMANCE DATA

DPM / DDM – High-Mixing Model - Typical Selection Guide

| Unit Size | Airflow | Minimum ΔP_s | Min. ΔP_t | Discharge NC ΔP_s Across Unit | | | | Radiated NC ΔP_s Across Unit | | | | |
|-----------|---------|----------------------|-------------------|---------------------------------------|----------|----------|--------------|--------------------------------------|--------------|--------------|--------------|--------------|
| | | | | cfm | in. w.g. | in. w.g. | 0.5 in. w.g. | 1.0 in. w.g. | 1.5 in. w.g. | 3.0 in. w.g. | 0.5 in. w.g. | 1.0 in. w.g. |
| 4 | 75 | 0.06 | 0.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 100 | 0.10 | 0.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 150 | 0.21 | 0.39 | -- | -- | -- | -- | -- | -- | -- | -- | 24 |
| | 200 | 0.35 | 0.67 | -- | 20 | 21 | 24 | -- | 21 | 24 | 28 | 28 |
| | 225 | 0.43 | 0.84 | -- | 22 | 24 | 26 | -- | 23 | 26 | 30 | 30 |
| 5 | 150 | 0.08 | 0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 200 | 0.13 | 0.26 | -- | -- | -- | 21 | -- | -- | -- | -- | 20 |
| | 250 | 0.19 | 0.39 | -- | 20 | 22 | 25 | -- | -- | -- | -- | 23 |
| | 300 | 0.25 | 0.55 | -- | -- | 21 | 25 | -- | -- | -- | -- | 26 |
| | 350 | 0.33 | 0.73 | -- | 22 | 24 | 27 | -- | -- | -- | 22 | 28 |
| 6 | 200 | 0.12 | 0.18 | -- | -- | -- | 21 | -- | -- | -- | -- | 21 |
| | 250 | 0.18 | 0.27 | -- | -- | 20 | 24 | -- | -- | -- | -- | 23 |
| | 300 | 0.25 | 0.38 | -- | -- | -- | 23 | -- | -- | -- | -- | 26 |
| | 350 | 0.33 | 0.51 | -- | -- | 21 | 25 | -- | -- | -- | 22 | 28 |
| | 400 | 0.41 | 0.65 | -- | 21 | 23 | 27 | -- | -- | 23 | 30 | 30 |
| 7 | 200 | 0.06 | 0.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 300 | 0.13 | 0.20 | -- | -- | -- | 21 | -- | -- | -- | -- | 23 |
| | 400 | 0.24 | 0.36 | -- | -- | 21 | 26 | -- | -- | -- | 22 | 28 |
| | 500 | 0.37 | 0.57 | -- | 23 | 25 | 30 | -- | 21 | 25 | 32 | 32 |
| | 550 | 0.45 | 0.68 | -- | 24 | 27 | 32 | -- | 23 | 27 | 33 | 33 |
| 8 | 350 | 0.12 | 0.17 | -- | -- | 20 | 26 | -- | -- | -- | -- | 24 |
| | 450 | 0.20 | 0.28 | -- | 21 | 24 | 29 | -- | -- | 21 | 28 | 28 |
| | 550 | 0.30 | 0.42 | -- | 24 | 27 | 32 | -- | -- | 24 | 31 | 31 |
| | 700 | 0.48 | 0.69 | 23 | 28 | 31 | 36 | -- | 24 | 28 | 35 | 35 |
| | 750 | 0.55 | 0.79 | * | 26 | 29 | 35 | * | 25 | 29 | 36 | 36 |
| 9 | 400 | 0.08 | 0.12 | -- | -- | -- | 23 | -- | -- | -- | -- | 25 |
| | 550 | 0.15 | 0.23 | -- | -- | 22 | 28 | -- | -- | -- | -- | 28 |
| | 700 | 0.24 | 0.38 | -- | 23 | 26 | 31 | -- | -- | 23 | 30 | 30 |
| | 900 | 0.40 | 0.62 | -- | 24 | 27 | 33 | -- | 21 | 25 | 32 | 32 |
| | 1000 | 0.49 | 0.77 | 20 | 25 | 29 | 34 | -- | 22 | 26 | 34 | 34 |
| 10 | 500 | 0.11 | 0.15 | -- | -- | -- | 25 | -- | -- | -- | -- | 26 |
| | 700 | 0.22 | 0.31 | -- | 20 | 24 | 30 | -- | -- | 21 | 29 | 29 |
| | 900 | 0.37 | 0.51 | -- | 22 | 25 | 31 | -- | -- | 23 | 31 | 31 |
| | 1100 | 0.56 | 0.76 | * | 25 | 28 | 35 | * | 21 | 25 | 33 | 33 |
| | 1300 | 0.78 | 1.07 | * | 27 | 31 | 37 | * | 23 | 27 | 35 | 35 |
| 12 | 700 | 0.08 | 0.12 | -- | -- | 21 | 28 | -- | -- | -- | -- | 30 |
| | 1000 | 0.17 | 0.24 | -- | -- | 23 | 31 | -- | -- | 23 | 33 | 33 |
| | 1300 | 0.28 | 0.41 | -- | 23 | 27 | 35 | -- | 20 | 26 | 36 | 36 |
| | 1600 | 0.42 | 0.62 | -- | 26 | 30 | 38 | -- | 22 | 28 | 38 | 38 |
| | 1900 | 0.59 | 0.87 | * | 28 | 33 | 40 | * | 24 | 30 | 39 | 39 |
| 14 | 1000 | 0.13 | 0.18 | -- | -- | -- | 27 | -- | -- | 25 | 35 | 35 |
| | 1475 | 0.29 | 0.38 | -- | 21 | 26 | 33 | -- | 25 | 31 | 41 | 41 |
| | 2100 | 0.58 | 0.77 | * | 27 | 31 | 39 | * | 30 | 36 | 46 | 46 |
| | 2425 | 0.77 | 1.03 | * | 29 | 34 | 41 | * | 32 | 38 | 48 | 48 |
| | 2900 | 1.10 | 1.47 | * | * | 37 | 44 | * | * | 40 | 51 | 51 |
| 16 | 1200 | 0.08 | 0.12 | -- | -- | -- | 23 | -- | -- | 24 | 32 | 32 |
| | 1775 | 0.18 | 0.26 | -- | -- | 22 | 29 | -- | 24 | 29 | 37 | 37 |
| | 2350 | 0.31 | 0.44 | -- | 22 | 26 | 33 | -- | 28 | 33 | 41 | 41 |
| | 2800 | 0.43 | 0.63 | -- | 25 | 29 | 36 | 22 | 30 | 35 | 43 | 43 |
| | 3500 | 0.66 | 0.97 | * | 28 | 32 | 39 | * | 33 | 38 | 46 | 46 |

