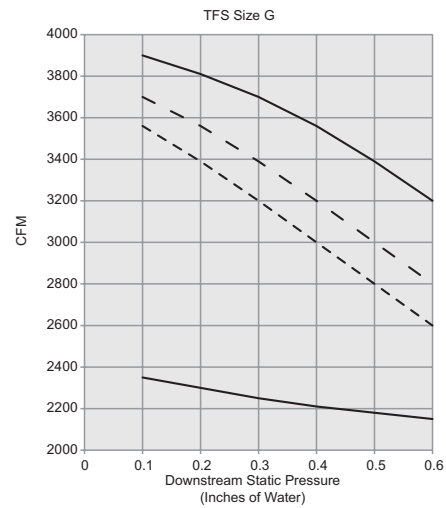
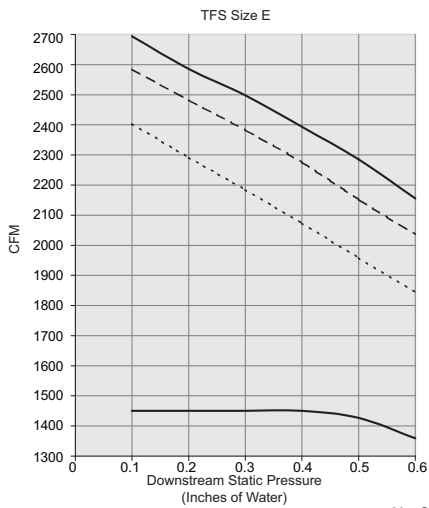
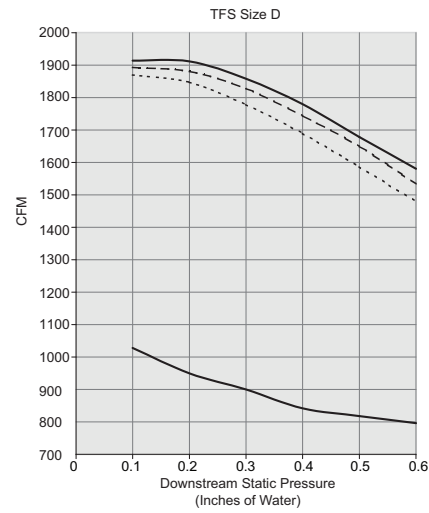
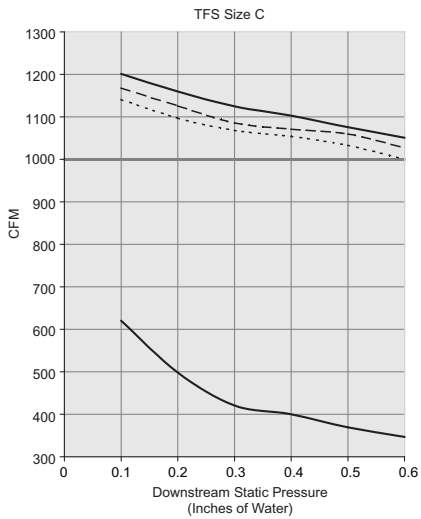
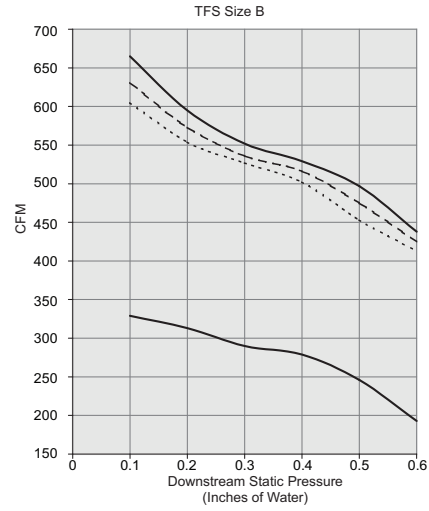
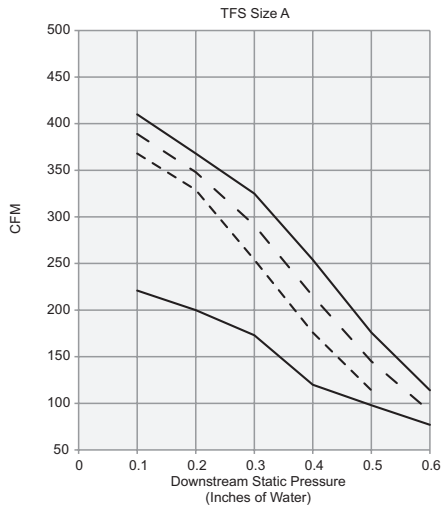


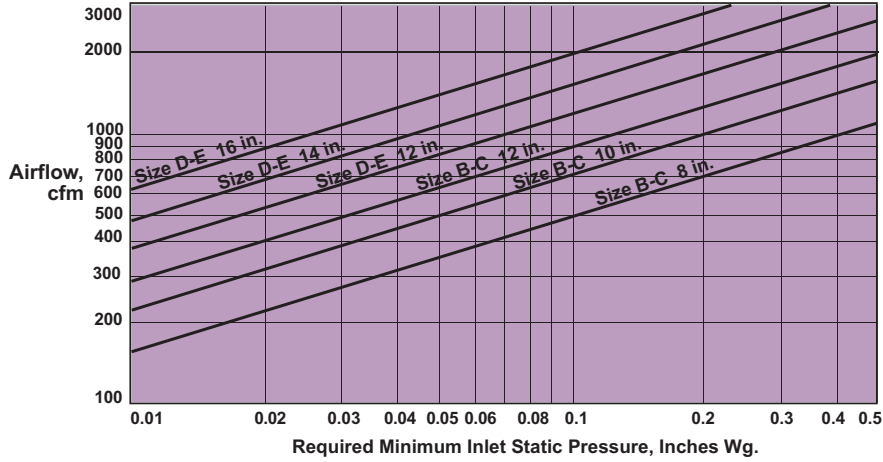
PTFS, ATFS, DTFS / AIRFLOW VS. DOWNSTREAM STATIC PRESSURE



No Coil or with Electric Coil ———
 1 Row Water Coil - - - - -
 2 Row Water Coil ·····

PTFS, ATFS, DTFS / PRIMARY AIR INLET PRESSURE

PRIMARY AIR INLET PRESSURE / PTFS, ATFS, DTFS



Note: For selection procedure, see the Engineering Guidelines and the topic, 'Sizing Basic Terminals from Capacity Tables'.

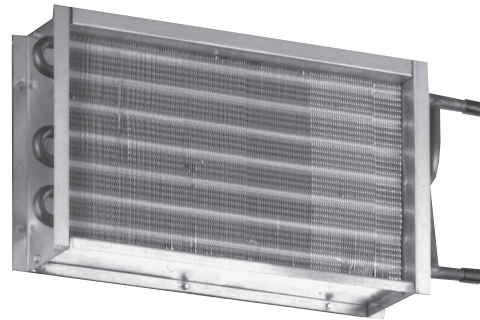
PTFS, ATFS, DTFS / WATER COIL HEATING CAPACITY (MBH)

