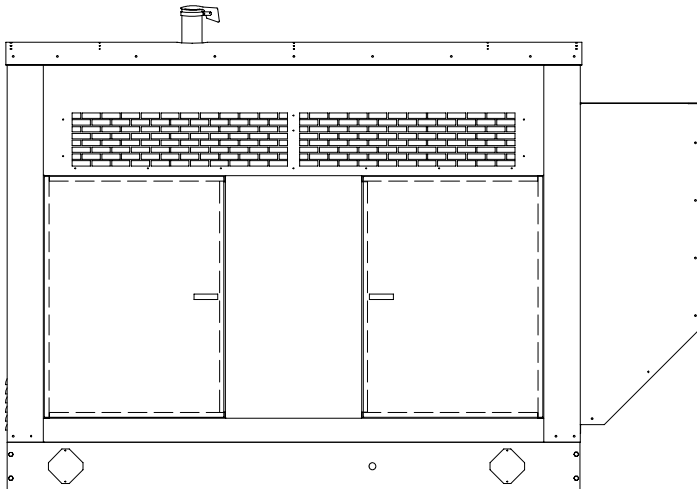


**Weather Enclosure**



**Sound Enclosure**

**Applicable to the following:**

**30-125RZG**

**25/30/50/150RZGB**

Kohler enclosures protect stationary generator sets from the elements, animal intrusion, and unwanted entry. The enclosure design allows ample air ensuring optimum generator set performance.

Kohler Co. prototype-tests the generator set inside the enclosure for performance. See the generator set specification sheet for generator set ratings and temperature and altitude derates.

**Weather Enclosure Standard Features**

- Enclosed insulated critical silencer with tailpipe and rain cap.
- Skid-mounted, fully corrosion-resistant material construction with hinged and removable doors.
- Steel or aluminum construction with hinged and removable doors. Aluminum enclosures recommended for high humidity and/or high salt/coastal regions.
- Fade-, scratch-, and corrosion-resistant Kohler® cream beige and black powder-baked finish.
- Hinged and removable doors.
- Lockable, flush-mounted door latches.
- Automatic door holders.
- Air inlet louvers and baffles to minimize rain and snow entry.
- Pitched enclosure roof to minimize water accumulation.

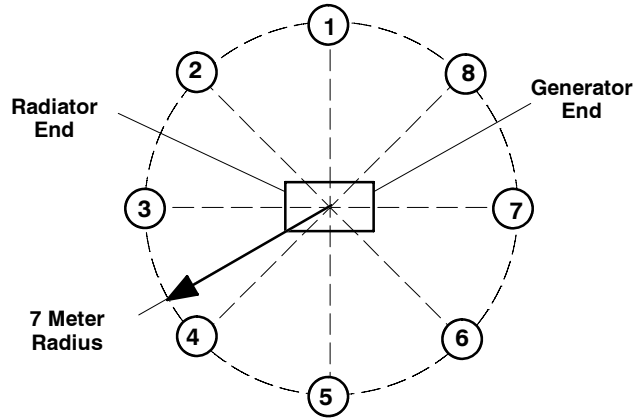
**Sound Enclosure Standard Features**

- Includes all of the weather enclosure features.
- Vertical outlet hoods with 90° angles to redirect air and reduce noise.
- Acoustic insulation meeting UL 94 HF1 flammability classification.

## Sound Enclosure Data

### Sound Data for Generator Sets Operating Inside a Sound Enclosure Measurement Positions and Distances for Data

Microphone Positions: (1-8) as shown  
 Microphone Distance: 7 m (23 ft.)  
 (from center of enclosure)  
 Microphone Height: 1 m (3.28 ft.)  
 Data Measured in: dB(A), sound pressure  
 (Re: 20 $\mu$ Pa)