Performance Notes:

- NCs are derived from sound power levels, which are obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
- NCs are derived from sound power levels which include duct end corrections per AHRI Standard 880-2016.
- Blank spaces (--) indicate NCs less than 20.
- Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
- ΔP_s is the difference in static pressure from inlet to discharge of the unit.
- ΔP_t for terminal units with electric coil is equal to basic unit. Resistance of the coil elements is negligible.
- ΔP_t is the difference in total pressure from inlet to discharge of the unit.
- NC values are calculated based on typical attenuation values outlined in Appendix E, AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."

Typical Attenuation Values:

Radiated Sound

| Total Deduction | Octave Band Mid Frequency, Hz | | | | | |
|-----------------|-------------------------------|-----|-----|------|------|------|
| | 120 | 250 | 500 | 1000 | 2000 | 4000 |
| All Sizes | 18 | 19 | 20 | 26 | 31 | 36 |

Discharge Sound

| Total Deduction | Octave Band Mid Frequency, Hz | | | | | |
|-----------------|-------------------------------|-----|-----|------|------|------|
| | 120 | 250 | 500 | 1000 | 2000 | 4000 |
| < 300 cfm | 24 | 28 | 39 | 53 | 59 | 40 |
| 300-700 cfm | 27 | 29 | 40 | 51 | 53 | 39 |
| > 700 cfm | 29 | 30 | 41 | 51 | 52 | 39 |

