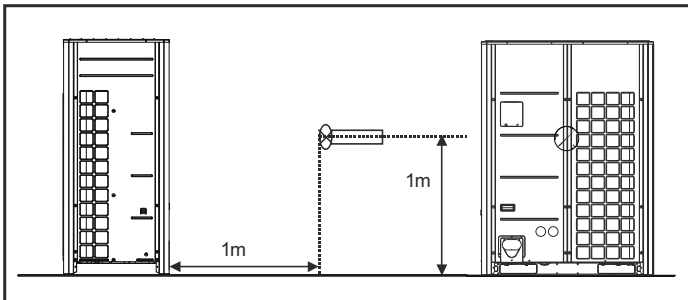


## 10. Sound Levels

### 10.1 Sound Pressure Level


**Note**

- Data is valid at free field condition
- Data is valid at nominal operating condition
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed
- Sound level can be increased in static pressure mode or used air guide.

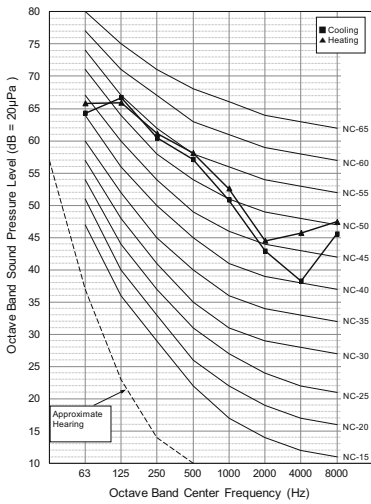
Unit: dB(A)

| Model       | Cooling | Heating |
|-------------|---------|---------|
| ARUM080LTE5 | 58.0    | 59.0    |
| ARUM100LTE5 | 58.0    | 59.0    |
| ARUM120LTE5 | 59.0    | 60.0    |
| ARUM140LTE5 | 60.0    | 61.0    |
| ARUM160LTE5 | 60.5    | 61.5    |
| ARUM180LTE5 | 61.0    | 62.0    |
| ARUM200LTE5 | 62.0    | 64.5    |
| ARUM220LTE5 | 64.5    | 65.5    |
| ARUM240LTE5 | 65.0    | 67.0    |
| ARUM260LTE5 | 65.0    | 67.0    |
| ARUM221LTE5 | 61.5    | 62.5    |
| ARUM241LTE5 | 62.0    | 63.0    |
| ARUM261LTE5 | 62.5    | 63.5    |
| ARUM280LTE5 | 62.8    | 63.8    |
| ARUM300LTE5 | 63.1    | 64.1    |
| ARUM320LTE5 | 63.8    | 65.8    |
| ARUM340LTE5 | 65.6    | 66.6    |
| ARUM360LTE5 | 66.0    | 67.8    |
| ARUM380LTE5 | 66.2    | 68.0    |
| ARUM400LTE5 | 66.3    | 68.1    |
| ARUM420LTE5 | 66.5    | 68.2    |
| ARUM440LTE5 | 66.8    | 68.9    |
| ARUM460LTE5 | 67.8    | 69.3    |
| ARUM480LTE5 | 68.0    | 70.0    |
| ARUM500LTE5 | 67.0    | 68.6    |
| ARUM520LTE5 | 67.1    | 68.7    |
| ARUM540LTE5 | 67.2    | 68.8    |
| ARUM560LTE5 | 67.4    | 69.5    |
| ARUM580LTE5 | 68.3    | 69.8    |
| ARUM600LTE5 | 68.5    | 70.4    |
| ARUM620LTE5 | 68.6    | 70.5    |
| ARUM640LTE5 | 68.7    | 70.6    |
| ARUM660LTE5 | 68.8    | 70.6    |
| ARUM680LTE5 | 69.0    | 71.1    |
| ARUM700LTE5 | 69.6    | 71.3    |
| ARUM720LTE5 | 69.8    | 71.8    |
| ARUM740LTE5 | 69.1    | 70.9    |
| ARUM760LTE5 | 69.2    | 70.9    |

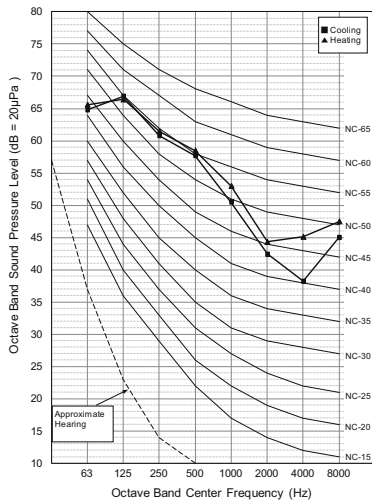
# 10. Sound Levels

| Model       | Cooling | Heating |
|-------------|---------|---------|
| ARUM780LTE5 | 69.2    | 71.0    |
| ARUM800LTE5 | 69.4    | 71.4    |
| ARUM820LTE5 | 70.0    | 71.6    |
| ARUM840LTE5 | 70.1    | 72.1    |
| ARUM860LTE5 | 70.2    | 72.1    |
| ARUM880LTE5 | 70.3    | 72.2    |
| ARUM900LTE5 | 70.3    | 72.2    |
| ARUM920LTE5 | 70.4    | 72.5    |
| ARUM940LTE5 | 70.9    | 72.7    |
| ARUM960LTE5 | 71.0    | 73.0    |