**Note:** Measurements taken with the generator set operating at full load.

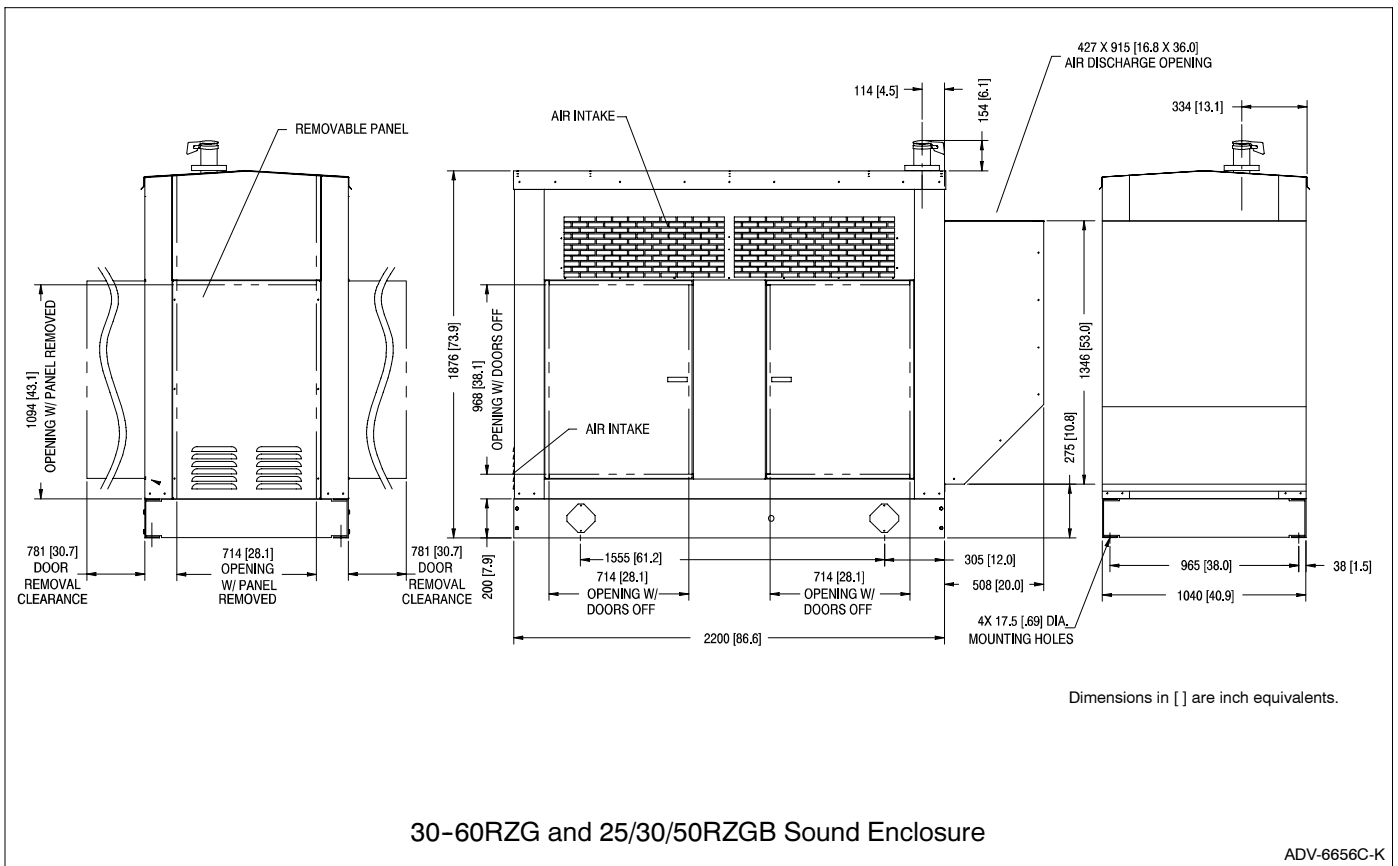
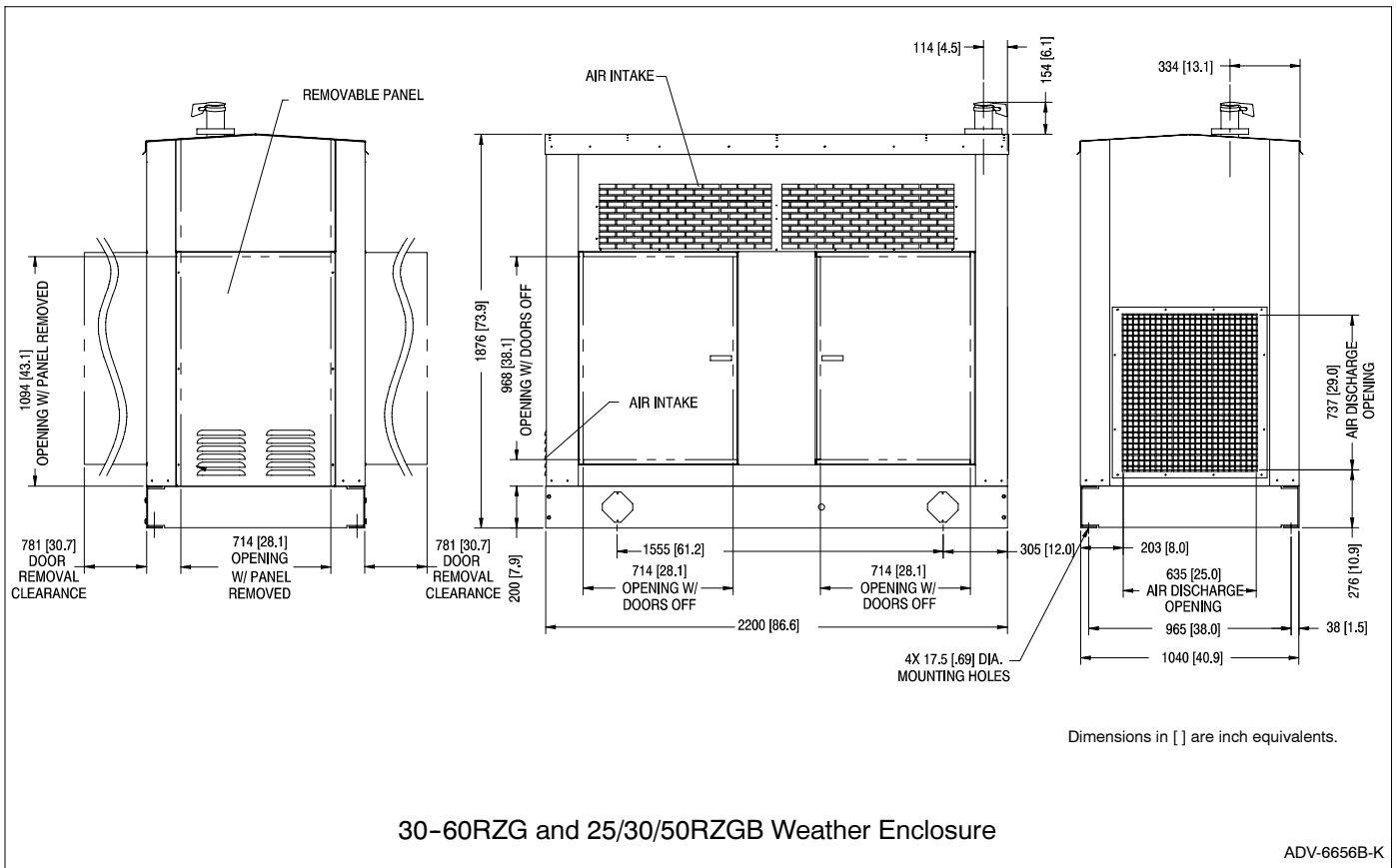
### Sound Data in dB(A)