PERFORMANCE DATA

DPM / DDM – High-Mixing Model - Discharge Sound Data

| Unit Size | Airflow cfm | Sound Power Levels Lw dB re 10 ⁻¹² Watts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------------|---|----|----|----|----|----|----------------------------|-----------|-----------|-----------|-----------|-----------|----------------------------|----|----|----|----|----|----------------------------|----|----|----|----|----|----|----|----|----|----|----|
| | | 0.5 in.w.g. Octave Band | | | | | | 1.0 in.w.g. Octave Band | | | | | | 1.5 in.w.g. Octave Band | | | | | | 3.0 in.w.g. Octave Band | | | | | | | | | | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | |
| 4 | 75 | 48 | 30 | -- | -- | -- | 50 | 32 | -- | -- | -- | 51 | 33 | -- | -- | -- | 53 | 35 | 27 | -- | -- | -- | 57 | 39 | 32 | 28 | 23 | 21 | | | |
| | 100 | 52 | 35 | 27 | 26 | -- | 54 | 37 | 29 | 27 | 20 | -- | 55 | 38 | 30 | 27 | 21 | 18 | 57 | 39 | 32 | 28 | 23 | 21 | 57 | 39 | 32 | 28 | 23 | 21 | |
| | 150 | 58 | 42 | 34 | 35 | 30 | 23 | 60 | 44 | 36 | 36 | 32 | 26 | 61 | 45 | 37 | 37 | 32 | 28 | 63 | 46 | 39 | 38 | 34 | 31 | 63 | 46 | 39 | 38 | 34 | 31 |
| | 200 | 62 | 47 | 39 | 42 | 38 | 30 | 64 | 49 | 41 | 43 | 40 | 33 | 65 | 50 | 42 | 43 | 40 | 35 | 67 | 51 | 44 | 44 | 42 | 38 | 67 | 51 | 44 | 44 | 42 | 38 |
| | 225 | 64 | 49 | 41 | 44 | 41 | 33 | 66 | 51 | 43 | 45 | 43 | 36 | 67 | 52 | 44 | 46 | 44 | 38 | 69 | 53 | 46 | 47 | 45 | 41 | 69 | 53 | 46 | 47 | 45 | 41 |
| 5 | 150 | 55 | 37 | 28 | 26 | 19 | -- | 57 | 40 | 30 | 27 | 20 | -- | 59 | 41 | 31 | 28 | 21 | -- | 61 | 44 | 33 | 28 | 22 | 19 | 61 | 44 | 33 | 28 | 22 | 19 |
| | 200 | 59 | 41 | 33 | 33 | 27 | 20 | 61 | 44 | 35 | 33 | 28 | 22 | 63 | 46 | 36 | 34 | 29 | 24 | 65 | 48 | 38 | 35 | 30 | 26 | 65 | 48 | 38 | 35 | 30 | 26 |
| | 250 | 62 | 45 | 36 | 37 | 33 | 26 | 64 | 47 | 38 | 38 | 35 | 28 | 66 | 49 | 39 | 39 | 35 | 29 | 68 | 52 | 41 | 40 | 36 | 31 | 68 | 52 | 41 | 40 | 36 | 31 |
| | 300 | 64 | 47 | 39 | 41 | 38 | 30 | 67 | 50 | 41 | 42 | 40 | 32 | 68 | 52 | 43 | 43 | 40 | 34 | 71 | 55 | 45 | 44 | 42 | 36 | 71 | 55 | 45 | 44 | 42 | 36 |
| | 350 | 66 | 50 | 42 | 45 | 43 | 34 | 69 | 53 | 44 | 46 | 44 | 36 | 70 | 54 | 45 | 46 | 45 | 37 | 73 | 57 | 47 | 47 | 46 | 40 | 73 | 57 | 47 | 47 | 46 | 40 |
| 6 | 200 | 57 | 41 | 30 | 28 | 22 | 26 | 60 | 45 | 32 | 29 | 24 | 29 | 62 | 47 | 34 | 30 | 25 | 31 | 65 | 51 | 36 | 31 | 27 | 34 | 65 | 51 | 36 | 31 | 27 | 34 |
| | 250 | 59 | 45 | 34 | 33 | 28 | 29 | 63 | 48 | 36 | 34 | 30 | 32 | 64 | 50 | 38 | 35 | 31 | 34 | 67 | 54 | 40 | 36 | 33 | 37 | 67 | 54 | 40 | 36 | 33 | 37 |
| | 300 | 62 | 47 | 37 | 37 | 33 | 32 | 65 | 51 | 39 | 38 | 35 | 35 | 67 | 53 | 41 | 39 | 36 | 36 | 70 | 56 | 43 | 40 | 38 | 39 | 70 | 56 | 43 | 40 | 38 | 39 |
| | 350 | 63 | 49 | 39 | 41 | 37 | 34 | 67 | 53 | 42 | 42 | 39 | 37 | 68 | 55 | 43 | 43 | 40 | 38 | 71 | 58 | 46 | 44 | 42 | 41 | 71 | 58 | 46 | 44 | 42 | 41 |