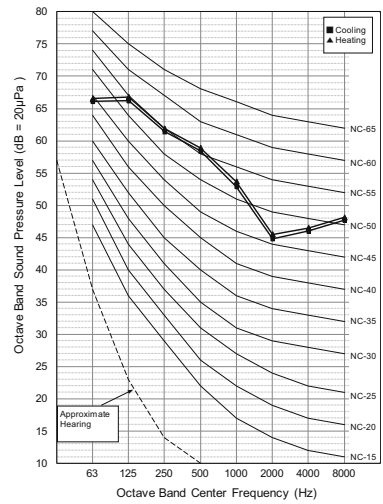
**ARUM080LTE5**



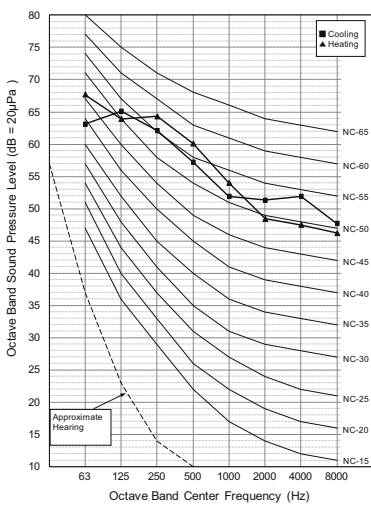
**ARUM100LTE5**



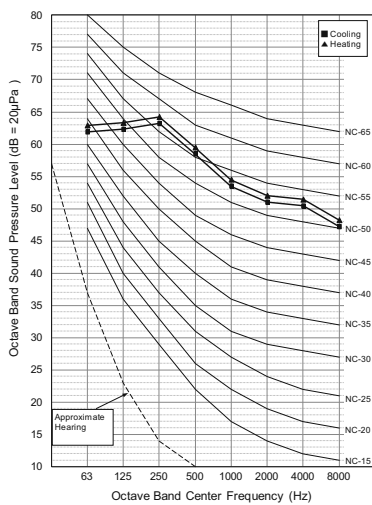
**ARUM120LTE5**



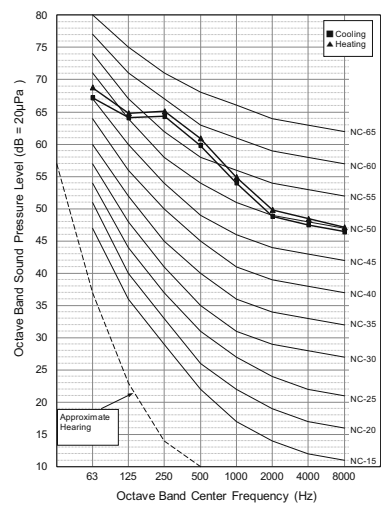
**ARUM140LTE5**



**ARUM160LTE5**

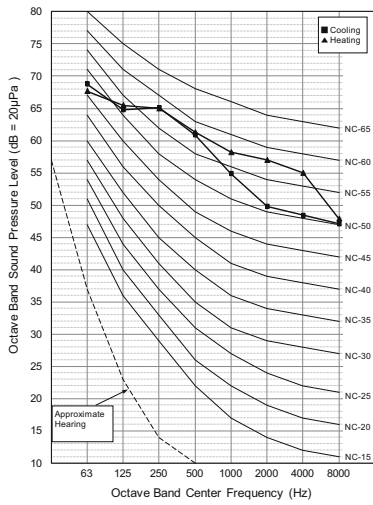


**ARUM180LTE5**

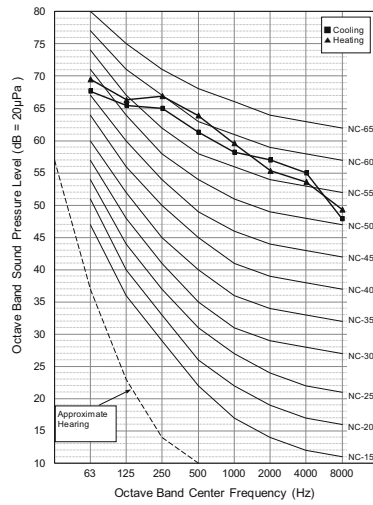


# 10. Sound Levels

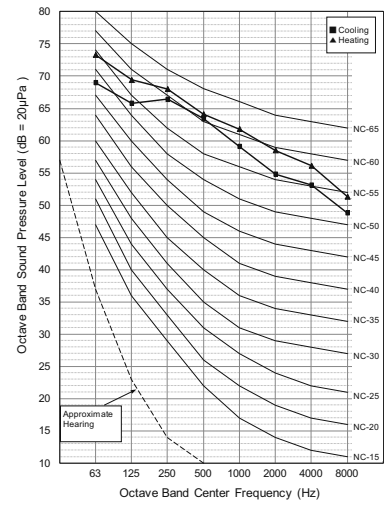
**ARUM200LTE5**



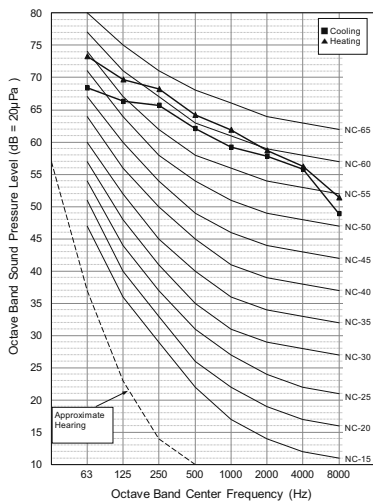
**ARUM220LTE5**



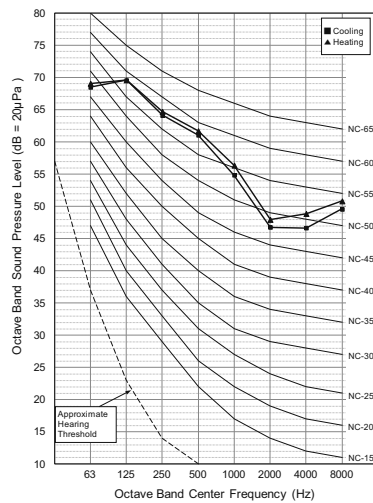
**ARUM240LTE5**



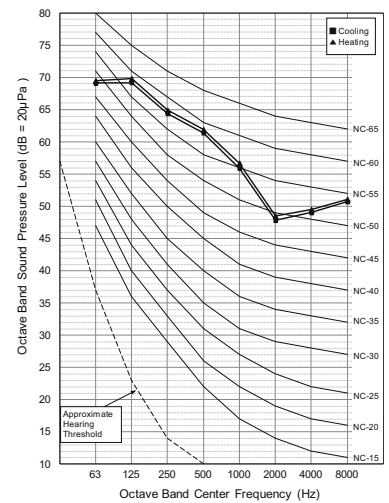
**ARUM260LTE5**



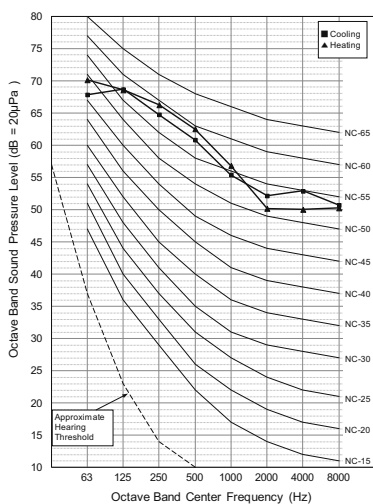
**ARUM221LTE5**



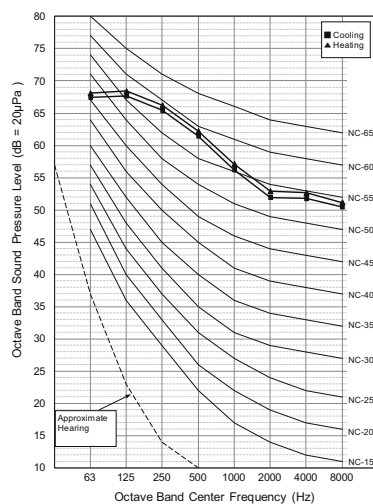
**ARUM241LTE5**



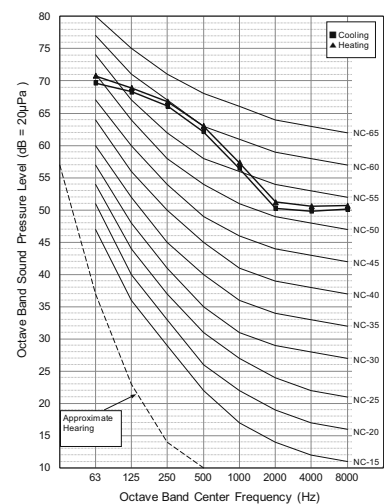
**ARUM261LTE5**



**ARUM280LTE5**

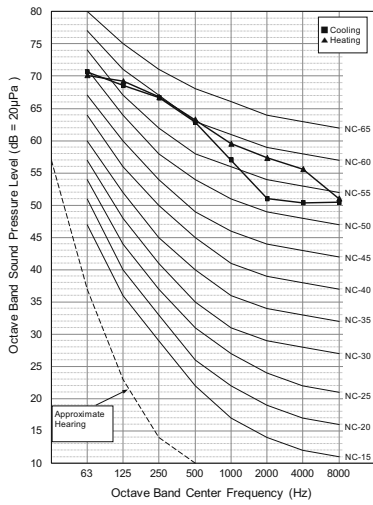


**ARUM300LTE5**

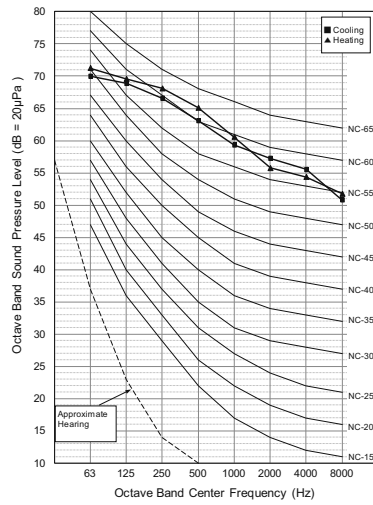


# 10. Sound Levels

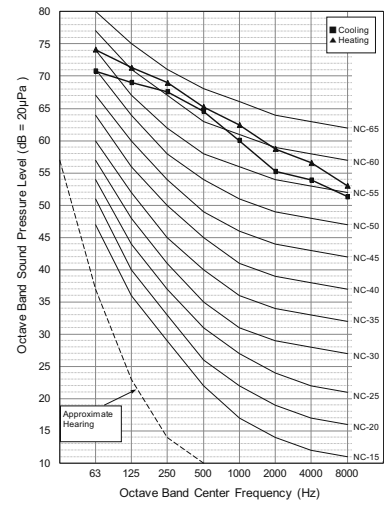
**ARUM320LTE5**



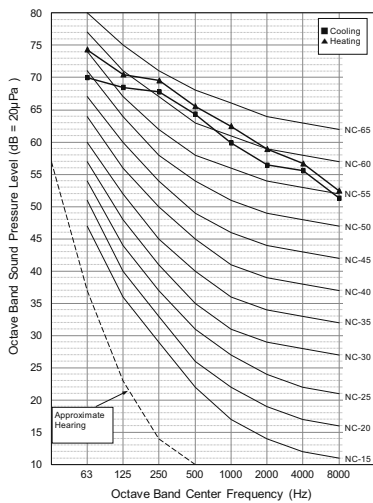
**ARUM340LTE5**



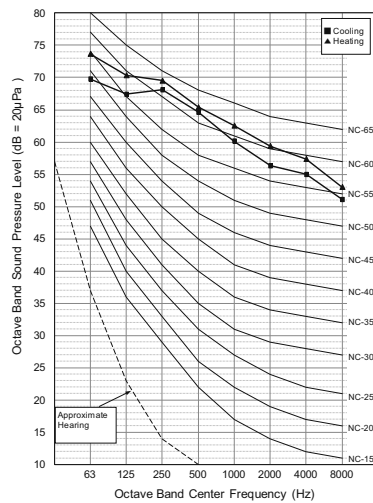
**ARUM360LTE5**



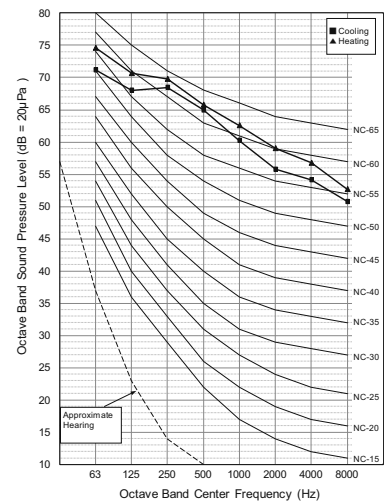
**ARUM380LTE5**



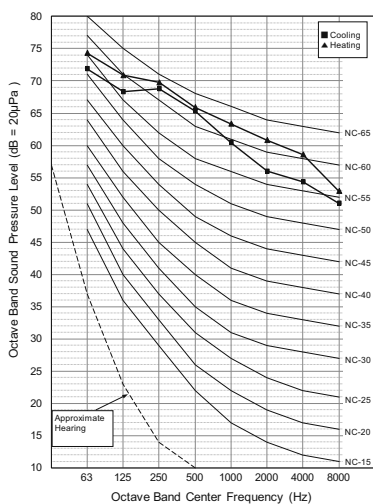
**ARUM400LTE5**



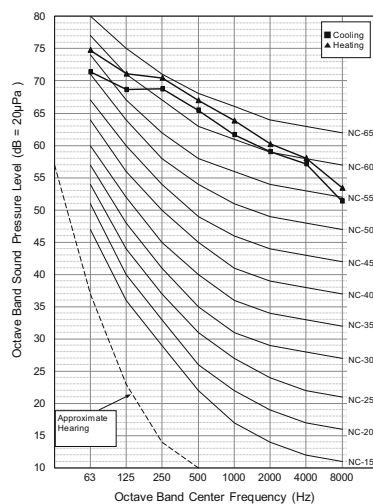
**ARUM420LTE5**



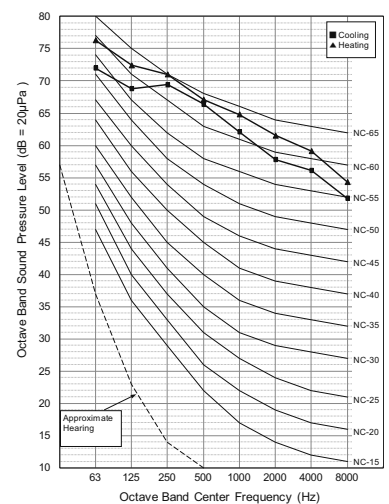
**ARUM440LTE5**



**ARUM460LTE5**



**ARUM480LTE5**

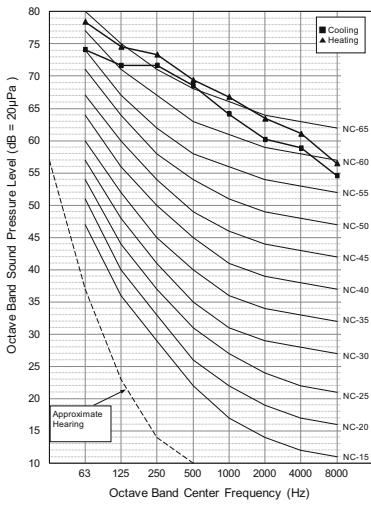