| Unit Size | Rows | gpm | Head Loss | Airflow, cfm | | | | | | | | |
|-----------|---------|-------------|-----------|--------------|------|------|------|------|------|------|------|------|
| | | | | 100 | 140 | 180 | 220 | 260 | 300 | 340 | 380 | 420 |
| A | One Row | 1.0 | 0.13 | 6.7 | 8.1 | 9.2 | 10.2 | 11.0 | 11.6 | 12.2 | 12.8 | 13.3 |
| | | 2.0 | 0.42 | 7.2 | 8.8 | 10.2 | 11.4 | 12.4 | 13.3 | 14.1 | 14.8 | 15.4 |
| | | 4.0 | 1.53 | 7.5 | 9.3 | 10.8 | 12.1 | 13.2 | 14.2 | 15.2 | 16.0 | 16.8 |
| | | 6.0 | 3.33 | 7.6 | 9.4 | 11.0 | 12.3 | 13.5 | 14.6 | 15.6 | 16.5 | 17.3 |
| | | Airside ΔPs | | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 |
| | Two Row | 1.0 | 0.25 | 9.4 | 11.8 | 13.9 | 15.6 | 17.1 | 18.4 | 19.4 | 20.5 | 21.4 |
| | | 2.0 | 0.78 | 9.9 | 12.8 | 15.3 | 17.5 | 19.5 | 21.3 | 22.9 | 24.3 | 25.7 |
| | | 4.0 | 2.85 | 10.1 | 13.2 | 16.0 | 18.5 | 20.8 | 22.9 | 24.9 | 26.6 | 28.2 |
| | | 6.0 | 6.17 | 10.2 | 13.4 | 16.3 | 18.9 | 21.3 | 23.4 | 25.5 | 27.4 | 29.1 |
| | | Airside ΔPs | | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.06 |
| Unit Size | Rows | gpm | Head Loss | Airflow, cfm | | | | | | | | |
| | | | | 350 | 385 | 425 | 460 | 500 | 535 | 575 | 610 | 650 |
| B | One Row | 1.0 | 0.16 | 14.3 | 14.8 | 15.4 | 15.9 | 16.3 | 16.7 | 17.1 | 17.5 | 17.8 |
| | | 2.0 | 0.50 | 16.4 | 17.2 | 18.0 | 18.6 | 19.3 | 19.9 | 20.5 | 21.0 | 21.6 |
| | | 4.0 | 1.83 | 17.7 | 18.6 | 19.6 | 20.4 | 21.2 | 21.9 | 22.6 | 23.3 | 23.9 |
| | | 6.0 | 3.95 | 18.2 | 19.2 | 20.2 | 21.0 | 21.9 | 22.7 | 23.5 | 24.1 | 24.9 |
| | | Airside ΔPs | | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| | Two Row | 1.0 | 0.14 | 20.4 | 21.3 | 22.1 | 22.8 | 23.5 | 24.1 | 24.7 | 25.1 | 25.6 |
| | | 2.0 | 0.33 | 25.0 | 26.4 | 27.9 | 29.1 | 30.4 | 31.5 | 32.6 | 33.5 | 34.5 |
| | | 4.0 | 1.19 | 27.4 | 29.1 | 31.0 | 32.6 | 34.2 | 35.6 | 37.1 | 38.4 | 39.7 |
| | | 6.0 | 2.56 | 28.2 | 30.1 | 32.1 | 33.8 | 35.6 | 37.2 | 38.8 | 40.2 | 41.7 |
| | | Airside ΔPs | | 0.03 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.06 | 0.07 | 0.07 |
| Unit Size | Rows | gpm | Head Loss | Airflow, cfm | | | | | | | | |
| | | | | 400 | 490 | 580 | 670 | 760 | 850 | 940 | 1030 | 1100 |
| C | One Row | 1.0 | 0.16 | 14.5 | 15.7 | 16.7 | 17.5 | 18.3 | 18.9 | 19.5 | 20.0 | 20.4 |
| | | 2.0 | 0.50 | 16.4 | 18.1 | 19.5 | 20.7 | 21.8 | 22.8 | 23.6 | 24.4 | 25.0 |
| | | 4.0 | 1.87 | 17.6 | 19.5 | 21.2 | 22.6 | 24.0 | 25.1 | 26.2 | 27.2 | 28.0 |
| | | 6.0 | 4.05 | 18.0 | 20.0 | 21.8 | 23.4 | 24.8 | 26.1 | 27.2 | 28.2 | 29.1 |
| | | Airside ΔPs | | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 |
| | Two Row | 1.0 | 0.13 | 21.5 | 23.4 | 24.9 | 26.2 | 27.3 | 28.2 | 29.0 | 29.6 | 30.1 |
| | | 2.0 | 0.33 | 26.4 | 29.5 | 32.2 | 34.5 | 36.6 | 38.4 | 40.0 | 41.4 | 42.4 |
| | | 4.0 | 1.21 | 28.9 | 32.8 | 36.2 | 39.3 | 42.0 | 44.5 | 46.8 | 48.8 | 50.3 |
| | | 6.0 | 2.61 | 29.8 | 34.0 | 37.8 | 41.1 | 44.2 | 46.9 | 49.5 | 51.8 | 53.5 |
| | | Airside ΔPs | | 0.04 | 0.05 | 0.07 | 0.08 | 0.10 | 0.12 | 0.14 | 0.16 | 0.18 |
| Unit Size | Rows | gpm | Head Loss | Airflow, cfm | | | | | | | | |
| | | | | 800 | 925 | 1050 | 1175 | 1300 | 1425 | 1550 | 1675 | 1800 |
| D | One Row | 1.0 | 0.25 | 23.7 | 24.9 | 25.9 | 26.8 | 27.5 | 28.2 | 28.8 | 29.4 | 29.9 |
| | | 2.0 | 0.78 | 28.7 | 30.5 | 32.1 | 33.5 | 34.8 | 36.0 | 37.0 | 38.0 | 38.9 |
| | | 4.0 | 2.86 | 31.7 | 33.9 | 36.0 | 37.8 | 39.5 | 41.0 | 42.5 | 43.8 | 45.0 |
| | | 6.0 | 6.20 | 32.8 | 35.3 | 37.5 | 39.5 | 41.3 | 43.0 | 44.6 | 46.1 | 47.5 |
| | | Airside ΔPs | | 0.02 | 0.03 | 0.04 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 |
| | Two Row | 1.0 | 0.52 | 35.9 | 37.6 | 38.8 | 40.2 | 41.2 | 42.1 | 42.9 | 43.5 | 44.1 |
| | | 2.0 | 1.49 | 46.5 | 49.8 | 52.2 | 55.3 | 57.2 | 59.6 | 61.4 | 63.0 | 64.5 |
| | | 4.0 | 5.48 | 53.0 | 57.7 | 61.0 | 65.6 | 69.0 | 72.2 | 75.0 | 77.7 | 80.2 |
| | | 6.0 | 5.48 | 53.0 | 57.7 | 61.0 | 65.6 | 69.0 | 72.2 | 75.0 | 77.7 | 80.2 |
| | | Airside ΔPs | | 0.05 | 0.06 | 0.07 | 0.09 | 0.10 | 0.12 | 0.13 | 0.15 | 0.17 |
| Unit Size | Rows | gpm | Head Loss | Airflow, cfm | | | | | | | | |
| | | | | 1400 | 1525 | 1650 | 1775 | 1900 | 2025 | 2150 | 2275 | 2320 |
| E | One Row | 1.0 | 0.26 | 28.1 | 28.7 | 29.3 | 29.8 | 30.2 | 30.7 | 31.1 | 31.4 | 31.5 |
| | | 2.0 | 0.77 | 35.7 | 36.8 | 37.8 | 38.7 | 39.6 | 40.4 | 41.1 | 41.8 | 42.0 |
| | | 4.0 | 2.86 | 40.8 | 42.2 | 43.5 | 44.8 | 46.0 | 47.0 | 48.1 | 49.1 | 49.4 |
| | | 6.0 | 6.19 | 42.7 | 44.3 | 45.8 | 47.2 | 48.5 | 49.7 | 50.9 | 52.0 | 52.4 |
| | | Airside ΔPs | | 0.06 | 0.07 | 0.07 | 0.08 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 |
| | Two Row | 1.0 | 0.53 | 41.9 | 42.7 | 43.4 | 44.0 | 44.5 | 45.0 | 45.4 | 45.8 | 46.0 |
| | | 2.0 | 1.49 | 59.2 | 61.0 | 62.7 | 64.2 | 65.6 | 66.9 | 68.1 | 69.1 | 69.5 |
| | | 4.0 | 5.46 | 71.5 | 74.5 | 77.2 | 79.7 | 82.0 | 84.2 | 86.3 | 88.2 | 88.8 |
| | | 6.0 | 5.46 | 71.5 | 74.5 | 77.2 | 79.7 | 82.0 | 84.2 | 86.3 | 88.2 | 88.8 |
| | | Airside ΔPs | | 0.11 | 0.13 | 0.15 | 0.17 | 0.19 | 0.21 | 0.23 | 0.25 | 0.26 |