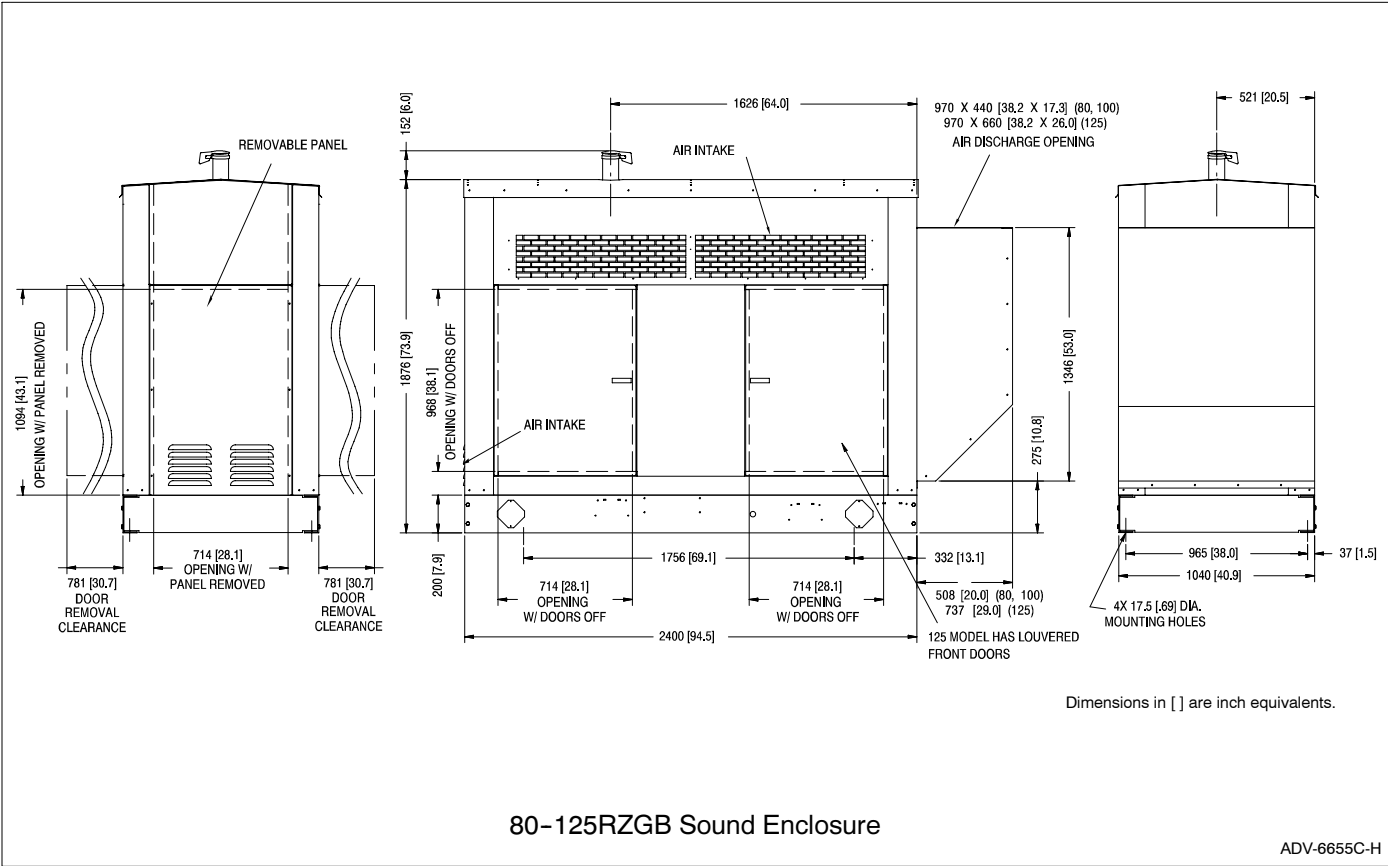
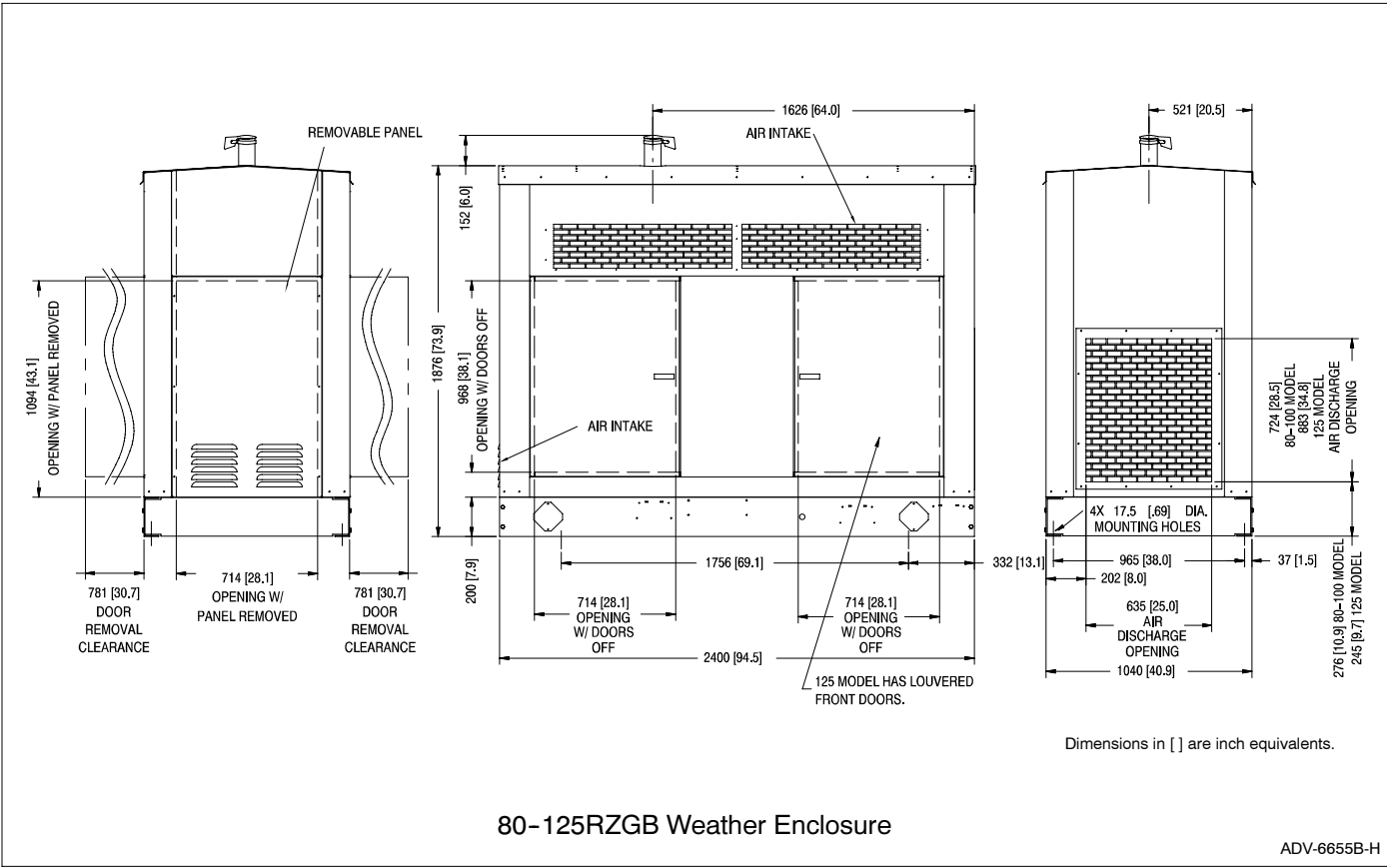
| Models  | Hz  | Microphone Positions |    |    |    |    |    |    |    | Average | Log Average |
|---------|-----|----------------------|----|----|----|----|----|----|----|---------|-------------|
|         |     | 1                    | 2  | 3  | 4  | 5  | 6  | 7  | 8  |         |             |
| 25RZGB  | 60* | 70                   | 71 | 72 | 72 | 70 | 70 | 70 | 69 | 70.5    | 70.6        |
| 30RZG   | 60* | 70                   | 71 | 72 | 72 | 70 | 70 | 70 | 69 | 70.5    | 70.6        |
| 30RZG   | 50* | 68                   | 69 | 68 | 70 | 69 | 69 | 68 | 68 | 68.6    | 68.7        |
| 30RZGB  | 60* | 70                   | 71 | 72 | 72 | 70 | 70 | 70 | 69 | 70.5    | 70.6        |
| 35RZG   | 60  | 70                   | 71 | 73 | 72 | 70 | 70 | 70 | 69 | 70.6    | 70.8        |
| 35RZG   | 50  | 68                   | 69 | 68 | 70 | 69 | 69 | 68 | 68 | 68.6    | 68.7        |
| 45RZG   | 60  | 71                   | 71 | 73 | 72 | 70 | 70 | 70 | 69 | 70.8    | 70.9        |
| 45RZG   | 50  | 69                   | 69 | 69 | 70 | 69 | 71 | 68 | 68 | 69.1    | 69.2        |
| 50RZG   | 60  | 71                   | 71 | 74 | 72 | 71 | 71 | 70 | 70 | 71.3    | 71.4        |