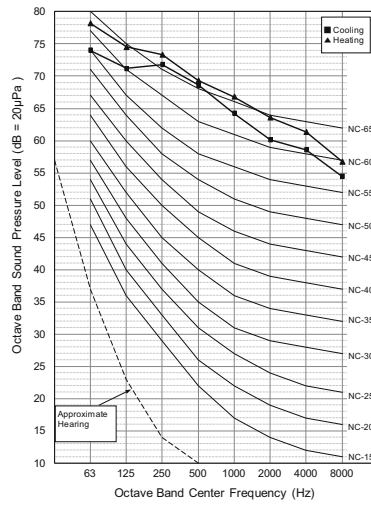


# 10. Sound Levels

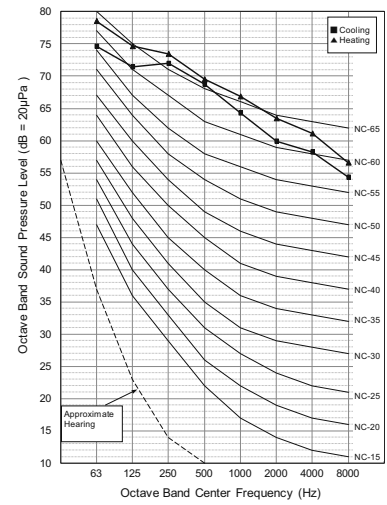
**ARUM860LTE5**



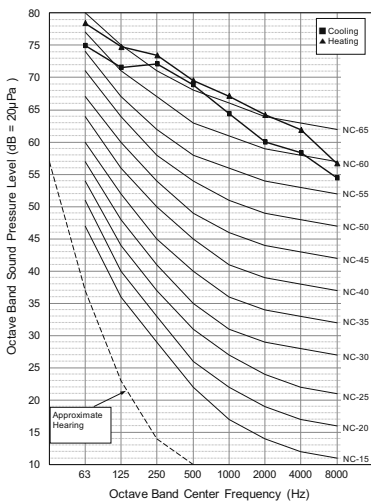
**ARUM880LTE5**



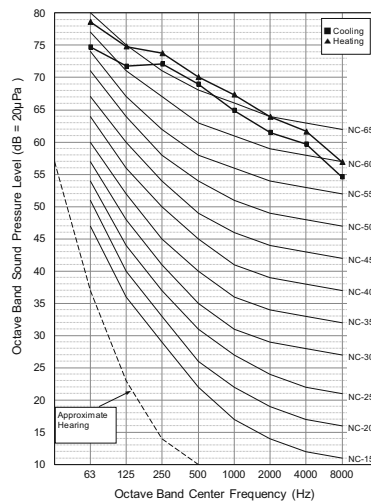
**ARUM900LTE5**



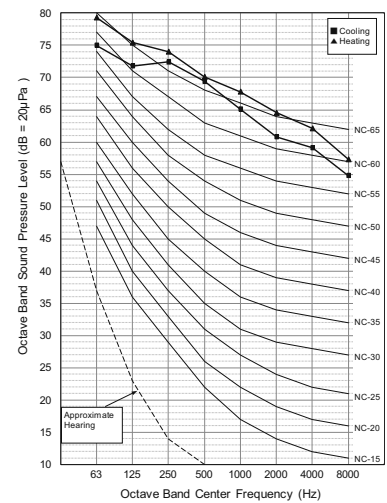
**ARUM920LTE5**



**ARUM940LTE5**



**ARUM960LTE5**



## 10. Sound Levels

### 10.2 Sound Power Levels

#### Note

- Data is valid at diffuse field condition
- Data is valid at nominal operating condition
- Sound level can be increased in static pressure mode or used air guide.
- Sound power level is measured on the rated condition in the reverberation rooms.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Reference acoustic intensity 0dB =  $10E-6\mu W/m^2$

Unit:dB(A)

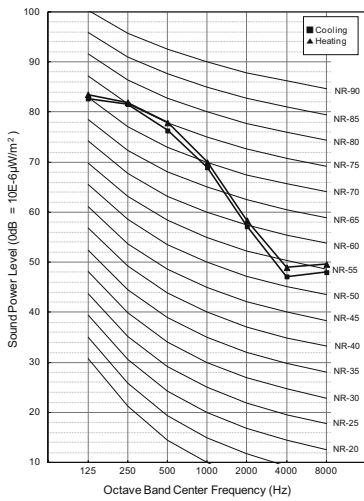
| Model       | Cooling | Heating |
|-------------|---------|---------|
| ARUM080LTE5 | 77.0    | 78.0    |
| ARUM100LTE5 | 78.0    | 79.0    |
| ARUM120LTE5 | 79.0    | 80.0    |
| ARUM140LTE5 | 82.0    | 84.0    |
| ARUM160LTE5 | 83.0    | 85.0    |
| ARUM180LTE5 | 85.0    | 86.0    |
| ARUM200LTE5 | 86.0    | 87.0    |
| ARUM220LTE5 | 86.0    | 88.0    |
| ARUM240LTE5 | 88.0    | 90.0    |
| ARUM260LTE5 | 88.0    | 90.0    |
| ARUM221LTE5 | 81.5    | 82.5    |
| ARUM241LTE5 | 82.0    | 83.0    |
| ARUM261LTE5 | 83.8    | 85.5    |