PTFS, ATFS, DTFS / WATER COIL HEATING CAPACITY (MBH)

| Unit Size | Rows | gpm | Head Loss | Airflow, cfm | | | | | | | | |
|-----------|---------|-------------|-----------|--------------|------|------|------|-------|-------|-------|-------|-------|
| | | | | 2300 | 2425 | 2550 | 2675 | 2800 | 2925 | 3050 | 3175 | 3300 |
| G | One Row | 1.0 | 0.27 | 33.6 | 34.0 | 34.3 | 34.6 | 34.9 | 35.1 | 35.4 | 35.6 | 35.9 |
| | | 2.0 | 0.83 | 45.2 | 45.9 | 46.5 | 47.2 | 47.8 | 48.3 | 48.9 | 49.4 | 49.9 |
| | | 4.0 | 3.05 | 53.4 | 54.4 | 55.3 | 56.3 | 57.1 | 58.0 | 58.8 | 59.6 | 60.3 |
| | | 6.0 | 6.63 | 56.7 | 57.9 | 59.0 | 60.0 | 61.0 | 62.0 | 62.9 | 63.8 | 64.7 |
| | | Airside ΔPs | | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 |
| | Two Row | 1.0 | 0.55 | 47.6 | 48.0 | 48.3 | 48.6 | 48.9 | 49.1 | 49.3 | 49.5 | 49.7 |
| | | 2.0 | 1.61 | 72.9 | 74.0 | 75.0 | 75.9 | 76.7 | 77.5 | 78.3 | 79.0 | 79.6 |
| | | 4.0 | 5.83 | 94.1 | 96.0 | 97.9 | 99.6 | 101.3 | 102.8 | 104.3 | 105.7 | 107.1 |
| | | 6.0 | 5.83 | 94.1 | 96.0 | 97.9 | 99.6 | 101.3 | 102.8 | 104.3 | 105.7 | 107.1 |
| | | Airside ΔPs | | 0.22 | 0.22 | 0.23 | 0.25 | 0.27 | 0.29 | 0.31 | 0.33 | 0.35 |

- All coil performance in accordance with AHRI 410-2001
- Heating capacities are in MBH
- Data based on 180°F entering water and 65°F entering air
- For temperature differentials other than 115°, multiply MBH by correction factors below
- Head loss is in feet of water
- Always supply water to lowest connection pipe to prevent air entrapment
- Air temperature rise = 927 x MBH/cfm
- Water temperature drop = 2.04 x MBH/gpm
- Connection size is 3/8" OD male solder
- Coils are not intended for steam applications and are labeled for a maximum water temperature of 200°F
- Coils are tested for leakage at test pressure of 500 psi
- Water volumes less than those shown may result in laminar flow and reduced heating capacity. If possible reduce the number of coil rows to increase water velocity into turbulent range.



Correction factors for other entering conditions:

| ΔT | 50 | 60 | 70 | 80 | 90 | 100 | 115 | 125 | 140 | 150 |
|--------|------|------|------|------|------|------|------|------|------|------|
| Factor | 0.44 | 0.52 | 0.61 | 0.70 | 0.79 | 0.88 | 1.00 | 1.07 | 1.20 | 1.30 |

PTFS, ATFS, DTFS / RADIATED SOUND PERFORMANCE

| Size | CFM | Discharge Ps | Min ΔPs | Octave Band Sound Power, Lw | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|--------------|---------|-----------------------------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|
| | | | | Fan Only | | | | | | | 0.5" ΔPs | | | | | | | 1.0" ΔPs | | | | | | | 1.5" ΔPs | | | | | | |
| | | | | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC |
| A06 | 200 | 0.25 | 0.01 | 57 | 48 | 47 | 40 | 33 | 24 | 21 | 62 | 53 | 48 | 44 | 40 | 34 | 24 | 63 | 55 | 49 | 45 | 42 | 37 | 25 | 64 | 56 | 50 | 46 | 44 | 39 | 27 |
| | 250 | | 0.01 | 59 | 50 | 48 | 42 | 36 | 28 | 22 | 65 | 57 | 50 | 46 | 42 | 37 | 28 | 66 | 58 | 52 | 48 | 45 | 40 | 29 | 67 | 59 | 52 | 49 | 46 | 42 | 31 |
| | 275 | | 0.01 | 60 | 51 | 48 | 44 | 38 | 30 | 22 | 66 | 58 | 51 | 47 | 43 | 38 | 29 | 68 | 60 | 52 | 49 | 46 | 41 | 32 | 69 | 60 | 53 | 50 | 47 | 43 | 33 |
| | 300 | | 0.01 | 60 | 52 | 48 | 45 | 39 | 32 | 22 | 68 | 59 | 52 | 48 | 44 | 39 | 32 | 69 | 61 | 53 | 50 | 46 | 43 | 33 | 70 | 62 | 54 | 51 | 48 | 44 | 34 |
| | 350 | | 0.01 | 62 | 54 | 49 | 47 | 41 | 35 | 24 | 70 | 62 | 53 | 50 | 46 | 41 | 34 | 71 | 63 | 55 | 51 | 48 | 44 | 36 | 72 | 64 | 56 | 52 | 49 | 46 | 37 |
| B08 | 350 | 0.25 | 0.03 | 58 | 54 | 51 | 46 | 36 | 33 | 25 | 57 | 52 | 51 | 48 | 38 | 37 | 25 | 58 | 55 | 54 | 49 | 42 | 42 | 28 | 59 | 57 | 55 | 50 | 44 | 45 | 29 |
| | 400 | | 0.04 | 60 | 56 | 52 | 48 | 38 | 37 | 27 | 58 | 54 | 53 | 49 | 40 | 38 | 27 | 60 | 57 | 55 | 51 | 44 | 43 | 29 | 61 | 59 | 56 | 52 | 46 | 46 | 30 |
| | 450 | | 0.05 | 62 | 58 | 53 | 50 | 41 | 39 | 28 | 59 | 56 | 54 | 51 | 41 | 40 | 28 | 61 | 59 | 56 | 52 | 45 | 45 | 30 | 62 | 60 | 58 | 53 | 47 | 47 | 32 |
| | 500 | | 0.06 | 64 | 59 | 55 | 52 | 43 | 42 | 30 | 61 | 57 | 55 | 52 | 43 | 41 | 29 | 62 | 60 | 57 | 54 | 46 | 46 | 31 | 63 | 62 | 59 | 55 | 48 | 49 | 34 |
| | 550 | | 0.07 | 66 | 61 | 56 | 53 | 44 | 44 | 31 | 62 | 58 | 56 | 54 | 44 | 42 | 30 | 64 | 61 | 58 | 55 | 47 | 47 | 32 | 65 | 63 | 60 | 56 | 49 | 50 | 35 |
| C10 | 550 | 0.25 | 0.04 | 61 | 49 | 50 | 46 | 36 | 32 | 24 | 61 | 53 | 52 | 48 | 40 | 37 | 26 | 64 | 58 | 55 | 51 | 44 | 43 | 29 | 66 | 61 | 57 | 53 | 47 | 46 | 31 |
| | 650 | | 0.06 | 62 | 52 | 52 | 49 | 39 | 36 | 27 | 63 | 55 | 54 | 50 | 42 | 39 | 28 | 66 | 60 | 57 | 53 | 46 | 45 | 31 | 68 | 63 | 59 | 55 | 49 | 48 | 34 |
| | 800 | | 0.09 | 64 | 54 | 55 | 52 | 43 | 42 | 30 | 65 | 57 | 56 | 53 | 44 | 42 | 30 | 68 | 62 | 60 | 56 | 49 | 47 | 35 | 70 | 65 | 62 | 58 | 51 | 50 | 37 |
| | 950 | | 0.12 | 65 | 57 | 57 | 55 | 47 | 46 | 32 | 66 | 59 | 58 | 55 | 46 | 44 | 32 | 70 | 64 | 62 | 58 | 51 | 49 | 37 | 71 | 67 | 64 | 60 | 53 | 53 | 39 |
| | 1100 | | 0.16 | 66 | 59 | 59 | 58 | 49 | 50 | 34 | 68 | 60 | 60 | 57 | 48 | 46 | 35 | 71 | 65 | 63 | 60 | 52 | 51 | 38 | 73 | 68 | 65 | 62 | 55 | 54 | 40 |
| D12 | 1000 | 0.25 | 0.03 | 59 | 54 | 51 | 47 | 42 | 39 | 25 | 65 | 58 | 56 | 53 | 46 | 42 | 30 | 67 | 61 | 58 | 56 | 50 | 45 | 32 | 68 | 62 | 59 | 57 | 53 | 47 | 34 |
| | 1150 | | 0.05 | 62 | 56 | 54 | 50 | 45 | 42 | 29 | 67 | 60 | 58 | 55 | 48 | 44 | 32 | 69 | 63 | 60 | 57 | 52 | 47 | 35 | 70 | 64 | 61 | 59 | 55 | 49 | 36 |
| | 1300 | | 0.06 | 64 | 58 | 56 | 53 | 47 | 45 | 31 | 68 | 62 | 59 | 56 | 49 | 46 | 34 | 71 | 65 | 61 | 59 | 53 | 49 | 36 | 72 | 66 | 62 | 61 | 56 | 51 | 37 |
| | 1450 | | 0.07 | 66 | 60 | 58 | 55 | 50 | 48 | 33 | 70 | 64 | 61 | 58 | 50 | 48 | 36 | 72 | 66 | 63 | 60 | 55 | 51 | 38 | 74 | 68 | 64 | 62 | 57 | 53 | 40 |
| | 1600 | | 0.09 | 68 | 62 | 60 | 57 | 52 | 50 | 35 | 71 | 65 | 62 | 59 | 51 | 50 | 37 | 74 | 68 | 64 | 62 | 56 | 53 | 40 | 75 | 69 | 65 | 63 | 58 | 55 | 41 |
| E14 | 1500 | 0.25 | 0.04 | 68 | 62 | 60 | 56 | 48 | 44 | 35 | 70 | 64 | 62 | 58 | 50 | 46 | 37 | 72 | 66 | 63 | 60 | 53 | 49 | 38 | 73 | 67 | 64 | 61 | 55 | 50 | 39 |
| | 1650 | | 0.05 | 70 | 63 | 61 | 58 | 50 | 46 | 36 | 72 | 66 | 63 | 59 | 51 | 48 | 38 | 74 | 68 | 64 | 61 | 55 | 50 | 40 | 75 | 69 | 65 | 62 | 57 | 52 | 41 |
| | 1800 | | 0.06 | 72 | 64 | 62 | 59 | 52 | 49 | 38 | 74 | 67 | 64 | 61 | 52 | 49 | 40 | 76 | 69 | 66 | 63 | 56 | 52 | 42 | 77 | 70 | 66 | 64 | 58 | 54 | 43 |
| | 1950 | | 0.08 | 73 | 66 | 63 | 61 | 54 | 51 | 39 | 76 | 69 | 65 | 62 | 53 | 51 | 42 | 77 | 71 | 67 | 64 | 57 | 54 | 43 | 78 | 72 | 67 | 65 | 59 | 55 | 45 |
| | 2100 | | 0.09 | 74 | 67 | 64 | 62 | 56 | 53 | 40 | 77 | 70 | 66 | 63 | 54 | 52 | 43 | 79 | 72 | 68 | 65 | 58 | 55 | 46 | 80 | 73 | 69 | 66 | 60 | 57 | 47 |
| G16 | 2400 | 0.25 | 0.07 | 68 | 66 | 61 | 58 | 52 | 50 | 37 | 71 | 67 | 62 | 58 | 55 | 51 | 37 | 75 | 72 | 67 | 63 | 59 | 56 | 43 | 77 | 75 | 70 | 66 | 62 | 58 | 47 |
| | 2500 | | 0.08 | 69 | 66 | 62 | 58 | 53 | 50 | 38 | 71 | 68 | 63 | 58 | 55 | 52 | 38 | 75 | 73 | 68 | 63 | 60 | 56 | 44 | 77 | 76 | 71 | 67 | 62 | 59 | 48 |
| | 2600 | | 0.09 | 69 | 67 | 62 | 59 | 54 | 51 | 38 | 72 | 68 | 63 | 59 | 56 | 52 | 38 | 76 | 73 | 68 | 64 | 60 | 57 | 44 | 78 | 76 | 71 | 67 | 63 | 59 | 48 |
| | 2700 | | 0.09 | 70 | 67 | 63 | 60 | 54 | 52 | 39 | 72 | 69 | 64 | 59 | 56 | 53 | 40 | 76 | 74 | 69 | 64 | 60 | 57 | 45 | 78 | 76 | 72 | 67 | 63 | 60 | 48 |
| | 2800 | | 0.10 | 71 | 68 | 64 | 60 | 55 | 53 | 40 | 72 | 69 | 64 | 59 | 56 | 53 | 40 | 76 | 74 | 69 | 64 | 61 | 58 | 45 | 79 | 77 | 72 | 67 | 63 | 60 | 49 |