| 50RZG   | 50  | 69                   | 69 | 69 | 70 | 68 | 71 | 70 | 69 | 69.4    | 69.5        |
| 50RZGB  | 60* | 71                   | 71 | 74 | 72 | 71 | 71 | 70 | 70 | 71.3    | 71.4        |
| 50RZGB  | 50* | 69                   | 69 | 69 | 70 | 68 | 71 | 70 | 69 | 69.4    | 69.5        |
| 60RZG   | 60  | 72                   | 72 | 74 | 73 | 72 | 71 | 72 | 71 | 72.1    | 72.2        |
| 60RZG   | 50  | 70                   | 69 | 69 | 71 | 69 | 71 | 70 | 69 | 69.8    | 69.8        |
| 80RZG   | 60  | 74                   | 75 | 79 | 76 | 74 | 75 | 74 | 74 | 75.1    | 75.5        |
| 80RZG   | 50  | 72                   | 72 | 72 | 72 | 71 | 73 | 71 | 72 | 71.9    | 71.9        |
| 100RZG  | 60  | 74                   | 75 | 79 | 76 | 74 | 75 | 74 | 74 | 75.1    | 75.5        |
| 100RZG  | 50  | 72                   | 72 | 72 | 72 | 72 | 73 | 72 | 72 | 72.1    | 72.1        |
| 125RZG  | 60  | 75                   | 75 | 76 | 76 | 76 | 77 | 77 | 77 | 76.1    | 76.2        |
| 125RZG  | 50  | 74                   | 73 | 73 | 73 | 72 | 73 | 74 | 75 | 73.4    | 73.5        |
| 150RZGB | 60  | 72                   | 73 | 75 | 73 | 72 | 73 | 74 | 74 | 73.3    | 73.4        |