| ARUM280LTE5 | 84.5    | 86.2    |
| ARUM300LTE5 | 86.0    | 87.0    |
| ARUM320LTE5 | 86.8    | 87.8    |
| ARUM340LTE5 | 86.8    | 88.6    |
| ARUM360LTE5 | 88.5    | 90.4    |
| ARUM380LTE5 | 89.0    | 91.0    |
| ARUM400LTE5 | 89.2    | 91.2    |
| ARUM420LTE5 | 89.8    | 91.5    |
| ARUM440LTE5 | 90.1    | 91.8    |
| ARUM460LTE5 | 90.1    | 92.1    |
| ARUM480LTE5 | 91.0    | 93.0    |
| ARUM500LTE5 | 89.4    | 91.3    |
| ARUM520LTE5 | 89.6    | 91.5    |
| ARUM540LTE5 | 90.1    | 91.8    |
| ARUM560LTE5 | 90.4    | 92.0    |
| ARUM580LTE5 | 90.4    | 92.4    |
| ARUM600LTE5 | 91.3    | 93.2    |
| ARUM620LTE5 | 91.5    | 93.5    |
| ARUM640LTE5 | 91.6    | 93.6    |
| ARUM660LTE5 | 92.0    | 93.8    |
| ARUM680LTE5 | 92.2    | 94.0    |
| ARUM700LTE5 | 92.2    | 94.2    |
| ARUM720LTE5 | 92.8    | 94.8    |
| ARUM740LTE5 | 91.8    | 93.7    |



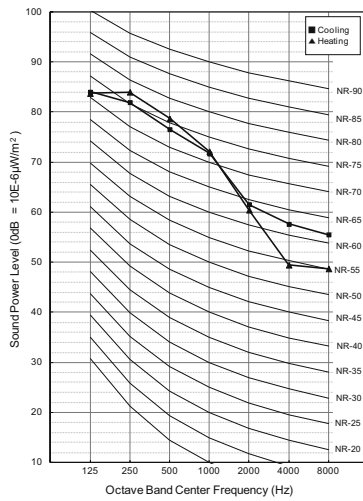
# 10. Sound Levels

| Model       | Cooling | Heating |
|-------------|---------|---------|
| ARUM760LTE5 | 91.9    | 93.8    |
| ARUM780LTE5 | 92.2    | 94.0    |
| ARUM800LTE5 | 92.4    | 94.2    |
| ARUM820LTE5 | 92.4    | 94.4    |
| ARUM840LTE5 | 92.9    | 94.9    |
| ARUM860LTE5 | 93.1    | 95.1    |
| ARUM880LTE5 | 93.2    | 95.2    |
| ARUM900LTE5 | 93.4    | 95.3    |
| ARUM920LTE5 | 93.6    | 95.4    |
| ARUM940LTE5 | 93.6    | 95.6    |
| ARUM960LTE5 | 94.0    | 96.0    |

