

PERFORMANCE DATA • MODEL SERIES 5800R

MODEL: 5850R(I)

1/2" (13) Slot • 24" (610) Long

| | | | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|------|------|
| 1 Slot | Airflow, CFM | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | – | 18 | 22 | 26 | 29 | 32 |
| 2 Slot | Airflow, CFM | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 15 | 21 | 25 | 29 | 32 | 35 |
| 3 Slot | Airflow, CFM | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 17 | 23 | 27 | 31 | 34 | 37 |
| 4 Slot | Airflow, CFM | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 18 | 24 | 28 | 32 | 35 | 38 |

1/2" (13) Slot • 48" (1219) Long

| | | | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|------|------|
| 1 Slot | Airflow, CFM | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | – | 18 | 22 | 26 | 29 | 32 |
| 2 Slot | Airflow, CFM | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 15 | 21 | 25 | 29 | 32 | 35 |
| 3 Slot | Airflow, CFM | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 17 | 23 | 27 | 31 | 34 | 37 |
| 4 Slot | Airflow, CFM | 160 | 240 | 320 | 400 | 480 | 560 | 640 | 720 | 800 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 18 | 24 | 28 | 32 | 35 | 38 |

MODEL: 5875R(I)

3/4" (19) Slot • 24" (610) Long

| | | | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|------|------|
| 1 Slot | Airflow, CFM | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | – | 18 | 22 | 26 | 29 | 32 |
| 2 Slot | Airflow, CFM | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 15 | 21 | 25 | 29 | 32 | 35 |
| 3 Slot | Airflow, CFM | 90 | 135 | 180 | 225 | 270 | 315 | 360 | 405 | 450 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 17 | 23 | 27 | 31 | 34 | 37 |
| 4 Slot | Airflow, CFM | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 18 | 24 | 28 | 32 | 35 | 38 |

3/4" (19) Slot • 48" (1219) Long

| | | | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|------|------|
| 1 Slot | Airflow, CFM | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | – | 18 | 22 | 26 | 29 | 32 |
| 2 Slot | Airflow, CFM | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 15 | 21 | 25 | 29 | 32 | 35 |
| 3 Slot | Airflow, CFM | 180 | 270 | 360 | 450 | 540 | 630 | 720 | 810 | 900 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 17 | 23 | 27 | 31 | 34 | 37 |
| 4 Slot | Airflow, CFM | 240 | 360 | 480 | 600 | 720 | 840 | 960 | 1080 | 1200 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 18 | 24 | 28 | 32 | 35 | 38 |

Performance Notes:

1. Neg. Static Pressure is in inches w.g..
2. Noise Criteria [NC] values based on 10 dB room absorption, re 10⁻¹² watts.
3. Dash (–) in space indicates an Noise Criteria level of less than 15.
4. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70–2006.

PERFORMANCE DATA • MODEL SERIES 5800R

MODEL: 5810R(I)

1" (25) Slot • 24" (610) Long

| | | | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|------|------|
| 1 Slot | Airflow, CFM | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | – | 18 | 22 | 26 | 29 | 32 |
| 2 Slot | Airflow, CFM | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 15 | 21 | 25 | 29 | 32 | 35 |
| 3 Slot | Airflow, CFM | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 17 | 23 | 27 | 31 | 34 | 37 |
| 4 Slot | Airflow, CFM | 160 | 240 | 320 | 400 | 480 | 560 | 640 | 720 | 800 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 18 | 24 | 28 | 32 | 35 | 38 |

1" (25) Slot • 48" (1219) Long

| | | | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|------|------|
| 1 Slot | Airflow, CFM | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | – | 18 | 22 | 26 | 29 | 32 |
| 2 Slot | Airflow, CFM | 160 | 240 | 320 | 400 | 480 | 560 | 640 | 720 | 800 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 15 | 21 | 25 | 29 | 32 | 35 |
| 3 Slot | Airflow, CFM | 240 | 360 | 480 | 600 | 720 | 840 | 960 | 1080 | 1200 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 17 | 23 | 27 | 31 | 34 | 37 |
| 4 Slot | Airflow, CFM | 320 | 480 | 640 | 800 | 960 | 1120 | 1280 | 1440 | 1600 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 18 | 24 | 28 | 32 | 35 | 38 |

PERFORMANCE DATA • MODEL SERIES 5600R

MODEL: 5675R(I)

3/4" (19) Slot • 24" (610) Long

| | | | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|------|------|
| 1 Slot | Airflow, CFM | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | – | 18 | 22 | 26 | 29 | 32 |
| 2 Slot | Airflow, CFM | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 15 | 21 | 25 | 29 | 32 | 35 |

3/4" (19) Slot • 48" (1219) Long

| | | | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|------|------|
| 1 Slot | Airflow, CFM | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | – | 18 | 22 | 26 | 29 | 32 |
| 2 Slot | Airflow, CFM | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 |
| | Negative Static Pressure | .010 | .021 | .038 | .059 | .085 | .116 | .152 | .192 | .238 |
| | Noise Criteria | – | – | – | 15 | 21 | 25 | 29 | 32 | 35 |

Performance Notes:

- Neg. Static Pressures is in inches w.g..
- Noise Criteria [NC] values based on 10 dB room absorption, re 10⁻¹² watts.
- Dash (–) in space indicates an Noise Criteria level of less than 15.
- Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70–2006.