

| Sound Power Spectrum : FWE16F(A/B)F(N/T/V)5V1-(-/R) |         |                                          |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|---------|------------------------------------------|------|------|------|------|------|------|------|------|------|
| ESP=0Pa                                             |         | Sound Power Spectrum (dB) : Whole casing |      |      |      |      |      |      |      |      |      |
| Fan Speed                                           |         | 5                                        |      | 4    |      | 3    |      | 2    |      | 1    |      |
|                                                     |         | H                                        |      | M    |      |      |      | L    |      |      |      |
| 1/3 Oct                                             | 1/1 Oct | 1/3                                      | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  |
| 100                                                 | 125     | 57.6                                     | 62.1 | 59.7 | 61.7 | 62.0 | 62.7 | 59.6 | 60.0 | 58.4 | 58.6 |
| 125                                                 |         | 56.2                                     |      | 53.8 |      | 50.8 |      | 45.5 |      | 40.3 |      |
| 160                                                 |         | 58.0                                     |      | 55.0 |      | 52.1 |      | 46.8 |      | 43.7 |      |
| 200                                                 | 250     | 57.1                                     | 65.3 | 54.6 | 61.7 | 51.9 | 59.6 | 48.7 | 53.2 | 39.5 | 45.9 |
| 250                                                 |         | 59.9                                     |      | 58.6 |      | 57.3 |      | 48.6 |      | 41.8 |      |
| 315                                                 |         | 62.7                                     |      | 56.8 |      | 53.2 |      | 48.0 |      | 41.6 |      |
| 400                                                 | 500     | 58.0                                     | 62.3 | 55.1 | 59.6 | 52.7 | 57.2 | 47.8 | 51.9 | 40.7 | 44.6 |
| 500                                                 |         | 58.1                                     |      | 55.6 |      | 53.2 |      | 47.8 |      | 40.6 |      |
| 630                                                 |         | 56.4                                     |      | 53.6 |      | 51.1 |      | 45.4 |      | 37.4 |      |
| 800                                                 | 1000    | 54.3                                     | 58.4 | 51.4 | 55.4 | 48.4 | 52.4 | 42.1 | 45.7 | 33.4 | 36.8 |
| 1000                                                |         | 54.6                                     |      | 51.6 |      | 48.6 |      | 41.7 |      | 32.7 |      |
| 1250                                                |         | 51.5                                     |      | 48.1 |      | 44.9 |      | 37.9 |      | 28.4 |      |
| 1600                                                | 2000    | 50.8                                     | 53.9 | 47.4 | 50.4 | 44.0 | 46.9 | 36.6 | 39.4 | 27.2 | 30.2 |
| 2000                                                |         | 49.0                                     |      | 45.4 |      | 42.0 |      | 34.7 |      | 26.5 |      |
| 2500                                                |         | 46.7                                     |      | 42.8 |      | 39.0 |      | 30.6 |      | 19.7 |      |
| 3150                                                | 4000    | 44.6                                     | 48.2 | 40.3 | 43.7 | 36.1 | 39.3 | 27.0 | 30.1 | 16.6 | 22.0 |
| 4000                                                |         | 43.4                                     |      | 38.9 |      | 34.4 |      | 25.0 |      | 17.2 |      |
| 5000                                                |         | 42.0                                     |      | 37.1 |      | 32.3 |      | 23.2 |      | 17.8 |      |
| 6300                                                | 8000    | 39.8                                     | 42.3 | 34.6 | 37.0 | 29.5 | 32.0 | 21.4 | 26.0 | 18.1 | 24.0 |
| 8000                                                |         | 37.2                                     |      | 31.7 |      | 26.7 |      | 20.7 |      | 18.8 |      |
| 10000                                               |         | 33.5                                     |      | 28.3 |      | 24.1 |      | 21.6 |      | 20.6 |      |
| dB(A)                                               |         | 64.0                                     |      | 60.8 |      | 58.1 |      | 52.1 |      | 45.4 |      |