- Radiated sound is the noise transmitted through the unit casing and emitted from the induction port
- Min ΔPs is the difference between atmospheric pressure and the inlet static pressure with the primary damper full open and the unit fan set to match the primary flow
- Sound power levels are in dB, ref 10⁻¹² watts
- Sound performance based on units lined with standard dual density fiberglass lining
- All performance based on tests conducted in accordance with ASHRAE 130-2008 and AHRI 880-2011
- All NC levels determined using AHRI 885-2008 Appendix E. See Terminal Unit Engineering Guidelines.
- Dash (-) in space denotes NC value less than NC10
- Only highlighted data points are AHRI Certified. See page N41 for AHRI Certified Performance Listings.

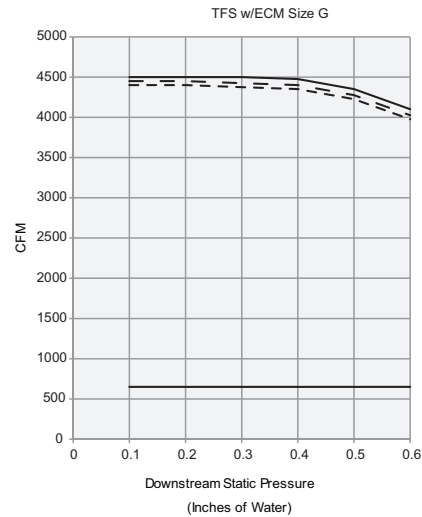
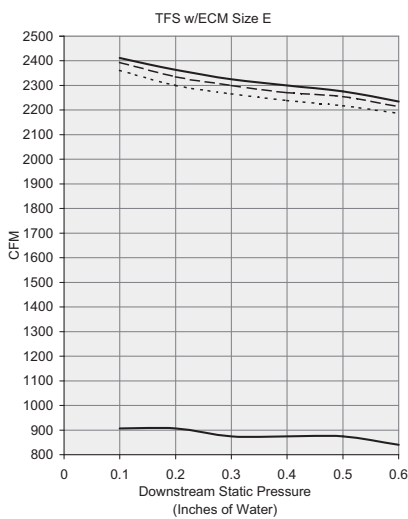
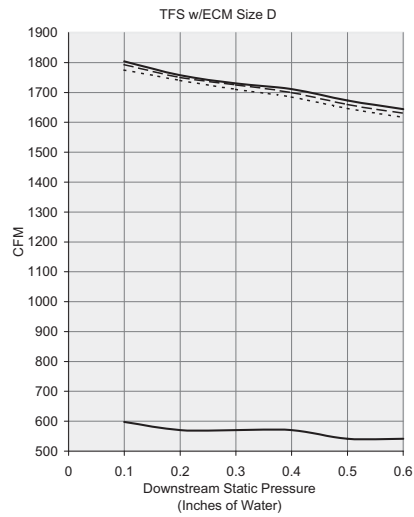
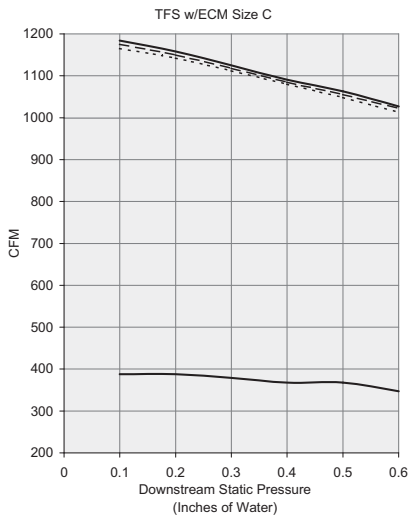
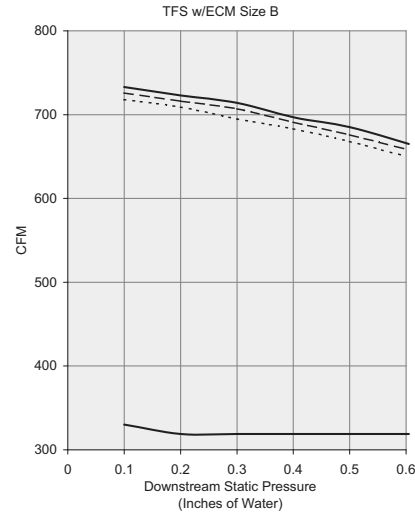
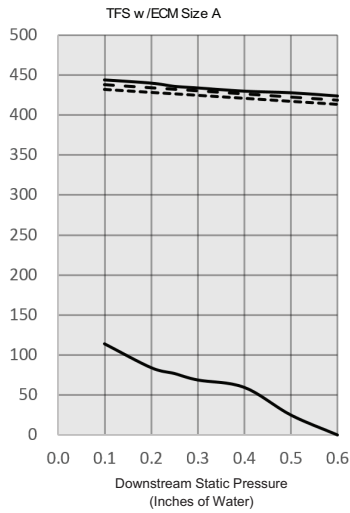
PTFS, ATFS, DTFS / DISCHARGE SOUND PERFORMANCE