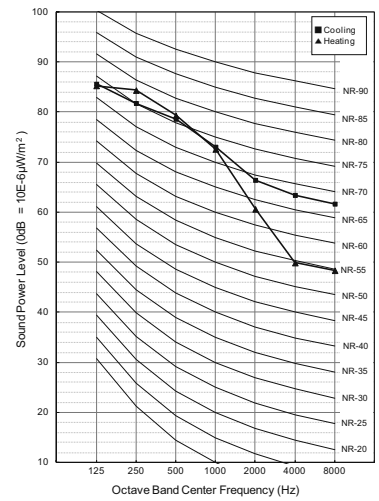
**ARUM080LTE5**



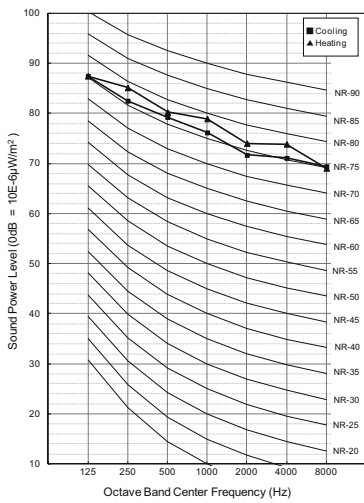
**ARUM100LTE5**



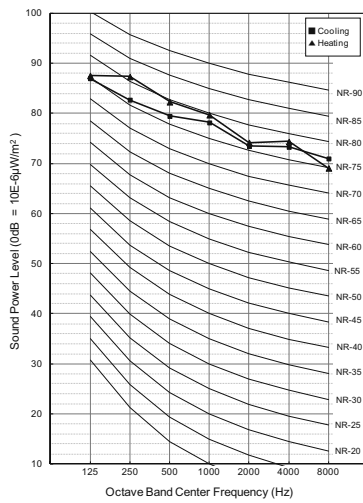
**ARUM120LTE5**



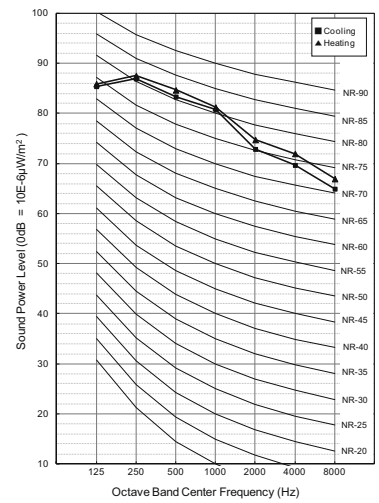
**ARUM140LTE5**



**ARUM160LTE5**

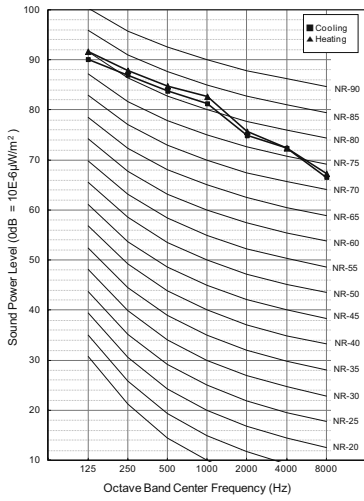


**ARUM180LTE5**

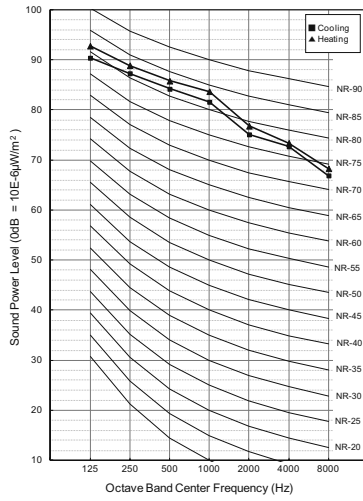


# 10. Sound Levels

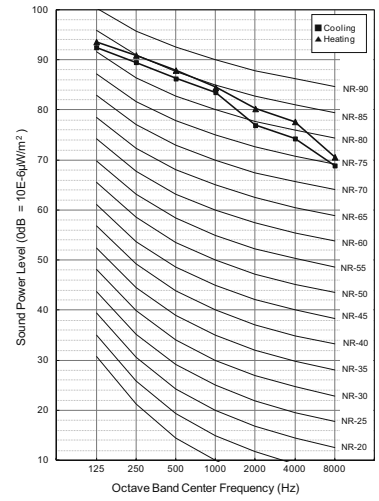
**ARUM200LTE5**



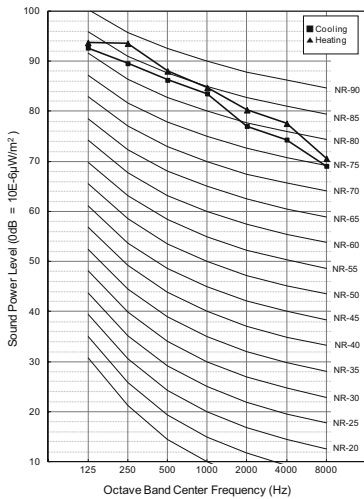
**ARUM220LTE5**



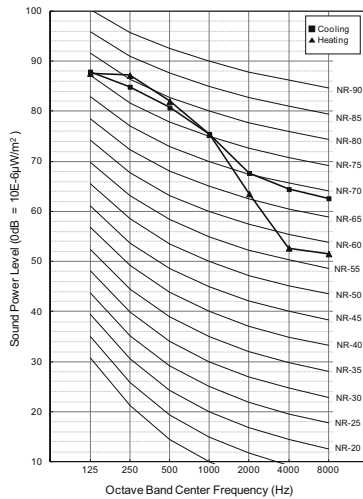
**ARUM240LTE5**



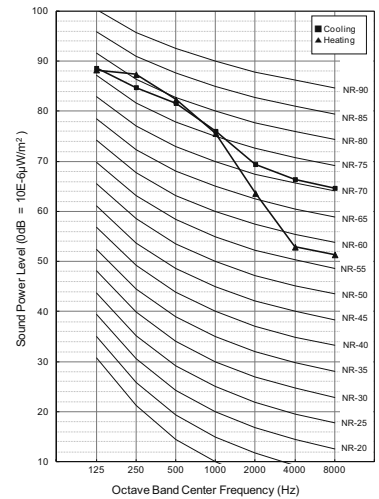
**ARUM260LTE5**



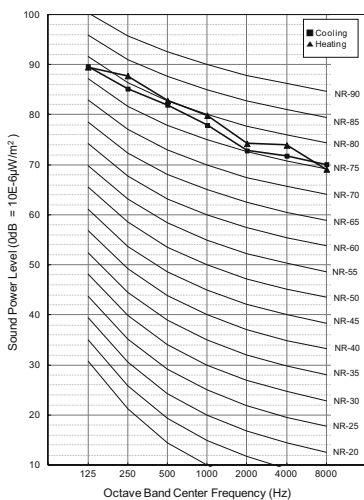
**ARUM221LTE5**



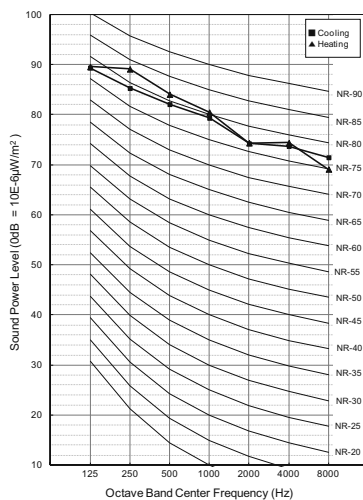