| | 400 | 65 | 51 | 42 | 44 | 40 | 36 | 68 | 55 | 44 | 45 | 42 | 39 | 70 | 57 | 46 | 46 | 43 | 40 | 73 | 60 | 48 | 47 | 45 | 43 | 73 | 60 | 48 | 47 | 45 | 43 |
| 7 | 200 | 53 | 41 | 32 | 25 | -- | -- | 56 | 44 | 33 | 25 | -- | -- | 59 | 46 | 33 | 25 | -- | -- | 62 | 48 | 35 | 25 | -- | -- | 62 | 48 | 35 | 25 | -- | -- |
| | 300 | 58 | 47 | 39 | 36 | 30 | 21 | 62 | 50 | 40 | 35 | 29 | 22 | 64 | 51 | 41 | 35 | 29 | 22 | 68 | 54 | 42 | 35 | 29 | 22 | 68 | 54 | 42 | 35 | 29 | 22 |
| | 400 | 62 | 51 | 44 | 43 | 38 | 32 | 66 | 54 | 46 | 43 | 38 | 33 | 68 | 56 | 46 | 43 | 38 | 33 | 72 | 58 | 47 | 43 | 38 | 33 | 72 | 58 | 47 | 43 | 38 | 33 |
| | 500 | 66 | 55 | 49 | 49 | 45 | 41 | 69 | 57 | 50 | 49 | 45 | 41 | 71 | 59 | 50 | 49 | 45 | 41 | 75 | 61 | 52 | 49 | 45 | 42 | 75 | 61 | 52 | 49 | 45 | 42 |
| | 550 | 67 | 56 | 50 | 51 | 48 | 45 | 71 | 59 | 51 | 51 | 48 | 45 | 73 | 60 | 52 | 51 | 48 | 45 | 76 | 63 | 53 | 51 | 48 | 45 | 76 | 63 | 53 | 51 | 48 | 45 |
| 8 | 350 | 61 | 48 | 39 | 37 | 32 | 26 | 65 | 53 | 42 | 38 | 34 | 28 | 67 | 55 | 44 | 39 | 34 | 29 | 71 | 60 | 47 | 41 | 36 | 31 | 71 | 60 | 47 | 41 | 36 | 31 |
| | 450 | 64 | 51 | 43 | 42 | 38 | 32 | 68 | 55 | 46 | 43 | 40 | 34 | 70 | 58 | 48 | 44 | 41 | 35 | 74 | 63 | 51 | 46 | 42 | 38 | 74 | 63 | 51 | 46 | 42 | 38 |
| | 550 | 66 | 53 | 45 | 46 | 43 | 37 | 70 | 58 | 49 | 47 | 45 | 39 | 73 | 61 | 50 | 48 | 45 | 40 | 77 | 65 | 54 | 50 | 47 | 43 | 77 | 65 | 54 | 50 | 47 | 43 |
| | 700 | 69 | 56 | 49 | 50 | 49 | 43 | 73 | 61 | 52 | 52 | 50 | 45 | 76 | 63 | 54 | 53 | 51 | 46 | 80 | 68 | 57 | 54 | 53 | 48 | 80 | 68 | 57 | 54 | 53 | 48 |
| | 750 | * | * | * | * | * | * | 74 | 62 | 53 | 53 | 52 | 47 | 76 | 64 | 55 | 54 | 53 | 48 | 80 | 69 | 58 | 56 | 54 | 50 | 80 | 69 | 58 | 56 | 54 | 50 |
| 9 | 400 | 59 | 45 | 38 | 33 | 31 | 24 | 63 | 49 | 41 | 34 | 31 | 25 | 65 | 51 | 43 | 34 | 31 | 26 | 70 | 55 | 46 | 35 | 32 | 27 | 70 | 55 | 46 | 35 | 32 | 27 |
| | 550 | 62 | 48 | 42 | 39 | 38 | 31 | 67 | 52 | 45 | 40 | 39 | 33 | 69 | 55 | 47 | 41 | 39 | 34 | 73 | 59 | 51 | 42 | 39 | 35 | 73 | 59 | 51 | 42 | 39 | 35 |
| | 700 | 65 | 51 | 46 | 44 | 44 | 37 | 69 | 55 | 49 | 45 | 44 | 39 | 72 | 57 | 51 | 46 | 45 | 40 | 76 | 61 | 54 | 47 | 45 | 41 | 76 | 61 | 54 | 47 | 45 | 41 |
| | 900 | 68 | 54 | 50 | 49 | 50 | 44 | 72 | 58 | 53 | 50 | 50 | 45 | 75 | 60 | 55 | 51 | 51 | 46 | 79 | 64 | 58 | 52 | 51 | 47 | 79 | 64 | 58 | 52 | 51 | 47 |
| | 1000 | 69 | 55 | 51 | 51 | 52 | 46 | 73 | 59 | 54 | 52 | 53 | 48 | 76 | 61 | 56 | 53 | 53 | 48 | 80 | 65 | 59 | 54 | 54 | 50 | 80 | 65 | 59 | 54 | 54 | 50 |
| 10 | 500 | 58 | 44 | 38 | 31 | 30 | 22 | 63 | 49 | 42 | 32 | 30 | 24 | 66 | 52 | 44 | 33 | 31 | 25 | 71 | 57 | 47 | 34 | 32 | 27 | 71 | 57 | 47 | 34 | 32 | 27 |
| | 700 | 62 | 48 | 44 | 38 | 38 | 33 | 67 | 53 | 47 | 40 | 39 | 34 | 70 | 56 | 49 | 40 | 39 | 35 | 75 | 61 | 53 | 42 | 40 | 37 | 75 | 61 | 53 | 42 | 40 | 37 |