| Size | CFM | Discharge Ps | Min ΔPs | Octave Band Sound Power, Lw | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|--------------|---------|-----------------------------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|
| | | | | Fan Only | | | | | | | 0.5" ΔPs | | | | | | | 1.0" ΔPs | | | | | | | 1.5" ΔPs | | | | | | |
| | | | | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC |
| A06 | 200 | 0.25 | 0.01 | 66 | 57 | 56 | 52 | 51 | 45 | 22 | 68 | 59 | 58 | 55 | 53 | 48 | 25 | 68 | 60 | 58 | 55 | 53 | 49 | 25 | 68 | 60 | 59 | 55 | 53 | 49 | 25 |
| | 250 | | 0.01 | 67 | 59 | 58 | 56 | 54 | 50 | 24 | 70 | 62 | 61 | 58 | 56 | 52 | 28 | 70 | 63 | 61 | 58 | 57 | 53 | 28 | 70 | 63 | 61 | 58 | 57 | 53 | 28 |
| | 275 | | 0.01 | 67 | 60 | 60 | 57 | 56 | 52 | 24 | 70 | 63 | 62 | 59 | 58 | 54 | 28 | 71 | 64 | 62 | 59 | 58 | 55 | 29 | 71 | 64 | 62 | 59 | 58 | 55 | 29 |
| | 300 | | 0.01 | 68 | 61 | 60 | 59 | 57 | 54 | 21 | 71 | 64 | 63 | 61 | 59 | 54 | 25 | 72 | 65 | 63 | 61 | 60 | 56 | 26 | 72 | 66 | 63 | 61 | 60 | 57 | 26 |
| | 350 | | 0.01 | 69 | 63 | 62 | 61 | 60 | 57 | 22 | 73 | 66 | 65 | 63 | 62 | 57 | 28 | 73 | 67 | 65 | 63 | 62 | 59 | 28 | 74 | 68 | 65 | 63 | 62 | 60 | 29 |
| B08 | 350 | 0.25 | 0.03 | 68 | 56 | 52 | 53 | 52 | 49 | 21 | 69 | 58 | 54 | 55 | 55 | 53 | 22 | 71 | 59 | 54 | 55 | 55 | 53 | 25 | 72 | 60 | 54 | 54 | 55 | 53 | 26 |
| | 400 | | 0.04 | 71 | 59 | 54 | 55 | 54 | 52 | 25 | 70 | 60 | 55 | 56 | 57 | 55 | 24 | 72 | 61 | 56 | 56 | 57 | 55 | 26 | 73 | 62 | 56 | 56 | 57 | 55 | 28 |
| | 450 | | 0.05 | 73 | 61 | 55 | 57 | 56 | 54 | 28 | 72 | 61 | 57 | 58 | 59 | 57 | 26 | 73 | 62 | 57 | 58 | 59 | 57 | 28 | 74 | 63 | 57 | 58 | 58 | 57 | 29 |
| | 500 | | 0.06 | 75 | 64 | 57 | 58 | 58 | 56 | 30 | 73 | 62 | 58 | 59 | 60 | 59 | 28 | 74 | 64 | 58 | 59 | 60 | 58 | 29 | 75 | 64 | 58 | 59 | 60 | 58 | 30 |
| | 550 | | 0.07 | 77 | 65 | 58 | 60 | 60 | 58 | 33 | 74 | 63 | 59 | 61 | 61 | 60 | 29 | 75 | 65 | 59 | 60 | 61 | 60 | 30 | 76 | 65 | 59 | 60 | 61 | 60 | 31 |
| C10 | 550 | 0.25 | 0.04 | 77 | 55 | 52 | 50 | 50 | 49 | 33 | 78 | 58 | 55 | 54 | 53 | 52 | 34 | 79 | 60 | 55 | 54 | 54 | 53 | 35 | 79 | 60 | 56 | 54 | 54 | 53 | 35 |
| | 650 | | 0.06 | 77 | 58 | 55 | 54 | 54 | 53 | 33 | 79 | 61 | 57 | 57 | 57 | 56 | 35 | 79 | 62 | 58 | 57 | 57 | 57 | 35 | 79 | 63 | 58 | 57 | 57 | 57 | 35 |
| | 800 | | 0.09 | 78 | 62 | 58 | 59 | 59 | 58 | 31 | 80 | 64 | 60 | 61 | 61 | 61 | 34 | 80 | 66 | 61 | 61 | 61 | 61 | 34 | 80 | 67 | 61 | 61 | 61 | 61 | 34 |
| | 950 | | 0.12 | 78 | 65 | 61 | 63 | 63 | 62 | 31 | 80 | 67 | 63 | 64 | 64 | 64 | 34 | 81 | 69 | 63 | 64 | 65 | 65 | 35 | 81 | 69 | 63 | 64 | 65 | 65 | 35 |
| | 1100 | | 0.16 | 79 | 68 | 63 | 66 | 66 | 66 | 33 | 81 | 69 | 65 | 67 | 67 | 67 | 35 | 81 | 71 | 65 | 67 | 68 | 68 | 35 | 82 | 72 | 65 | 67 | 68 | 68 | 36 |
| D12 | 1000 | 0.25 | 0.03 | 76 | 64 | 57 | 60 | 65 | 63 | 29 | 82 | 68 | 62 | 64 | 67 | 67 | 36 | 83 | 69 | 63 | 66 | 64 | 65 | 38 | 83 | 70 | 63 | 67 | 62 | 63 | 38 |
| | 1150 | | 0.05 | 78 | 67 | 59 | 63 | 66 | 65 | 31 | 84 | 70 | 64 | 65 | 68 | 68 | 39 | 85 | 71 | 65 | 67 | 65 | 66 | 40 | 85 | 71 | 65 | 68 | 63 | 64 | 40 |
| | 1300 | | 0.06 | 79 | 68 | 61 | 64 | 68 | 67 | 33 | 85 | 72 | 66 | 67 | 70 | 70 | 40 | 86 | 73 | 66 | 68 | 66 | 67 | 42 | 87 | 73 | 67 | 69 | 64 | 66 | 43 |
| | 1450 | | 0.07 | 80 | 70 | 63 | 66 | 69 | 68 | 34 | 87 | 73 | 67 | 68 | 71 | 70 | 43 | 88 | 74 | 68 | 70 | 67 | 68 | 44 | 88 | 75 | 68 | 71 | 66 | 67 | 44 |
| | 1600 | | 0.09 | 81 | 71 | 65 | 68 | 70 | 69 | 35 | 88 | 74 | 69 | 69 | 72 | 71 | 44 | 89 | 75 | 69 | 71 | 69 | 69 | 45 | 89 | 76 | 69 | 72 | 67 | 67 | 45 |
| E14 | 1500 | 0.25 | 0.04 | 82 | 74 | 64 | 67 | 69 | 66 | 36 | 89 | 77 | 69 | 68 | 71 | 70 | 45 | 90 | 78 | 70 | 71 | 71 | 71 | 47 | 91 | 78 | 71 | 73 | 71 | 71 | 48 |
| | 1650 | | 0.05 | 83 | 75 | 66 | 69 | 70 | 68 | 38 | 90 | 79 | 70 | 69 | 72 | 71 | 47 | 91 | 79 | 71 | 72 | 72 | 71 | 48 | 92 | 79 | 72 | 74 | 72 | 72 | 49 |
| | 1800 | | 0.06 | 84 | 76 | 67 | 71 | 72 | 70 | 39 | 92 | 80 | 71 | 70 | 73 | 72 | 49 | 93 | 80 | 72 | 73 | 73 | 72 | 51 | 93 | 81 | 73 | 75 | 72 | 72 | 51 |
| | 1950 | | 0.08 | 85 | 78 | 69 | 72 | 73 | 72 | 40 | 93 | 81 | 72 | 72 | 74 | 73 | 51 | 94 | 82 | 74 | 74 | 73 | 73 | 52 | 94 | 82 | 74 | 76 | 73 | 73 | 52 |
| | 2100 | | 0.09 | 86 | 79 | 70 | 74 | 75 | 74 | 42 | 94 | 82 | 73 | 73 | 75 | 73 | 52 | 95 | 83 | 75 | 76 | 74 | 74 | 53 | 96 | 83 | 75 | 77 | 74 | 74 | 54 |
| G16 | 2400 | 0.25 | 0.07 | 74 | 70 | 68 | 66 | 64 | 63 | 28 | 74 | 70 | 68 | 66 | 64 | 63 | 28 | 76 | 70 | 70 | 68 | 66 | 65 | 29 | 76 | 72 | 71 | 69 | 67 | 65 | 31 |
| | 2500 | | 0.08 | 74 | 71 | 69 | 67 | 65 | 64 | 30 | 74 | 73 | 69 | 67 | 65 | 64 | 32 | 74 | 73 | 71 | 69 | 67 | 64 | 32 | 76 | 73 | 71 | 70 | 68 | 66 | 32 |
| | 2600 | | 0.09 | 75 | 71 | 69 | 67 | 66 | 65 | 30 | 75 | 71 | 69 | 67 | 66 | 65 | 30 | 77 | 73 | 71 | 70 | 68 | 67 | 32 | 77 | 73 | 72 | 70 | 68 | 67 | 32 |
| | 2700 | | 0.09 | 75 | 72 | 70 | 68 | 66 | 65 | 31 | 75 | 72 | 70 | 68 | 66 | 65 | 31 | 77 | 72 | 72 | 71 | 68 | 67 | 31 | 77 | 74 | 73 | 71 | 69 | 68 | 33 |
| | 2800 | | 0.10 | 76 | 72 | 70 | 69 | 67 | 66 | 31 | 76 | 72 | 71 | 69 | 69 | 66 | 31 | 78 | 74 | 73 | 71 | 69 | 68 | 31 | 78 | 74 | 73 | 72 | 70 | 68 | 33 |

