

| Briza-22 02/03 (120V) - BABC.05505522, BABW.05505522, BABC.05507522, BABW.05507522 |                                 |     |     |     |      |      |      |      |                    |                       |
|------------------------------------------------------------------------------------|---------------------------------|-----|-----|-----|------|------|------|------|--------------------|-----------------------|
|                                                                                    | Sound Power Level, dB Ref. 1 pW |     |     |     |      |      |      |      | Sound Power<br>dBA | Sound Pressure<br>dBA |
| Fan Speed                                                                          | Octave Band Frequency           |     |     |     |      |      |      |      |                    |                       |
| %                                                                                  | 63                              | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |                    |                       |
| Inlet                                                                              |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                                                                | 64                              | 50  | 50  | 46  | 39   | 35   | 26   | 25   | 47                 | 37                    |
| 75                                                                                 | 61                              | 48  | 47  | 40  | 32   | 27   | 20   | 23   | 43                 | 33                    |
| 50                                                                                 | 61                              | 44  | 40  | 32  | 23   | 18   | 18   | 23   | 38                 | 28                    |
| Discharge                                                                          |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                                                                | 68                              | 46  | 51  | 47  | 40   | 33   | 25   | 25   | 48                 | 38                    |
| 75                                                                                 | 66                              | 42  | 44  | 42  | 33   | 25   | 19   | 23   | 44                 | 34                    |
| 50                                                                                 | 65                              | 37  | 39  | 35  | 23   | 16   | 19   | 23   | 40                 | 30                    |
| Casing Radiated                                                                    |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                                                                | 49                              | 43  | 41  | 34  | 29   | 25   | 22   | 26   | 37                 | 27                    |
| 75                                                                                 | 48                              | 41  | 36  | 29  | 22   | 16   | 19   | 26   | 33                 | 23                    |
| 50                                                                                 | 46                              | 32  | 33  | 23  | 15   | 13   | 19   | 25   | 30                 | 20                    |

| Briza-22 04 (120V) - BABC.05509522, BABW.05509522 |                                 |     |     |     |      |      |      |      |                    |                       |
|---------------------------------------------------|---------------------------------|-----|-----|-----|------|------|------|------|--------------------|-----------------------|
|                                                   | Sound Power Level, dB Ref. 1 pW |     |     |     |      |      |      |      | Sound Power<br>dBA | Sound Pressure<br>dBA |
| Fan Speed                                         | Octave Band Frequency           |     |     |     |      |      |      |      |                    |                       |
| %                                                 | 63                              | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |                    |                       |
| Inlet                                             |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                               | 63                              | 40  | 52  | 46  | 37   | 31   | 24   | 24   | 47                 | 37                    |
| 75                                                | 55                              | 45  | 45  | 40  | 30   | 25   | 19   | 23   | 41                 | 31                    |
| 50                                                | 54                              | 40  | 40  | 34  | 23   | 17   | 18   | 22   | 36                 | 26                    |
| Discharge                                         |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                               | 64                              | 47  | 52  | 45  | 40   | 32   | 24   | 19   | 48                 | 38                    |
| 75                                                | 64                              | 41  | 44  | 38  | 32   | 23   | 17   | 19   | 42                 | 32                    |
| 50                                                | 63                              | 36  | 37  | 31  | 23   | 16   | 17   | 18   | 38                 | 28                    |
| Casing Radiated                                   |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                               | 55                              | 42  | 39  | 34  | 29   | 29   | 27   | 27   | 38                 | 28                    |
| 75                                                | 53                              | 37  | 36  | 30  | 23   | 21   | 22   | 27   | 34                 | 24                    |
| 50                                                | 52                              | 33  | 33  | 23  | 15   | 14   | 23   | 26   | 32                 | 22                    |

| Briza-22/26 06 (120V) - BABC.05512522, BABW.05512522, BBBC.05612526, BBBW.05612526 |                                 |     |     |     |      |      |      |      |                    |                       |
|------------------------------------------------------------------------------------|---------------------------------|-----|-----|-----|------|------|------|------|--------------------|-----------------------|
|                                                                                    | Sound Power Level, dB Ref. 1 pW |     |     |     |      |      |      |      | Sound Power<br>dBA | Sound Pressure<br>dBA |
| Fan Speed                                                                          | Octave Band Frequency           |     |     |     |      |      |      |      |                    |                       |
| %                                                                                  | 63                              | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |                    |                       |
| Inlet                                                                              |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                                                                | 59                              | 53  | 61  | 57  | 50   | 43   | 36   | 24   | 57                 | 47                    |
| 75                                                                                 | 59                              | 50  | 55  | 52  | 43   | 36   | 23   | 21   | 52                 | 42                    |
| 50                                                                                 | 58                              | 43  | 50  | 44  | 36   | 26   | 21   | 21   | 45                 | 35                    |
| Discharge                                                                          |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                                                                | 64                              | 55  | 60  | 57  | 52   | 46   | 36   | 24   | 58                 | 48                    |
| 75                                                                                 | 63                              | 48  | 53  | 50  | 44   | 36   | 28   | 24   | 51                 | 41                    |
| 50                                                                                 | 63                              | 44  | 47  | 44  | 35   | 28   | 20   | 23   | 45                 | 35                    |
| Casing Radiated                                                                    |                                 |     |     |     |      |      |      |      |                    |                       |
| 100                                                                                | 50                              | 47  | 50  | 42  | 38   | 38   | 30   | 25   | 46                 | 36                    |
| 75                                                                                 | 50                              | 42  | 44  | 37  | 31   | 28   | 21   | 25   | 40                 | 30                    |
| 50                                                                                 | 46                              | 37  | 37  | 32  | 24   | 17   | 21   | 24   | 34                 | 24                    |