| | 900 | 66 | 51 | 48 | 44 | 44 | 41 | 70 | 56 | 51 | 45 | 45 | 42 | 73 | 59 | 53 | 46 | 45 | 43 | 78 | 64 | 57 | 47 | 46 | 45 | 78 | 64 | 57 | 47 | 46 | 45 |
| | 1100 | * | * | * | * | * | * | 73 | 58 | 54 | 50 | 50 | 48 | 76 | 61 | 56 | 51 | 50 | 49 | 81 | 66 | 60 | 52 | 51 | 51 | 81 | 66 | 60 | 52 | 51 | 51 |
| | 1300 | * | * | * | * | * | * | 75 | 60 | 57 | 54 | 54 | 53 | 78 | 63 | 59 | 54 | 54 | 54 | 83 | 68 | 62 | 56 | 55 | 56 | 83 | 68 | 62 | 56 | 55 | 56 |
| 12 | 700 | 58 | 44 | 35 | 32 | 26 | 23 | 64 | 50 | 39 | 32 | 27 | 24 | 68 | 53 | 41 | 33 | 28 | 24 | 73 | 59 | 44 | 34 | 30 | 26 | 73 | 59 | 44 | 34 | 30 | 26 |
| | 1000 | 63 | 48 | 40 | 39 | 35 | 30 | 68 | 53 | 44 | 40 | 36 | 31 | 72 | 57 | 46 | 41 | 37 | 32 | 78 | 62 | 49 | 42 | 39 | 33 | 78 | 62 | 49 | 42 | 39 | 33 |
| | 1300 | 66 | 51 | 44 | 45 | 41 | 36 | 71 | 56 | 48 | 46 | 43 | 37 | 75 | 59 | 50 | 46 | 44 | 37 | 81 | 65 | 53 | 47 | 45 | 38 | 81 | 65 | 53 | 47 | 45 | 38 |
| | 1600 | 68 | 53 | 47 | 49 | 47 | 40 | 74 | 58 | 51 | 50 | 48 | 41 | 77 | 62 | 53 | 51 | 49 | 42 | 83 | 67 | 56 | 52 | 50 | 43 | 83 | 67 | 56 | 52 | 50 | 43 |
| | 1900 | * | * | * | * | * | * | 76 | 60 | 53 | 54 | 52 | 45 | 79 | 63 | 55 | 55 | 53 | 45 | 85 | 69 | 58 | 55 | 55 | 46 | 85 | 69 | 58 | 55 | 55 | 46 |
| 14 | 1000 | 59 | 46 | 41 | 36 | 32 | 26 | 65 | 52 | 45 | 38 | 34 | 28 | 69 | 55 | 46 | 39 | 35 | 30 | 74 | 61 | 50 | 40 | 37 | 32 | 74 | 61 | 50 | 40 | 37 | 32 |
| | 1475 | 64 | 51 | 49 | 45 | 41 | 36 | 70 | 56 | 52 | 47 | 43 | 38 | 74 | 60 | 54 | 47 | 44 | 39 | 79 | 65 | 57 | 49 | 47 | 42 | 79 | 65 | 57 | 49 | 47 | 42 |
| | 2100 | * | * | * | * | * | * | 75 | 60 | 59 | 55 | 51 | 47 | 78 | 64 | 60 | 55 | 53 | 49 | 84 | 69 | 64 | 57 | 55 | 51 | 84 | 69 | 64 | 57 | 55 | 51 |
| | 2425 | * | * | * | * | * | * | 76 | 62 | 61 | 58 | 55 | 51 | 80 | 65 | 63 | 59 | 56 | 52 | 86 | 71 | 67 | 60 | 58 | 54 | 86 | 71 | 67 | 60 | 58 | 54 |
| | 2900 | * | * | * | * | * | * | * * * * * | * * * * * | * * * * * | * * * * * | * * * * * | * * * * * | * * * * * | 82 | 67 | 67 | 63 | 60 | 57 | 88 | 73 | 70 | 64 | 62 | 59 | 88 | 73 | 70 | 64 | 62 |
| 16 | 1200 | 57 | 47 | 40 | 36 | 30 | 23 | 63 | 52 | 42 | 37 | 32 | 27 | 66 | 55 | 43 | 38 | 33 | 29 | 72 | 60 | 45 | 40 | 35 | 33 | 72 | 60 | 45 | 40 | 35 | 33 |
| | 1775 | 62 | 51 | 48 | 43 | 38 | 32 | 68 | 56 | 50 | 45 | 41 | 36 | 71 | 59 | 51 | 46 | 42 | 38 | 76 | 64 | 53 | 47 | 44 | 42 | 76 | 64 | 53 | 47 | 44 | 42 |
| | 2350 | 65 | 54 | 53 | 48 | 44 | 39 | 71 | 60 | 56 | 50 | 47 | 42 | 74 | 63 | 57 | 51 | 48 | 44 | 80 | 68 | 59 | 53 | 50 | 48 | 80 | 68 | 59 | 53 | 50 | 48 |
| | 2800 | 67 | 56 | 57 | 52 | 48 | 43 | 73 | 61 | 59 | 53 | 51 | 46 | 76 | 64 | 60 | 54 | 52 | 48 | 82 | 70 | 63 | 56 | 54 | 52 | 82 | 70 | 63 | 56 | 54 | 52 |
| | 3500 | * | * | * | * | * | * | 76 | 64 | 64 | 58 | 56 | 52 | 79 | 67 | 65 | 58 | 57 | 54 | 84 | 72 | 67 | 60 | 59 | 57 | 84 | 72 | 67 | 60 | 59 | 57 |