- Discharge sound is the noise emitted from the unit discharge into the downstream ductwork
- Min ΔPs is the difference between atmospheric pressure and the inlet static pressure with the primary damper full open and the unit fan set to match the primary flow
- Sound power levels are in dB, ref 10⁻¹² watts
- Sound performance based on units lined with standard dual density fiberglass lining

- All performance based on tests conducted in accordance with ASHRAE 130-2008 and AHRI 880-2011
- All NC levels determined using AHRI 885-2008 Appendix E. See Terminal Unit Engineering Guidelines.
- Dash (-) in space denotes NC value less than NC10
- Only highlighted data points are AHRI Certified. See page N41 for AHRI Certified Performance Listings.

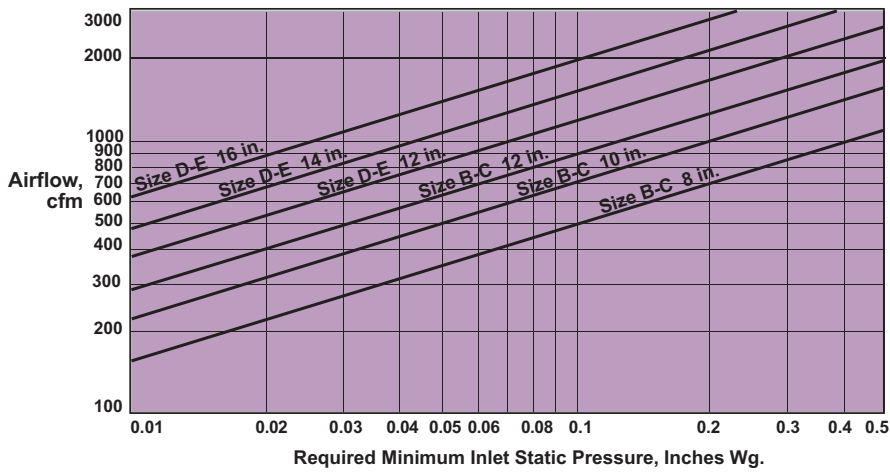
PTFS, ATFS, DTFS WITH ECM MOTOR / AIRFLOW VS. DOWNSTREAM STATIC PRESSURE



No Coil or with Electric Coil ———
 1 Row Water Coil - - - - -
 2 Row Water Coil ·····

PTFS, ATFS, DTFS WITH ECM MOTOR / PRIMARY AIR INLET PRESSURE

PRIMARY AIR INLET PRESSURE / PTFS, ATFS, DTFS



Note: For selection procedure, See the section Engineering Guidelines and the topic 'ECM Motors - Fan Powered Terminals' for additional information.

ECM ELECTRICAL DATA

| Unit Size | Motor HP | 120V | 208V | 240V | 277V |
|-----------|----------|------|------|------|------|
| A | 1/3 | 5.0 | 3.3 | 2.8 | 2.6 |
| B | 1/3 | 5.0 | 3.3 | 2.8 | 2.6 |
| C | 1/3 | 5.0 | 3.3 | 2.8 | 2.6 |
| D | 1/2 | 7.7 | 5.0 | 4.3 | 4.1 |
| E | 3/4 | 9.6 | 7.9 | 6.8 | 5.5 |
| G | (2) 1 | 25.6 | 21.0 | 18.2 | 13.8 |