**ARUM241LTE5**



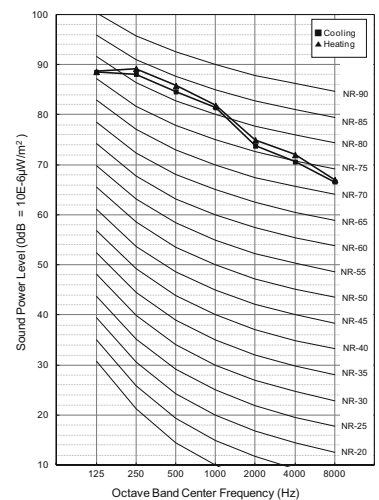
**ARUM261LTE5**



**ARUM280LTE5**

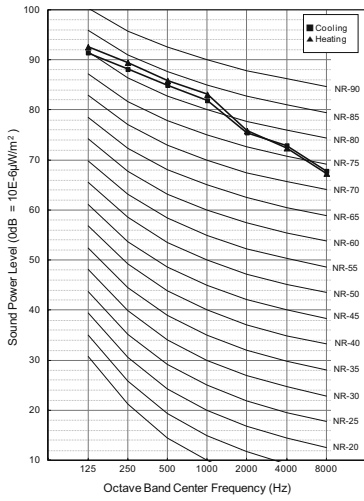


**ARUM300LTE5**

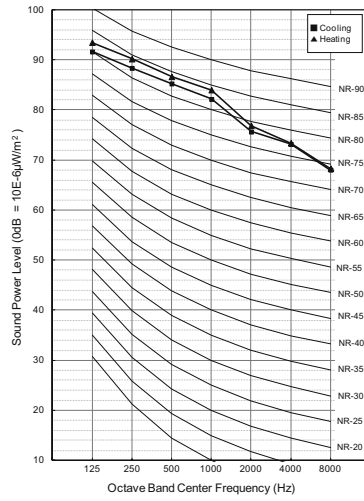


# 10. Sound Levels

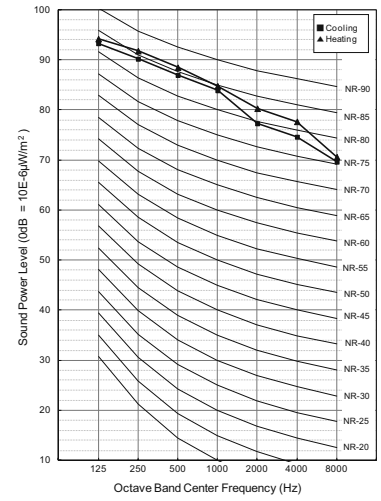
**ARUM320LTE5**



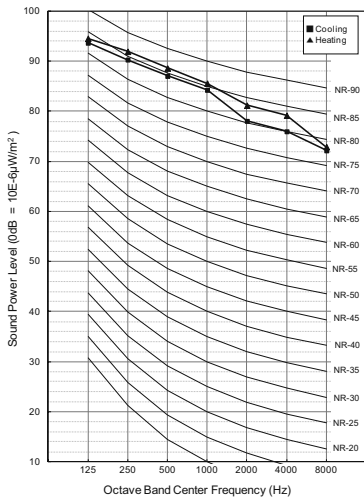
**ARUM340LTE5**



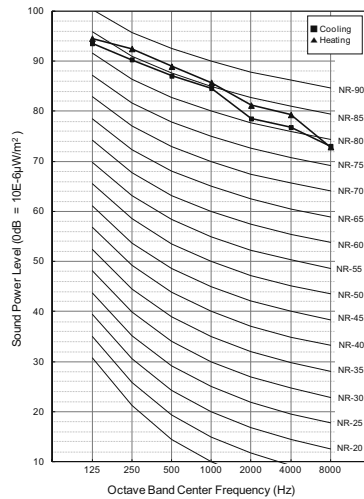
**ARUM360LTE5**



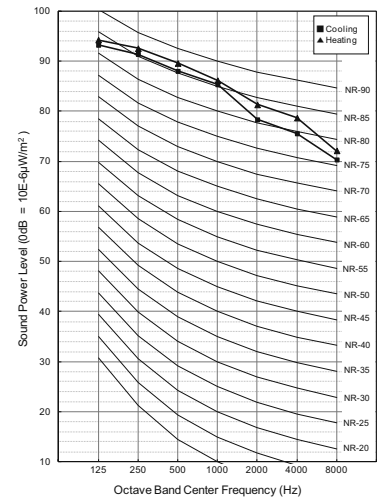
**ARUM380LTE5**



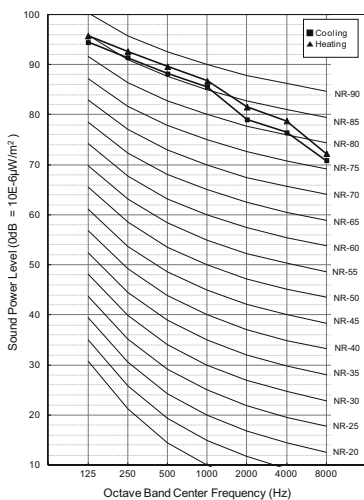
**ARUM400LTE5**



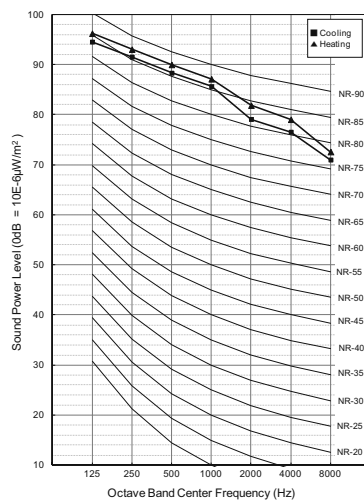
**ARUM420LTE5**



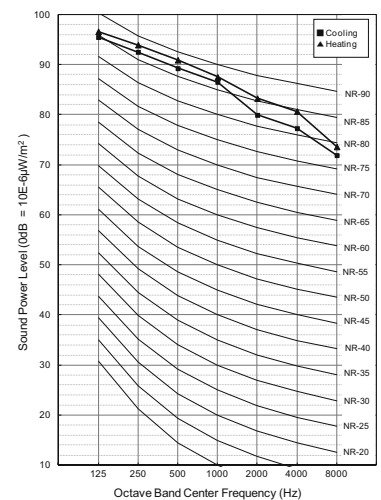
**ARUM440LTE5**



**ARUM460LTE5**

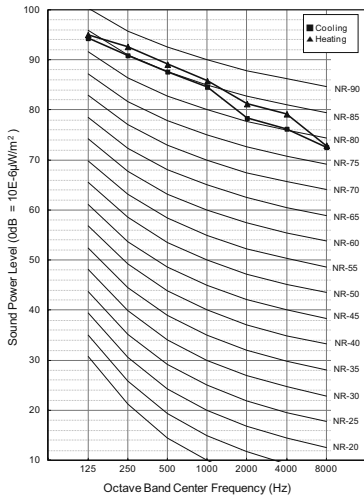