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2016.
2. Sound power levels include duct end corrections per AHRI Standard 880-2017.
3. Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
4. Dashes (-) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.

DUAL DUCT

Terminal Units

PERFORMANCE DATA

DPM / DDM – High-Mixing Model - Radiated Sound Data

Sound Power Levels Lw dB re 10⁻¹² Watts

| Unit Size | Airflow cfm | 0.5 in.w.g. Octave Band | | | | | | 1.0 in.w.g. Octave Band | | | | | | 1.5 in.w.g. Octave Band | | | | | | 3.0 in.w.g. Octave Band | | | | | |
|-----------|----------------|----------------------------|----|----|----|----|----|----------------------------|----|----|----|----|----|----------------------------|----|----|----|----|----|----------------------------|----|----|----|----|----|
| | | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | 75 | 42 | 36 | -- | -- | -- | -- | 45 | 39 | 31 | 22 | 20 | -- | 47 | 42 | 34 | 25 | 21 | -- | 50 | 45 | 39 | 29 | 23 |
| 100 | 46 | 40 | 28 | 22 | 22 | 20 | 49 | 43 | 34 | 26 | 24 | 21 | 51 | 46 | 37 | 29 | 25 | 22 | 54 | 49 | 42 | 33 | 28 | 23 | |
| 150 | 51 | 45 | 33 | 28 | 28 | 29 | 55 | 49 | 38 | 32 | 30 | 31 | 56 | 51 | 41 | 34 | 31 | 31 | 60 | 55 | 46 | 38 | 34 | 33 | |
| 200 | 55 | 49 | 36 | 32 | 32 | 36 | 59 | 53 | 41 | 36 | 35 | 37 | 60 | 55 | 44 | 38 | 36 | 38 | 64 | 59 | 49 | 42 | 38 | 39 | |
| 225 | 57 | 51 | 37 | 33 | 34 | 39 | 60 | 54 | 42 | 37 | 36 | 40 | 62 | 57 | 45 | 40 | 38 | 41 | 65 | 60 | 50 | 44 | 40 | 42 | |
| 150 | 44 | 36 | 28 | -- | -- | -- | 48 | 41 | 34 | 26 | 21 | -- | 50 | 44 | 37 | 28 | 23 | -- | 54 | 49 | 43 | 33 | 26 | 19 | |
| 200 | 47 | 40 | 31 | 25 | 23 | 18 | 51 | 44 | 37 | 30 | 26 | 20 | 53 | 47 | 40 | 32 | 27 | 22 | 57 | 52 | 46 | 37 | 30 | 24 | |
| 250 | 50 | 42 | 33 | 28 | 27 | 22 | 53 | 47 | 39 | 32 | 29 | 25 | 56 | 50 | 42 | 35 | 31 | 26 | 59 | 55 | 48 | 39 | 34 | 29 | |
| 300 | 52 | 44 | 34 | 30 | 29 | 26 | 55 | 49 | 40 | 35 | 32 | 29 | 58 | 52 | 44 | 37 | 34 | 30 | 61 | 57 | 50 | 42 | 36 | 33 | |
| 350 | 53 | 46 | 36 | 32 | 32 | 29 | 57 | 51 | 42 | 37 | 34 | 32 | 59 | 53 | 45 | 39 | 36 | 33 | 63 | 58 | 51 | 44 | 39 | 36 | |
| 200 | 46 | 39 | 30 | 23 | 23 | 20 | 50 | 44 | 36 | 28 | 25 | 22 | 53 | 47 | 40 | 31 | 26 | 24 | 56 | 52 | 46 | 37 | 29 | 26 | |
| 250 | 48 | 41 | 32 | 26 | 25 | 22 | 52 | 46 | 38 | 31 | 27 | 24 | 55 | 49 | 42 | 34 | 29 | 25 | 58 | 55 | 48 | 39 | 31 | 28 | |
| 300 | 50 | 43 | 33 | 28 | 27 | 23 | 54 | 48 | 40 | 33 | 29 | 26 | 56 | 51 | 43 | 36 | 31 | 27 | 60 | 57 | 49 | 41 | 33 | 29 | |