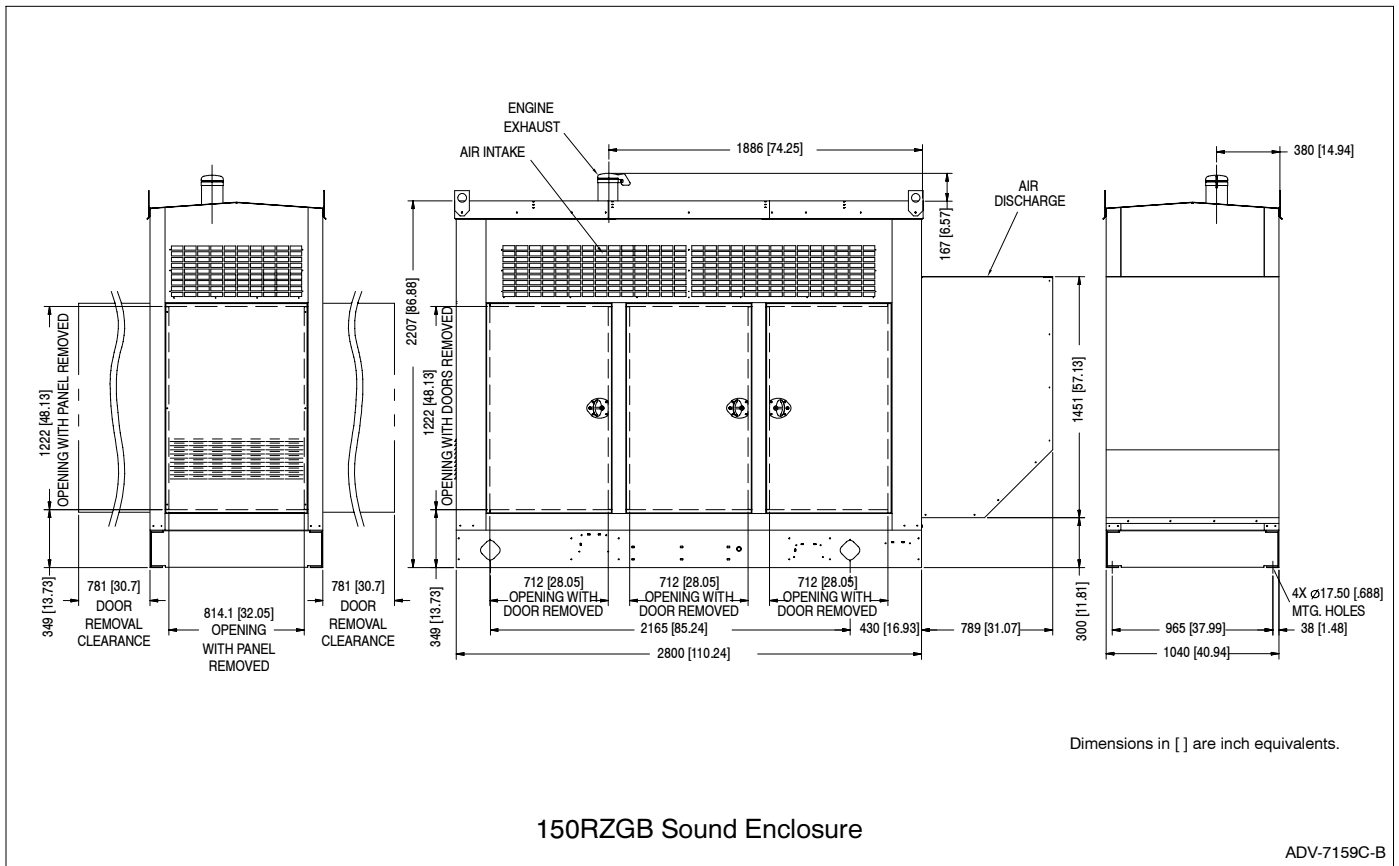