**ARUM480LTE5**

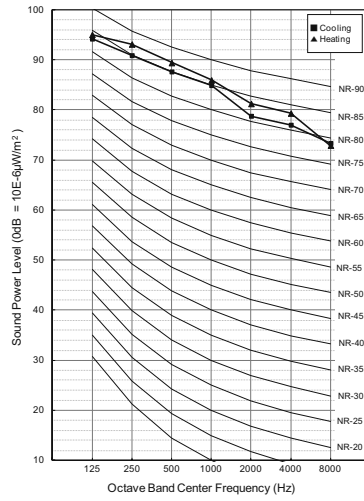


# 10. Sound Levels

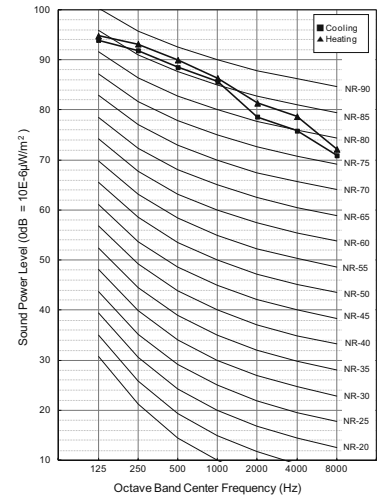
**ARUM500LTE5**



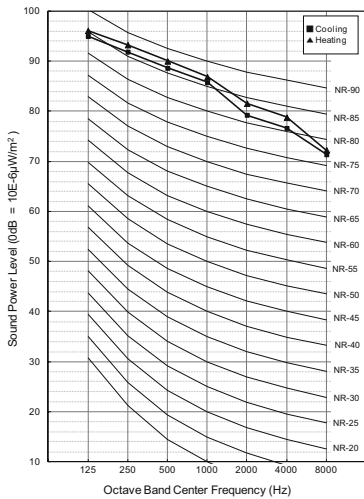
**ARUM520LTE5**



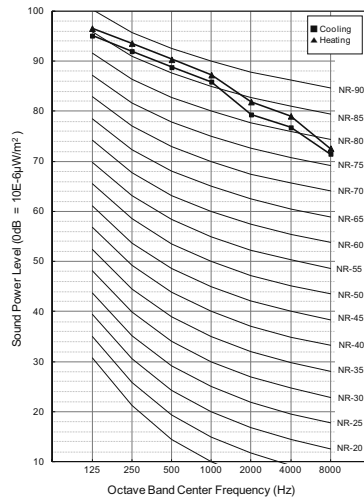
**ARUM540LTE5**



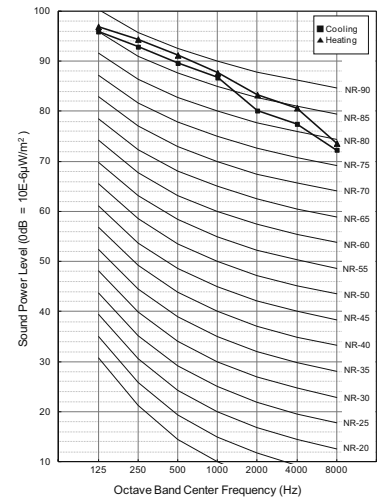
**ARUM560LTE5**



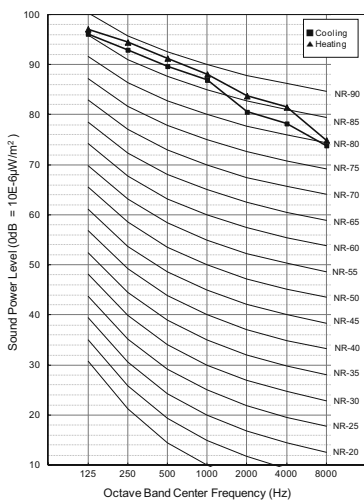
**ARUM580LTE5**



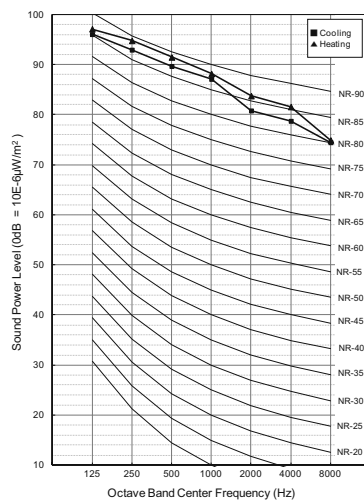
**ARUM600LTE5**



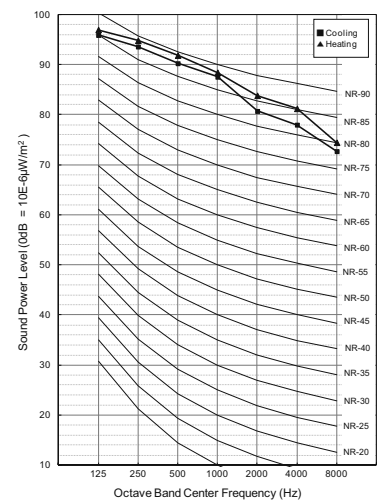
**ARUM620LTE5**



**ARUM640LTE5**

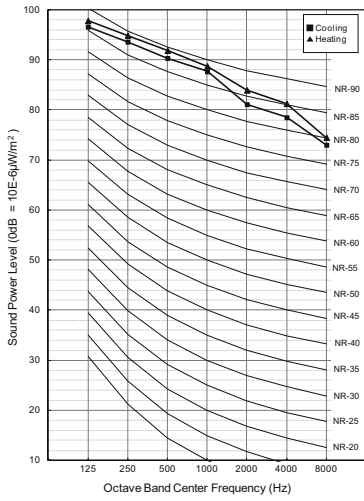


**ARUM660LTE5**

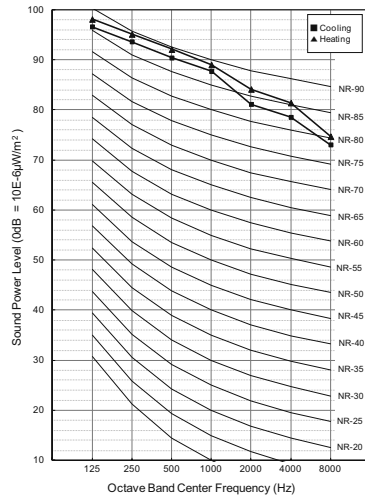


# 10. Sound Levels

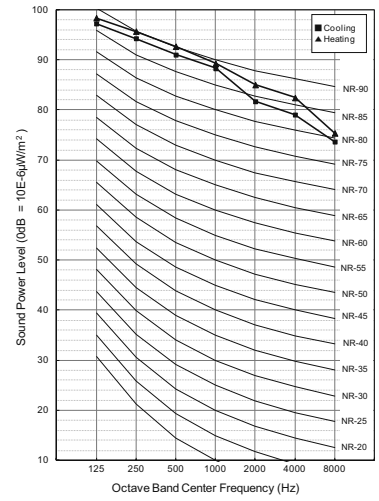
**ARUM680LTE5**



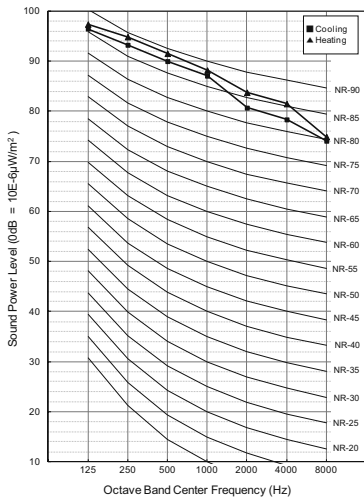