PTFS, ATFS, DTFS WITH ECM / RADIATED SOUND PERFORMANCE

| Size | CFM | Discharge Ps | Min ΔPs | Octave Band Sound Power, Lw | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|--------------|---------|-----------------------------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|
| | | | | Fan Only | | | | | | | 0.5" ΔPs | | | | | | | 1.0" ΔPs | | | | | | | 1.5" ΔPs | | | | | | |
| | | | | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC |
| A06 | 150 | 0.25 | 0.01 | 48 | 42 | 38 | 34 | 27 | 17 | 11 | 57 | 49 | 43 | 41 | 38 | 31 | 18 | 58 | 51 | 45 | 43 | 40 | 35 | 19 | 59 | 52 | 46 | 44 | 41 | 37 | 20 |
| | 200 | | 0.01 | 53 | 46 | 42 | 39 | 32 | 24 | 16 | 61 | 54 | 47 | 44 | 41 | 35 | 23 | 62 | 55 | 48 | 46 | 43 | 38 | 24 | 63 | 56 | 49 | 47 | 44 | 40 | 25 |
| | 250 | | 0.01 | 57 | 49 | 45 | 43 | 37 | 30 | 19 | 64 | 57 | 50 | 47 | 43 | 38 | 27 | 66 | 59 | 51 | 48 | 45 | 41 | 29 | 67 | 60 | 52 | 49 | 46 | 43 | 31 |
| | 300 | | 0.01 | 60 | 52 | 48 | 46 | 40 | 34 | 22 | 67 | 60 | 52 | 49 | 45 | 40 | 31 | 69 | 61 | 54 | 50 | 47 | 43 | 33 | 69 | 62 | 55 | 51 | 48 | 45 | 33 |
| | 350 | | 0.01 | 63 | 54 | 50 | 48 | 43 | 38 | 26 | 69 | 62 | 54 | 51 | 46 | 42 | 33 | 71 | 64 | 56 | 52 | 48 | 45 | 36 | 72 | 65 | 56 | 53 | 49 | 47 | 37 |
| B08 | 400 | 0.25 | 0.04 | 60 | 56 | 51 | 49 | 40 | 38 | 25 | 58 | 55 | 51 | 49 | 40 | 38 | 25 | 59 | 57 | 54 | 51 | 44 | 43 | 28 | 60 | 59 | 56 | 52 | 46 | 46 | 30 |
| | 475 | | 0.05 | 63 | 59 | 54 | 52 | 43 | 41 | 29 | 60 | 57 | 53 | 51 | 42 | 40 | 27 | 62 | 60 | 56 | 53 | 46 | 45 | 30 | 63 | 62 | 58 | 54 | 48 | 48 | 32 |
| | 550 | | 0.07 | 65 | 61 | 55 | 54 | 45 | 44 | 31 | 62 | 59 | 55 | 53 | 44 | 42 | 29 | 64 | 62 | 58 | 55 | 48 | 47 | 32 | 65 | 64 | 60 | 56 | 50 | 50 | 35 |
| | 625 | | 0.09 | 68 | 63 | 57 | 55 | 47 | 47 | 33 | 64 | 61 | 57 | 55 | 45 | 44 | 31 | 66 | 64 | 59 | 57 | 49 | 49 | 34 | 67 | 66 | 61 | 58 | 51 | 52 | 36 |
| | 700 | | 0.11 | 69 | 65 | 59 | 57 | 49 | 49 | 36 | 66 | 63 | 58 | 56 | 46 | 45 | 33 | 68 | 66 | 61 | 58 | 50 | 50 | 36 | 69 | 67 | 63 | 59 | 52 | 53 | 38 |
| C10 | 500 | 0.25 | 0.03 | 46 | 42 | 47 | 43 | 34 | 30 | 21 | 56 | 52 | 50 | 46 | 38 | 36 | 24 | 60 | 57 | 53 | 49 | 43 | 41 | 27 | 62 | 60 | 56 | 51 | 46 | 44 | 30 |
| | 650 | | 0.06 | 53 | 49 | 52 | 48 | 39 | 37 | 27 | 59 | 54 | 53 | 49 | 41 | 39 | 27 | 63 | 59 | 56 | 52 | 46 | 44 | 30 | 66 | 63 | 59 | 54 | 48 | 47 | 34 |
| | 800 | | 0.09 | 59 | 55 | 55 | 52 | 44 | 42 | 30 | 62 | 56 | 55 | 52 | 43 | 41 | 29 | 66 | 61 | 59 | 55 | 48 | 47 | 34 | 68 | 64 | 61 | 56 | 51 | 50 | 36 |
| | 950 | | 0.12 | 64 | 59 | 58 | 55 | 47 | 47 | 33 | 64 | 58 | 57 | 54 | 45 | 43 | 31 | 68 | 63 | 61 | 57 | 50 | 49 | 36 | 70 | 66 | 63 | 59 | 53 | 52 | 38 |
| | 1100 | | 0.16 | 69 | 64 | 61 | 58 | 51 | 50 | 36 | 65 | 59 | 59 | 56 | 47 | 45 | 34 | 69 | 64 | 62 | 59 | 52 | 50 | 37 | 72 | 67 | 64 | 60 | 54 | 54 | 39 |
| D12 | 800 | 0.25 | 0.02 | 57 | 51 | 49 | 46 | 39 | 35 | 23 | 60 | 55 | 53 | 50 | 43 | 39 | 27 | 62 | 58 | 55 | 53 | 48 | 43 | 29 | 64 | 59 | 57 | 55 | 51 | 44 | 31 |
| | 1000 | | 0.03 | 60 | 55 | 53 | 49 | 43 | 40 | 28 | 63 | 58 | 56 | 53 | 46 | 43 | 30 | 65 | 61 | 58 | 56 | 50 | 46 | 32 | 67 | 62 | 60 | 58 | 53 | 48 | 35 |
| | 1200 | | 0.05 | 63 | 57 | 56 | 52 | 47 | 44 | 31 | 65 | 61 | 59 | 55 | 48 | 45 | 34 | 68 | 64 | 61 | 58 | 52 | 48 | 36 | 70 | 65 | 62 | 60 | 55 | 50 | 37 |
| | 1400 | | 0.07 | 65 | 60 | 58 | 55 | 49 | 48 | 33 | 68 | 63 | 61 | 57 | 49 | 48 | 36 | 70 | 66 | 63 | 60 | 54 | 51 | 38 | 72 | 68 | 64 | 62 | 57 | 53 | 39 |
| | 1600 | | 0.09 | 67 | 62 | 60 | 57 | 52 | 51 | 35 | 70 | 65 | 63 | 59 | 51 | 49 | 38 | 72 | 68 | 65 | 62 | 55 | 53 | 40 | 74 | 70 | 66 | 63 | 58 | 55 | 41 |
| E14 | 1000 | 0.25 | 0.02 | 56 | 57 | 50 | 48 | 38 | 33 | 26 | 62 | 55 | 54 | 52 | 44 | 38 | 28 | 64 | 58 | 56 | 54 | 48 | 41 | 30 | 65 | 59 | 57 | 56 | 51 | 43 | 31 |
| | 1200 | | 0.03 | 60 | 54 | 53 | 51 | 42 | 38 | 28 | 66 | 59 | 57 | 54 | 46 | 41 | 31 | 68 | 61 | 59 | 57 | 51 | 45 | 34 | 69 | 63 | 60 | 58 | 53 | 47 | 35 |
| | 1500 | | 0.04 | 65 | 59 | 57 | 55 | 47 | 44 | 32 | 70 | 63 | 60 | 58 | 49 | 45 | 35 | 72 | 65 | 62 | 60 | 53 | 49 | 37 | 73 | 67 | 63 | 61 | 56 | 51 | 38 |
| | 1800 | | 0.06 | 69 | 63 | 61 | 59 | 52 | 48 | 36 | 74 | 66 | 63 | 60 | 52 | 49 | 40 | 76 | 69 | 65 | 63 | 56 | 52 | 42 | 77 | 70 | 66 | 64 | 58 | 54 | 43 |
| | 2100 | | 0.09 | 72 | 66 | 64 | 61 | 55 | 53 | 40 | 77 | 69 | 66 | 62 | 54 | 51 | 43 | 79 | 72 | 68 | 65 | 58 | 55 | 46 | 80 | 73 | 69 | 66 | 60 | 57 | 47 |
| G16 | 2000 | 0.25 | 0.05 | 65 | 63 | 58 | 54 | 49 | 46 | 33 | 69 | 65 | 60 | 56 | 53 | 49 | 35 | 73 | 70 | 66 | 62 | 57 | 53 | 41 | 75 | 73 | 69 | 65 | 60 | 56 | 44 |
| | 2200 | | 0.06 | 67 | 64 | 60 | 56 | 51 | 48 | 35 | 70 | 66 | 61 | 57 | 54 | 50 | 36 | 74 | 71 | 67 | 62 | 58 | 54 | 42 | 76 | 74 | 70 | 65 | 61 | 57 | 46 |
| | 2400 | | 0.07 | 68 | 66 | 61 | 58 | 52 | 50 | 37 | 71 | 67 | 62 | 58 | 55 | 51 | 37 | 75 | 72 | 67 | 63 | 59 | 56 | 43 | 77 | 75 | 70 | 66 | 62 | 58 | 47 |
| | 2600 | | 0.09 | 69 | 67 | 62 | 59 | 54 | 51 | 38 | 72 | 68 | 63 | 59 | 56 | 52 | 38 | 76 | 73 | 68 | 64 | 60 | 57 | 44 | 78 | 76 | 71 | 67 | 63 | 59 | 48 |
| | 2800 | | 0.10 | 71 | 68 | 64 | 60 | 55 | 53 | 40 | 72 | 69 | 64 | 59 | 56 | 53 | 40 | 76 | 74 | 69 | 64 | 61 | 58 | 45 | 79 | 77 | 72 | 67 | 63 | 60 | 49 |

- Radiated sound is the noise transmitted through the unit casing and emitted from the induction port
- Min ΔPs is the difference between atmospheric pressure and the inlet static pressure with the primary damper full open and the unit fan set to match the primary flow
- Sound power levels are in dB, ref 10⁻¹² watts
- Sound performance based on units lined with standard dual density fiberglass lining

- All performance based on tests conducted in accordance with ASHRAE 130-2008 and AHRI 880-2011
- All NC levels determined using AHRI 885-2008 Appendix E. See Terminal Unit Engineering Guidelines.
- Dash (-) in space denotes NC value less than NC10
- Only highlighted data points are AHRI Certified. See page N41 for AHRI Certified Performance Listings.