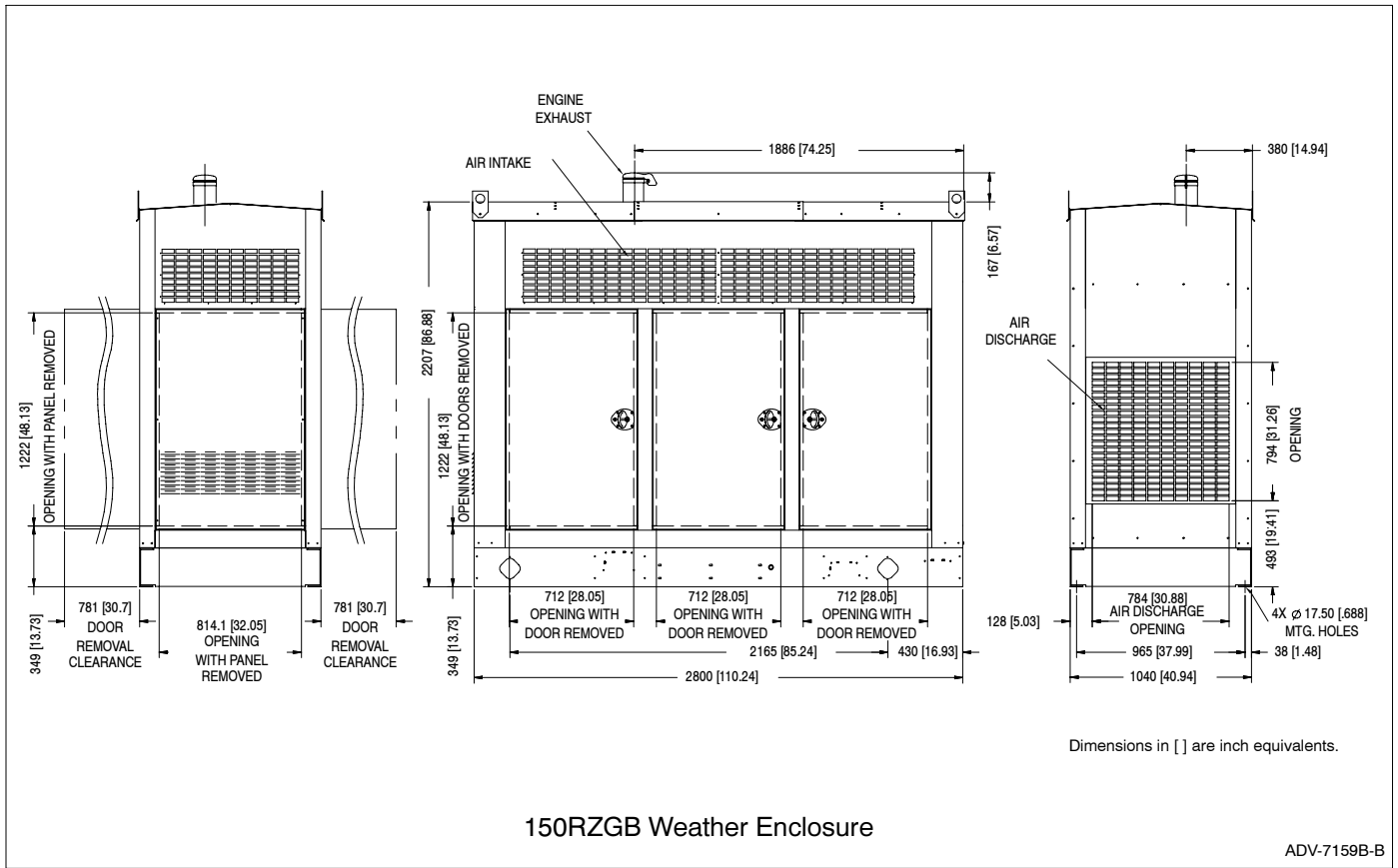
\* Estimated values