**ARUM700LTE5**



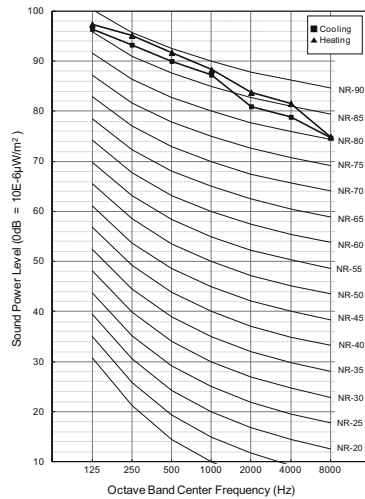
**ARUM720LTE5**



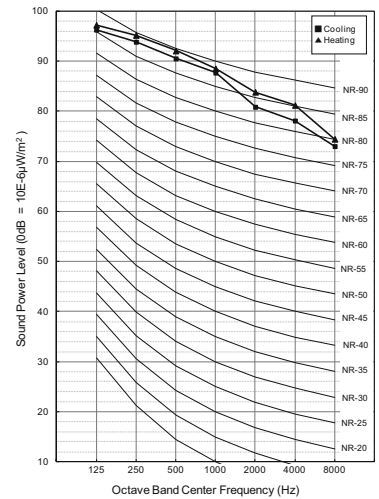
**ARUM740LTE5**



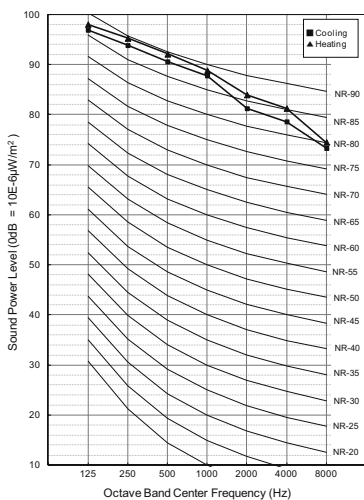
**ARUM760LTE5**



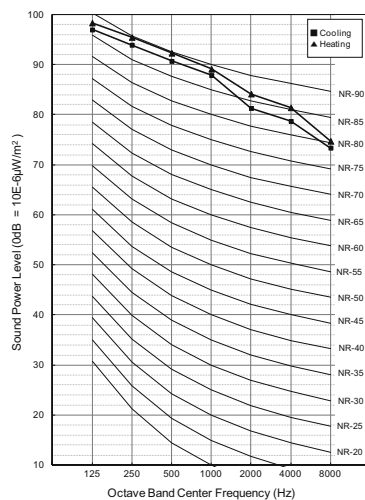
**ARUM780LTE5**



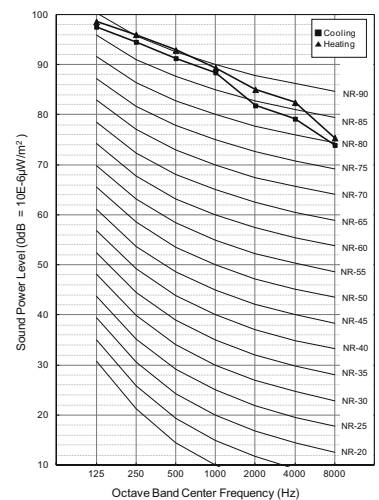
**ARUM800LTE5**



**ARUM820LTE5**

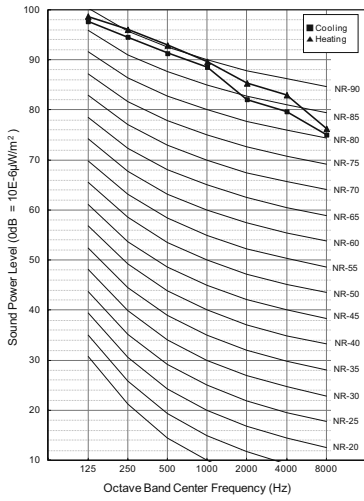


**ARUM840LTE5**

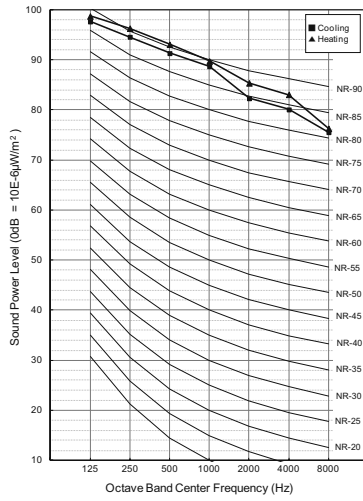


# 10. Sound Levels

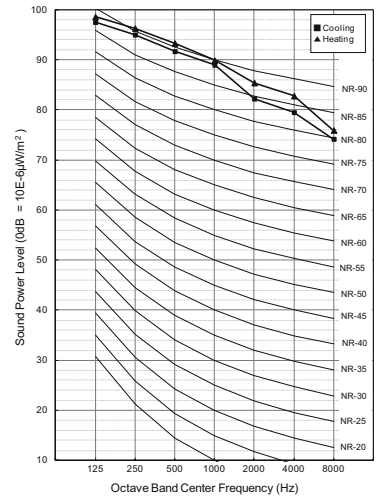
**ARUM860LTE5**



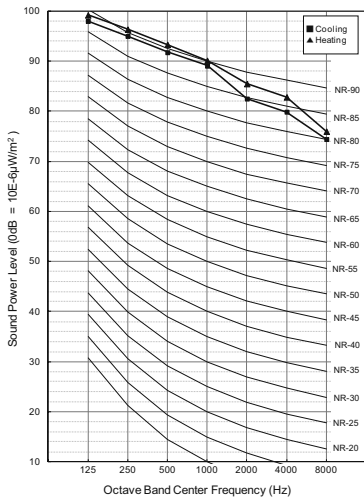
**ARUM880LTE5**



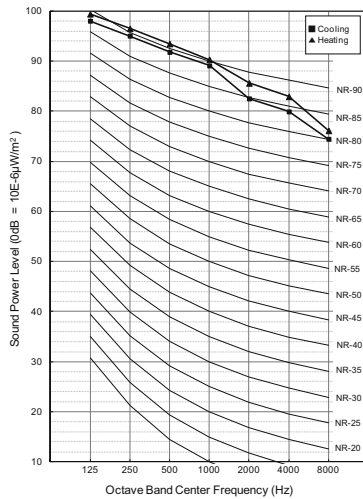
**ARUM900LTE5**



**ARUM920LTE5**



**ARUM940LTE5**



**ARUM960LTE5**