PTFS, ATFS, DTFS WITH ECM / DISCHARGE SOUND PERFORMANCE

| Size | CFM | Discharge Ps | Min ΔPs | Octave Band Sound Power, Lw | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|--------------|---------|-----------------------------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|----------|----|----|----|----|----|-----------|
| | | | | Fan Only | | | | | | | 0.5" ΔPs | | | | | | | 1.0" ΔPs | | | | | | | 1.5" ΔPs | | | | | | |
| | | | | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC | 2 | 3 | 4 | 5 | 6 | 7 | NC |
| A06 | 150 | 0.25 | 0.01 | 56 | 50 | 51 | 47 | 45 | 41 | 10 | 59 | 53 | 55 | 51 | 49 | 45 | 13 | 60 | 54 | 55 | 51 | 49 | 46 | 15 | 60 | 54 | 55 | 50 | 49 | 46 | 15 |
| | 200 | | 0.01 | 60 | 54 | 55 | 52 | 50 | 47 | 15 | 63 | 57 | 58 | 55 | 53 | 50 | 19 | 64 | 58 | 58 | 55 | 53 | 51 | 20 | 64 | 59 | 58 | 55 | 53 | 51 | 20 |
| | 250 | | 0.01 | 63 | 57 | 58 | 56 | 54 | 51 | 19 | 66 | 61 | 61 | 59 | 57 | 54 | 22 | 67 | 61 | 61 | 59 | 57 | 55 | 24 | 67 | 62 | 61 | 59 | 57 | 55 | 24 |
| | 300 | | 0.01 | 65 | 59 | 60 | 59 | 57 | 54 | 18 | 69 | 63 | 63 | 62 | 60 | 57 | 22 | 69 | 64 | 63 | 62 | 60 | 58 | 23 | 70 | 64 | 63 | 62 | 60 | 58 | 24 |
| | 350 | | 0.01 | 67 | 61 | 62 | 62 | 60 | 57 | 21 | 71 | 65 | 65 | 64 | 63 | 60 | 25 | 72 | 66 | 65 | 64 | 63 | 60 | 26 | 72 | 66 | 65 | 64 | 63 | 61 | 26 |
| B08 | 400 | 0.25 | 0.04 | 74 | 63 | 58 | 59 | 58 | 57 | 29 | 67 | 57 | 51 | 53 | 54 | 51 | 20 | 68 | 57 | 52 | 54 | 54 | 51 | 21 | 68 | 58 | 52 | 54 | 54 | 51 | 21 |
| | 475 | | 0.05 | 75 | 65 | 59 | 60 | 60 | 59 | 30 | 70 | 60 | 54 | 57 | 57 | 55 | 24 | 71 | 61 | 55 | 57 | 57 | 55 | 25 | 71 | 61 | 55 | 57 | 57 | 55 | 25 |
| | 550 | | 0.07 | 76 | 66 | 60 | 62 | 61 | 60 | 31 | 73 | 63 | 57 | 59 | 60 | 59 | 28 | 74 | 64 | 57 | 60 | 60 | 59 | 29 | 74 | 64 | 57 | 60 | 60 | 59 | 29 |
| | 625 | | 0.09 | 77 | 67 | 61 | 63 | 63 | 62 | 33 | 75 | 66 | 59 | 62 | 63 | 62 | 30 | 76 | 67 | 59 | 62 | 63 | 62 | 31 | 76 | 67 | 60 | 62 | 63 | 62 | 31 |
| | 700 | | 0.11 | 77 | 68 | 62 | 64 | 64 | 63 | 33 | 78 | 68 | 61 | 64 | 65 | 64 | 34 | 78 | 69 | 61 | 64 | 65 | 64 | 34 | 79 | 69 | 61 | 64 | 65 | 64 | 35 |
| C10 | 500 | 0.25 | 0.03 | 70 | 62 | 57 | 58 | 58 | 57 | 24 | 67 | 57 | 52 | 52 | 50 | 49 | 20 | 68 | 58 | 52 | 52 | 51 | 49 | 21 | 68 | 58 | 52 | 52 | 51 | 49 | 21 |
| | 650 | | 0.06 | 72 | 64 | 59 | 60 | 61 | 59 | 26 | 70 | 62 | 56 | 57 | 56 | 55 | 24 | 71 | 62 | 56 | 57 | 56 | 55 | 25 | 72 | 63 | 56 | 57 | 56 | 55 | 26 |
| | 800 | | 0.09 | 74 | 65 | 60 | 62 | 62 | 61 | 26 | 73 | 65 | 59 | 61 | 60 | 59 | 25 | 74 | 66 | 59 | 61 | 60 | 60 | 26 | 75 | 66 | 60 | 61 | 61 | 60 | 28 |
| | 950 | | 0.12 | 75 | 67 | 61 | 63 | 64 | 63 | 28 | 76 | 68 | 62 | 64 | 64 | 63 | 29 | 77 | 69 | 62 | 64 | 64 | 64 | 30 | 77 | 69 | 62 | 64 | 64 | 64 | 30 |
| | 1100 | | 0.16 | 76 | 68 | 62 | 64 | 65 | 64 | 29 | 78 | 71 | 64 | 67 | 67 | 67 | 31 | 79 | 72 | 64 | 67 | 67 | 67 | 33 | 79 | 72 | 65 | 67 | 67 | 67 | 33 |
| D12 | 800 | 0.25 | 0.02 | 69 | 59 | 54 | 57 | 59 | 58 | 22 | 68 | 53 | 53 | 55 | 53 | 51 | 19 | 68 | 55 | 55 | 57 | 54 | 53 | 19 | 68 | 56 | 57 | 59 | 55 | 53 | 19 |
| | 1000 | | 0.03 | 71 | 61 | 56 | 59 | 61 | 60 | 24 | 71 | 57 | 57 | 59 | 58 | 57 | 22 | 71 | 59 | 60 | 61 | 59 | 58 | 22 | 71 | 61 | 61 | 63 | 60 | 59 | 23 |
| | 1200 | | 0.05 | 73 | 63 | 58 | 61 | 62 | 61 | 25 | 74 | 61 | 61 | 62 | 62 | 61 | 26 | 74 | 63 | 63 | 65 | 63 | 62 | 26 | 74 | 64 | 65 | 66 | 64 | 63 | 27 |
| | 1400 | | 0.07 | 74 | 65 | 59 | 62 | 64 | 63 | 27 | 76 | 65 | 64 | 65 | 65 | 65 | 29 | 76 | 67 | 67 | 68 | 66 | 66 | 30 | 76 | 68 | 68 | 69 | 67 | 67 | 30 |
| | 1600 | | 0.09 | 75 | 66 | 60 | 63 | 65 | 64 | 28 | 78 | 67 | 67 | 68 | 68 | 68 | 31 | 78 | 69 | 69 | 70 | 69 | 69 | 32 | 78 | 71 | 71 | 71 | 70 | 70 | 33 |
| E14 | 1000 | 0.25 | 0.02 | 77 | 62 | 55 | 59 | 59 | 55 | 30 | 77 | 70 | 64 | 64 | 66 | 63 | 30 | 78 | 72 | 66 | 67 | 67 | 65 | 31 | 78 | 72 | 68 | 69 | 69 | 66 | 31 |
| | 1200 | | 0.03 | 78 | 67 | 59 | 62 | 62 | 60 | 31 | 79 | 72 | 66 | 66 | 68 | 66 | 33 | 80 | 74 | 69 | 69 | 70 | 68 | 34 | 80 | 75 | 70 | 71 | 71 | 69 | 34 |
| | 1500 | | 0.04 | 80 | 71 | 63 | 67 | 67 | 65 | 34 | 82 | 75 | 69 | 69 | 71 | 69 | 36 | 82 | 76 | 71 | 72 | 73 | 71 | 36 | 82 | 77 | 73 | 73 | 74 | 72 | 37 |
| | 1800 | | 0.06 | 82 | 75 | 67 | 70 | 71 | 70 | 36 | 84 | 77 | 71 | 71 | 73 | 72 | 39 | 84 | 79 | 74 | 74 | 75 | 74 | 39 | 84 | 80 | 75 | 75 | 76 | 75 | 40 |
| | 2100 | | 0.09 | 83 | 79 | 70 | 74 | 75 | 74 | 39 | 85 | 79 | 73 | 73 | 75 | 75 | 40 | 86 | 80 | 76 | 75 | 77 | 76 | 42 | 86 | 81 | 77 | 77 | 78 | 77 | 42 |
| G16 | 2000 | 0.25 | 0.05 | 71 | 68 | 66 | 62 | 61 | 61 | 26 | 71 | 68 | 66 | 62 | 61 | 61 | 26 | 71 | 70 | 68 | 64 | 61 | 61 | 28 | 71 | 70 | 68 | 65 | 63 | 63 | 28 |
| | 2200 | | 0.06 | 73 | 69 | 67 | 64 | 63 | 62 | 27 | 73 | 69 | 67 | 64 | 63 | 62 | 27 | 73 | 69 | 67 | 66 | 65 | 62 | 27 | 73 | 69 | 69 | 67 | 65 | 64 | 28 |
| | 2400 | | 0.07 | 74 | 70 | 68 | 66 | 64 | 63 | 28 | 74 | 70 | 68 | 66 | 64 | 63 | 28 | 76 | 70 | 70 | 68 | 66 | 65 | 29 | 76 | 72 | 71 | 69 | 67 | 65 | 31 |
| | 2600 | | 0.09 | 75 | 71 | 69 | 67 | 66 | 65 | 30 | 75 | 71 | 69 | 67 | 66 | 65 | 30 | 77 | 73 | 71 | 70 | 68 | 67 | 32 | 77 | 73 | 72 | 70 | 68 | 67 | 32 |
| | 2800 | | 0.10 | 76 | 72 | 70 | 69 | 67 | 66 | 31 | 76 | 72 | 70 | 69 | 69 | 66 | 31 | 78 | 74 | 73 | 71 | 69 | 68 | 33 | 78 | 74 | 73 | 72 | 70 | 68 | 33 |

- Discharge sound is the noise emitted from the unit discharge into the downstream ductwork
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