| ESP=0Pa   |         | Sound Power Spectrum (dB) : Discharge |      |      |      |      |      |      |      |      |      |
|-----------|---------|---------------------------------------|------|------|------|------|------|------|------|------|------|
| Fan Speed |         | 5                                     |      | 4    |      | 3    |      | 2    |      | 1    |      |
|           |         | H                                     |      | M    |      |      |      | L    |      |      |      |
| 1/3 Oct   | 1/1 Oct | 1/3                                   | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  |
| 100       | 125     | 48.2                                  | 54.2 | 53.0 | 54.7 | 52.2 | 53.4 | 52.9 | 53.2 | 50.6 | 50.8 |
| 125       |         | 51.2                                  |      | 48.1 |      | 45.2 |      | 39.6 |      | 34.3 |      |
| 160       |         | 48.1                                  |      | 44.7 |      | 42.7 |      | 36.8 |      | 30.6 |      |
| 200       | 250     | 47.6                                  | 58.5 | 45.0 | 55.6 | 42.7 | 53.5 | 39.1 | 46.2 | 29.9 | 39.6 |
| 250       |         | 54.2                                  |      | 52.9 |      | 51.6 |      | 42.2 |      | 35.7 |      |
| 315       |         | 55.8                                  |      | 51.3 |      | 47.8 |      | 42.3 |      | 36.4 |      |
| 400       | 500     | 53.5                                  | 57.4 | 50.4 | 54.5 | 48.1 | 52.0 | 43.1 | 46.5 | 36.1 | 39.4 |
| 500       |         | 52.8                                  |      | 50.1 |      | 47.6 |      | 41.8 |      | 34.8 |      |
| 630       |         | 51.2                                  |      | 48.2 |      | 45.4 |      | 39.5 |      | 32.1 |      |
| 800       | 1000    | 49.2                                  | 54.2 | 46.0 | 50.9 | 43.0 | 47.8 | 36.7 | 41.2 | 28.8 | 32.9 |
| 1000      |         | 50.9                                  |      | 47.6 |      | 44.4 |      | 37.7 |      | 29.5 |      |
| 1250      |         | 47.6                                  |      | 44.1 |      | 41.0 |      | 34.1 |      | 25.1 |      |
| 1600      | 2000    | 47.8                                  | 50.7 | 44.2 | 47.0 | 41.0 | 43.7 | 33.7 | 36.2 | 24.5 | 27.0 |
| 2000      |         | 45.5                                  |      | 41.9 |      | 38.6 |      | 31.1 |      | 22.4 |      |
| 2500      |         | 43.5                                  |      | 39.4 |      | 35.7 |      | 27.1 |      | 16.3 |      |
| 3150      | 4000    | 40.8                                  | 44.7 | 36.3 | 39.9 | 32.0 | 35.4 | 22.6 | 25.9 | 12.7 | 17.9 |
| 4000      |         | 40.0                                  |      | 35.1 |      | 30.6 |      | 20.8 |      | 13.0 |      |
| 5000      |         | 38.7                                  |      | 33.4 |      | 28.6 |      | 19.2 |      | 13.5 |      |
| 6300      | 8000    | 36.6                                  | 38.9 | 30.9 | 33.0 | 25.6 | 27.9 | 16.9 | 21.1 | 13.2 | 18.7 |
| 8000      |         | 33.9                                  |      | 27.7 |      | 22.4 |      | 15.9 |      | 13.8 |      |
| 10000     |         | 28.6                                  |      | 22.6 |      | 18.8 |      | 16.2 |      | 14.7 |      |
| dB(A)     |         | 59.2                                  |      | 55.9 |      | 53.1 |      | 46.8 |      | 39.8 |      |

| ESP=0Pa   |         | Sound Power Spectrum (dB) : Inlet and casing |      |      |      |      |      |      |      |      |      |
|-----------|---------|----------------------------------------------|------|------|------|------|------|------|------|------|------|
| Fan Speed |         | 5                                            |      | 4    |      | 3    |      | 2    |      | 1    |      |
|           |         | H                                            |      | M    |      |      |      | L    |      |      |      |
| 1/3 Oct   | 1/1 Oct | 1/3                                          | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  | 1/3  | 1/1  |
| 100       | 125     | 57.0                                         | 61.3 | 58.7 | 60.8 | 61.5 | 62.2 | 58.6 | 59.0 | 57.6 | 57.8 |
| 125       |         | 54.6                                         |      | 52.4 |      | 49.4 |      | 44.2 |      | 39.0 |      |
| 160       |         | 57.5                                         |      | 54.6 |      | 51.6 |      | 46.3 |      | 43.5 |      |
| 200       | 250     | 56.6                                         | 64.2 | 54.1 | 60.5 | 51.4 | 58.3 | 48.2 | 52.2 | 39.0 | 44.7 |
| 250       |         | 58.5                                         |      | 57.3 |      | 55.9 |      | 47.5 |      | 40.6 |      |
| 315       |         | 61.8                                         |      | 55.3 |      | 51.8 |      | 46.6 |      | 40.0 |      |
| 400       | 500     | 56.1                                         | 60.7 | 53.3 | 58.0 | 50.8 | 55.6 | 46.0 | 50.4 | 38.8 | 43.0 |
| 500       |         | 56.6                                         |      | 54.1 |      | 51.8 |      | 46.5 |      | 39.3 |      |
| 630       |         | 54.8                                         |      | 52.2 |      | 49.7 |      | 44.1 |      | 36.0 |      |
| 800       | 1000    | 52.7                                         | 56.4 | 49.9 | 53.5 | 46.9 | 50.5 | 40.7 | 43.8 | 31.6 | 34.5 |
| 1000      |         | 52.2                                         |      | 49.4 |      | 46.5 |      | 39.4 |      | 29.9 |      |
| 1250      |         | 49.2                                         |      | 45.9 |      | 42.7 |      | 35.6 |      | 25.7 |      |
| 1600      | 2000    | 47.9                                         | 51.1 | 44.5 | 47.6 | 41.1 | 44.1 | 33.5 | 36.6 | 23.7 | 27.5 |
| 2000      |         | 46.4                                         |      | 42.9 |      | 39.3 |      | 32.2 |      | 24.3 |      |
| 2500      |         | 43.9                                         |      | 40.2 |      | 36.3 |      | 28.0 |      | 17.1 |      |
| 3150      | 4000    | 42.2                                         | 45.7 | 38.1 | 41.4 | 33.9 | 37.1 | 25.0 | 28.1 | 14.3 | 19.9 |
| 4000      |         | 40.8                                         |      | 36.6 |      | 32.1 |      | 22.9 |      | 15.1 |      |
| 5000      |         | 39.3                                         |      | 34.6 |      | 29.9 |      | 21.1 |      | 15.9 |      |
| 6300      | 8000    | 37.0                                         | 39.7 | 32.2 | 34.8 | 27.2 | 30.0 | 19.6 | 24.3 | 16.3 | 22.5 |
| 8000      |         | 34.6                                         |      | 29.5 |      | 24.6 |      | 19.0 |      | 17.1 |      |
| 10000     |         | 31.9                                         |      | 26.9 |      | 22.5 |      | 20.1 |      | 19.3 |      |
| dB(A)     |         | 62.3                                         |      | 59.0 |      | 56.5 |      | 50.6 |      | 44.0 |      |