| 350 | 51 | 45 | 35 | 29 | 29 | 25 | 55 | 50 | 41 | 35 | 31 | 27 | 58 | 53 | 45 | 38 | 33 | 28 | 62 | 58 | 51 | 43 | 35 | 30 | |
| 400 | 53 | 46 | 36 | 31 | 30 | 26 | 57 | 52 | 42 | 36 | 33 | 28 | 59 | 55 | 46 | 39 | 34 | 29 | 63 | 60 | 52 | 44 | 36 | 31 | |
| 200 | 43 | 30 | 28 | 25 | 25 | 22 | 48 | 36 | 33 | 28 | 28 | 25 | 50 | 39 | 35 | 30 | 29 | 27 | 55 | 45 | 39 | 32 | 32 | 31 | |
| 300 | 48 | 36 | 32 | 28 | 27 | 23 | 53 | 41 | 36 | 31 | 30 | 27 | 56 | 44 | 39 | 33 | 32 | 29 | 61 | 50 | 43 | 35 | 35 | 32 | |
| 400 | 51 | 39 | 35 | 30 | 29 | 24 | 56 | 45 | 39 | 33 | 32 | 28 | 59 | 48 | 41 | 35 | 33 | 30 | 64 | 53 | 45 | 37 | 36 | 33 | |
| 500 | 54 | 42 | 37 | 32 | 30 | 25 | 59 | 48 | 41 | 35 | 33 | 29 | 62 | 51 | 43 | 36 | 35 | 31 | 67 | 56 | 47 | 39 | 38 | 34 | |
| 550 | 56 | 43 | 37 | 33 | 31 | 26 | 61 | 49 | 42 | 35 | 34 | 29 | 63 | 52 | 44 | 37 | 35 | 31 | 68 | 57 | 48 | 40 | 38 | 34 | |
| 350 | 47 | 34 | 33 | 28 | 27 | 20 | 52 | 40 | 38 | 31 | 29 | 22 | 56 | 44 | 40 | 32 | 30 | 22 | 61 | 50 | 44 | 35 | 31 | 24 | |
| 450 | 50 | 37 | 35 | 30 | 28 | 24 | 56 | 43 | 39 | 32 | 30 | 25 | 59 | 47 | 42 | 34 | 31 | 26 | 64 | 53 | 46 | 37 | 33 | 27 | |
| 550 | 53 | 39 | 37 | 31 | 29 | 27 | 58 | 45 | 41 | 34 | 31 | 28 | 61 | 49 | 44 | 35 | 32 | 29 | 67 | 55 | 48 | 38 | 34 | 30 | |
| 700 | 56 | 42 | 39 | 33 | 31 | 31 | 61 | 48 | 43 | 35 | 32 | 32 | 64 | 52 | 45 | 37 | 33 | 33 | 70 | 58 | 50 | 39 | 35 | 34 | |
| 750 | * | * | * | * | * | * | 62 | 49 | 43 | 36 | 33 | 33 | 65 | 52 | 46 | 37 | 34 | 34 | 71 | 58 | 50 | 40 | 35 | 35 | |
| 400 | 47 | 40 | 35 | 29 | 25 | 21 | 52 | 46 | 39 | 33 | 28 | 26 | 55 | 50 | 41 | 35 | 30 | 29 | 61 | 56 | 45 | 39 | 33 | 34 | |
| 550 | 49 | 41 | 37 | 31 | 26 | 22 | 55 | 48 | 41 | 35 | 30 | 27 | 58 | 52 | 43 | 37 | 31 | 30 | 64 | 58 | 47 | 41 | 35 | 35 | |
| 700 | 51 | 43 | 39 | 32 | 27 | 22 | 57 | 49 | 43 | 36 | 31 | 27 | 60 | 53 | 45 | 38 | 32 | 30 | 66 | 60 | 49 | 42 | 36 | 35 | |
| 900 | 54 | 44 | 40 | 34 | 29 | 23 | 59 | 51 | 44 | 37 | 32 | 28 | 62 | 54 | 47 | 39 | 34 | 31 | 68 | 61 | 51 | 43 | 37 | 36 | |
| 1000 | 54 | 45 | 41 | 34 | 29 | 23 | 60 | 51 | 45 | 38 | 32 | 28 | 63 | 55 | 47 | 40 | 34 | 31 | 69 | 62 | 51 | 44 | 37 | 36 | |
| 500 | 46 | 39 | 30 | 24 | 19 | 17 | 52 | 46 | 36 | 29 | 24 | 22 | 55 | 50 | 39 | 32 | 27 | 25 | 61 | 57 | 45 | 38 | 31 | 30 | |
| 700 | 49 | 41 | 34 | 27 | 21 | 18 | 55 | 48 | 39 | 32 | 26 | 23 | 58 | 52 | 42 | 35 | 29 | 26 | 64 | 59 | 48 | 40 | 33 | 31 | |