### Weather and Sound Enclosure Weights

| Model | Alternator          | Weather Enclosure                                 |                               |   |                               | Sound Enclosure                                   |                               |   |                               |             |             |
|-------|---------------------|---|-------------------------------|---|-------------------------------|---|-------------------------------|---|-------------------------------|-------------|-------------|
|       |                     | Steel Housing                                     |                               | Aluminum Housing                                  |                               | Steel Housing                                     |                               | Aluminum Housing                                  |                               |             |             |
|       |                     | Generator Set Weight (Wet) with Housing, kg (lb.) | Housing Only Weight, kg (lb.) | Generator Set Weight (Wet) with Housing, kg (lb.) | Housing Only Weight, kg (lb.) | Generator Set Weight (Wet) with Housing, kg (lb.) | Housing Only Weight, kg (lb.) | Generator Set Weight (Wet) with Housing, kg (lb.) | Housing Only Weight, kg (lb.) |             |             |
| 25B   | All                 | 793 (1745)  | 284 (625)                     | 657 (1445)  | 147 (325)                     | 852 (1875)  | 343 (755)                     | 702 (1545)  | 193 (425)                     |             |             |
| 30B   | 4P5W/4P5            | 816 (1795)  |                               | 680 (1495)  |                               | 875 (1925)  |                               | 725 (1595)  |                               |             |             |
| 30B   | 4P7BW/4P7B          | 857 (1885)  |                               | 720 (1585)  |                               | 916 (2015)  |                               | 766 (1685)  |                               |             |             |
| 30    | All                 | 841 (1850)  |                               | 703 (1550)  |                               | 900 (1980)  |                               | 748 (1650)  |                               |             |             |
| 35    | All                 | 850 (1871)  |                               | 714 (1571)  |                               | 910 (2001)  |                               | 758 (1671)  |                               |             |             |
| 45    | 4P7BW/4P7B          | 887 (1951)  |                               | 749 (1651)  |                               | 946 (2081)  |                               | 794 (1751)  |                               |             |             |
| 45    | 4P8W/4P8/4Q10W/4Q10 | 903 (1986)  |                               | 765 (1686)  |                               | 962 (2116)  |                               | 810 (1786)  |                               |             |             |
| 50B   | All                 | 998 (2195)  |                               | 860 (1895)  |                               | 1057 (2325)                                       |                               | 905 (1995)  |                               |             |             |
| 60    | 4P10Q/ 4P10         | 1041 (2290)                                       |                               | 903 (1990)  |                               | 1100 (2420)                                       |                               | 948 (2090)  |                               |             |             |
| 60    | 4S7W/4S7/4V7W/4V7   | 1099 (2418)                                       |                               | 961 (2118)  |                               | 1158 (2548)                                       |                               | 1006 (2218)                                       |                               |             |             |
| 80    | All                 | 1407 (3095)                                       | 305 (670)                     | 1259 (2775)                                       | 159 (350)                     | 1466 (3225)                                       | 364 (800)                     | 1315 (2900)                                       | 215 (475)                     |             |             |
| 100   | All                 |   |                               |   |                               |   |                               | 1293 (2850)                                       |                               | 1500 (3300) | 1349 (2975) |
| 125   | All                 |   |                               |   |                               |   |                               | 1441 (3170)                                       |                               | 1996 (4400) | —           |
| 150   | All                 | 1846 (4070)                                       | 417 (920)                     | —   | —                             | 567 (1250)  | —                             | —   |                               |             |             |







KOHLER CO., Kohler, Wisconsin 53044 USA  
Phone 920-565-3381, Fax 920-459-1646  
For the nearest sales and service outlet in the  
US and Canada, phone 1-800-544-2444  
KohlerPower.com

Kohler Power Systems  
Asia Pacific Headquarters  
7 Jurong Pier Road  
Singapore 619159  
Phone (65) 6264-6422, Fax (65) 6264-6455

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