**Briza-22/26 08 (120V) - BABC.05515522, BABW.05515522, BBBC.05615526, BBBW.05615526**

|                 | Sound Power Level, dB Ref. 1 pW |     |     |     |      |      |      |      | Sound Power dBA | Sound Pressure dBA |
|-----------------|---------------------------------|-----|-----|-----|------|------|------|------|-----------------|--------------------|
| Fan Speed       | Octave Band Frequency           |     |     |     |      |      |      |      |                 |                    |
| %               | 63                              | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |                 |                    |
| Inlet           |                                 |     |     |     |      |      |      |      |                 |                    |
| 100             | 59                              | 50  | 55  | 49  | 42   | 36   | 28   | 24   | 50              | 40                 |
| 75              | 58                              | 49  | 51  | 47  | 37   | 30   | 22   | 20   | 47              | 37                 |
| 50              | 58                              | 41  | 44  | 38  | 27   | 21   | 16   | 19   | 40              | 30                 |
| Discharge       |                                 |     |     |     |      |      |      |      |                 |                    |
| 100             | 63                              | 49  | 52  | 49  | 42   | 34   | 25   | 19   | 49              | 39                 |
| 75              | 62                              | 45  | 49  | 45  | 38   | 29   | 20   | 19   | 46              | 36                 |
| 50              | 61                              | 40  | 40  | 36  | 27   | 18   | 16   | 18   | 39              | 29                 |
| Casing Radiated |                                 |     |     |     |      |      |      |      |                 |                    |
| 100             | 52                              | 41  | 43  | 39  | 33   | 28   | 24   | 26   | 40              | 30                 |
| 75              | 50                              | 41  | 41  | 36  | 28   | 23   | 19   | 25   | 37              | 27                 |
| 50              | 49                              | 37  | 34  | 27  | 18   | 15   | 18   | 25   | 31              | 21                 |

**Briza-22/26 10 (120V) - BABC.05519022, BABW.05519022, BBBC.05619026, BBBW.05619026**

|                 | Sound Power Level, dB Ref. 1 pW |     |     |     |      |      |      |      | Sound Power<br>dBA | Sound Pressure<br>dBA |
|-----------------|---------------------------------|-----|-----|-----|------|------|------|------|--------------------|-----------------------|
| Fan Speed       | Octave Band Frequency           |     |     |     |      |      |      |      |                    |                       |
| %               | 63                              | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |                    |                       |
| Inlet           |                                 |     |     |     |      |      |      |      |                    |                       |
| 100             | 58                              | 53  | 59  | 56  | 51   | 47   | 36   | 24   | 57                 | 47                    |
| 75              | 56                              | 48  | 53  | 48  | 41   | 36   | 26   | 20   | 49                 | 39                    |
| 50              | 55                              | 43  | 46  | 43  | 34   | 29   | 20   | 20   | 43                 | 33                    |
| Discharge       |                                 |     |     |     |      |      |      |      |                    |                       |
| 100             | 61                              | 49  | 55  | 53  | 52   | 45   | 34   | 26   | 55                 | 45                    |
| 75              | 60                              | 44  | 49  | 47  | 44   | 36   | 26   | 23   | 48                 | 38                    |
| 50              | 59                              | 40  | 43  | 43  | 38   | 30   | 21   | 23   | 44                 | 34                    |
| Casing Radiated |                                 |     |     |     |      |      |      |      |                    |                       |
| 100             | 50                              | 45  | 50  | 46  | 42   | 32   | 22   | 25   | 47                 | 37                    |
| 75              | 45                              | 39  | 45  | 40  | 35   | 25   | 18   | 23   | 41                 | 31                    |
| 50              | 43                              | 39  | 41  | 34  | 29   | 19   | 17   | 21   | 36                 | 26                    |

Ref: AHRI 260-2017, AHRI220-2014

**Generated Sound Correction Rules**

$\Delta L = LP(GN) - LP(BN)$

If:  $\Delta L \geq 15$ ,  $K_1 = 0$

**for 315Hz and below, and 6300Hz and Above, Use Eq. 14**

"\*"  
 $6 \leq \Delta L < 15$ ,  $K_1 = \text{use Eq. 14}$

"\*\*"  
 $\Delta L < 6$ ,  $K_1 = 1.26$  and clearly stated in the upper bounds to the PWL

**for 400 - 5000 Hz**

"\*"  
 $10 \leq \Delta L < 15$ ,  $K_1 = \text{use Eq. 14}$

"\*\*"  
 $\Delta L < 10$ ,  $K_1 = 0.46$  and clearly stated in the upper bounds to the PWL