| 900 | 51 | 43 | 36 | 28 | 23 | 19 | 57 | 50 | 42 | 34 | 27 | 24 | 61 | 54 | 45 | 37 | 30 | 27 | 66 | 61 | 50 | 42 | 34 | 32 | |
| 1100 | * | * | * | * | * | * | 59 | 51 | 44 | 35 | 28 | 24 | 62 | 55 | 47 | 38 | 31 | 27 | 68 | 62 | 52 | 43 | 36 | 32 | |
| 1300 | * | * | * | * | * | * | 60 | 52 | 45 | 36 | 29 | 25 | 64 | 56 | 49 | 39 | 32 | 28 | 70 | 64 | 54 | 44 | 36 | 33 | |
| 700 | 46 | 38 | 33 | 25 | 22 | 22 | 54 | 45 | 38 | 30 | 27 | 29 | 58 | 49 | 41 | 33 | 29 | 33 | 66 | 56 | 45 | 38 | 34 | 40 | |
| 1000 | 49 | 41 | 36 | 28 | 24 | 24 | 56 | 48 | 41 | 33 | 29 | 31 | 61 | 52 | 43 | 35 | 32 | 35 | 68 | 59 | 48 | 40 | 37 | 42 | |
| 1300 | 51 | 43 | 38 | 30 | 26 | 25 | 58 | 50 | 43 | 35 | 30 | 32 | 63 | 54 | 46 | 38 | 33 | 36 | 70 | 62 | 50 | 42 | 38 | 43 | |
| 1600 | 52 | 44 | 40 | 31 | 27 | 26 | 60 | 52 | 44 | 36 | 32 | 33 | 64 | 56 | 47 | 39 | 35 | 37 | 72 | 63 | 52 | 44 | 39 | 44 | |
| 1900 | * | * | * | * | * | * | 61 | 53 | 46 | 38 | 33 | 34 | 66 | 57 | 49 | 40 | 36 | 38 | 73 | 65 | 53 | 45 | 40 | 45 | |
| 1000 | 49 | 38 | 33 | 25 | 20 | -- | 57 | 46 | 39 | 30 | 25 | 21 | 62 | 50 | 42 | 33 | 27 | 23 | 70 | 58 | 48 | 39 | 32 | 27 | |
| 1475 | 54 | 41 | 38 | 29 | 24 | 20 | 62 | 48 | 43 | 34 | 29 | 24 | 66 | 53 | 47 | 37 | 32 | 27 | 74 | 60 | 52 | 43 | 37 | 31 | |
| 2100 | * | * | * | * | * | * | 66 | 51 | 48 | 38 | 33 | 27 | 70 | 55 | 51 | 41 | 36 | 30 | 78 | 63 | 56 | 46 | 41 | 34 | |
| 2425 | * | * | * | * | * | * | 67 | 52 | 49 | 39 | 34 | 28 | 72 | 56 | 52 | 42 | 37 | 31 | 80 | 64 | 58 | 48 | 42 | 35 | |
| 2900 | * | * | * | * | * | * | * | * | * | * | * | * | 74 | 57 | 55 | 44 | 39 | 33 | 82 | 65 | 60 | 50 | 44 | 37 | |
| 1200 | 51 | 42 | 36 | 29 | 23 | -- | 57 | 48 | 41 | 34 | 27 | 21 | 61 | 52 | 44 | 36 | 29 | 23 | 68 | 58 | 49 | 41 | 33 | 28 | |
| 1775 | 55 | 46 | 40 | 33 | 28 | 20 | 61 | 52 | 45 | 38 | 32 | 25 | 65 | 55 | 48 | 40 | 34 | 28 | 72 | 61 | 53 | 45 | 38 | 33 | |
| 2350 | 58 | 48 | 43 | 36 | 31 | 24 | 64 | 54 | 48 | 41 | 35 | 29 | 68 | 58 | 51 | 43 | 37 | 32 | 74 | 64 | 56 | 47 | 41 | 37 | |
| 2800 | 59 | 50 | 45 | 38 | 33 | 26 | 66 | 56 | 50 | 42 | 37 | 31 | 70 | 59 | 53 | 45 | 39 | 34 | 76 | 65 | 58 | 49 | 43 | 39 | |
| 3500 | * | * | * | * | * | * | 68 | 58 | 53 | 45 | 40 | 34 | 72 | 61 | 56 | 47 | 42 | 36 | 78 | 67 | 61 | 52 | 46 | 41 | |

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2017 and ASHRAE Standard 130-2017.
2. Sound power levels include duct end corrections per AHRI Standard 880-2017.
3. Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
4. Dashes (-) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.