

2.4 NOISE LEVEL

Notes(1) The data are based on the following conditions.

Ambient air temperature: Indoor unit 27°CWB. Outdoor unit 35°CDB.

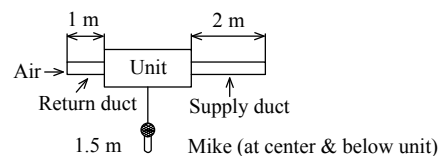
(2) The data in the chart are measured in an anechoic room.

(3) The noise levels measured in the field are usually higher than the data because of reflection.

(1) Indoor units

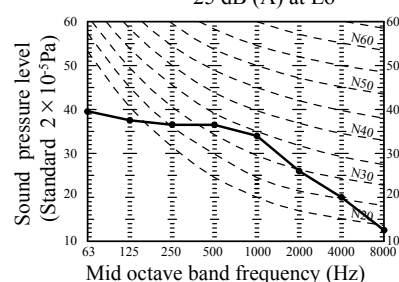
(a) Duct connected-High static pressure type (FDU)

Measured based on JIS B 8616
Mike position as right



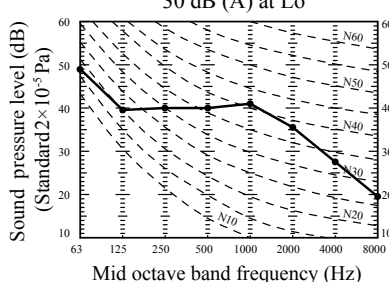
Model FDU71VH

Noise level 38 dB (A) at P-Hi
33 dB (A) at Hi
29 dB (A) at Me
25 dB (A) at Lo



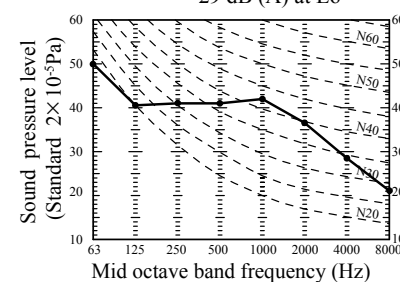
Model FDU100VH

Noise level 44 dB (A) at P-Hi
38 dB (A) at Hi
36 dB (A) at Me
30 dB (A) at Lo



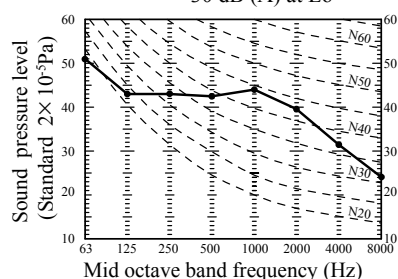
Model FDU125VH

Noise level 45 dB (A) at P-Hi
40 dB (A) at Hi
34 dB (A) at Me
29 dB (A) at Lo



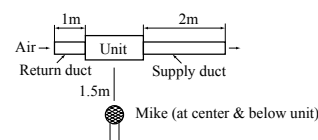
Model FDU140VH

Noise level 47 dB (A) at P-Hi
40 dB (A) at Hi
35 dB (A) at Me
30 dB (A) at Lo



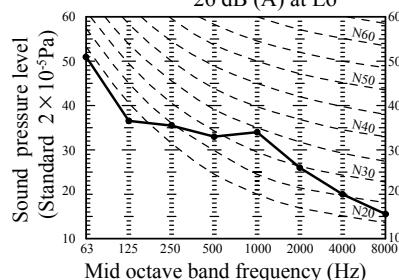
(b) Duct connected-Low/Middle static pressure type (FDUM)

Measured based on JIS B 8616
Mike position as right



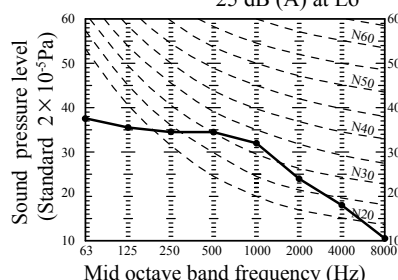
Models FDUM40VH, 50VH

Noise level 37 dB (A) at P-Hi
32 dB (A) at Hi
29 dB (A) at Me
26 dB (A) at Lo



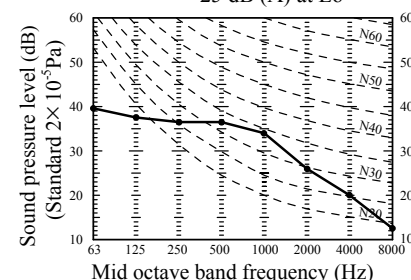
Model FDUM60VH

Noise level 36 dB (A) at P-Hi
31 dB (A) at Hi
28 dB (A) at Me
25 dB (A) at Lo



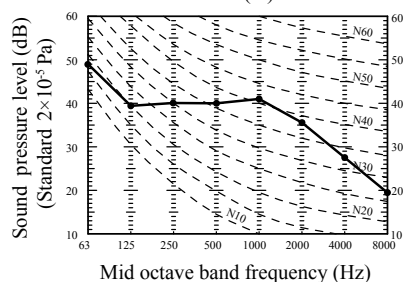
Model FDUM71VH

Noise level 38 dB (A) at P-Hi
33 dB (A) at Hi
29 dB (A) at Me
25 dB (A) at Lo

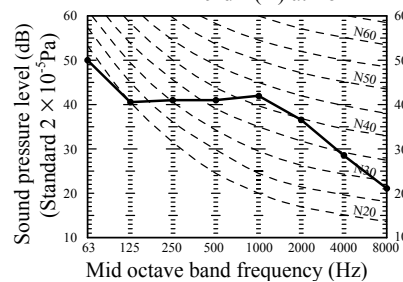


Model FDUM100VH

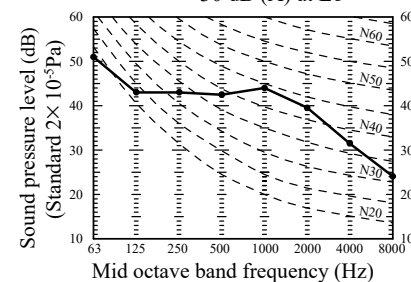
Noise level 44 dB (A) at P-Hi
 38 dB (A) at Hi
 36 dB (A) at Me
 30 dB (A) at Lo

**Model FDUM125VH**

Noise level 45 dB (A) at P-Hi
 40 dB (A) at Hi
 34 dB (A) at Me
 29 dB (A) at Lo

**Model FDUM140VH**

Noise level 47 dB (A) at P-Hi
 40 dB (A) at Hi
 35 dB (A) at Me
 30 dB (A) at Lo

**(2) Outdoor units**

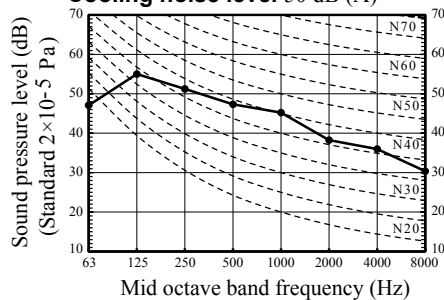
Measured based on JIS B 8616 or JIS C 9612

Mike position: at highest noise level in position as mentioned below.

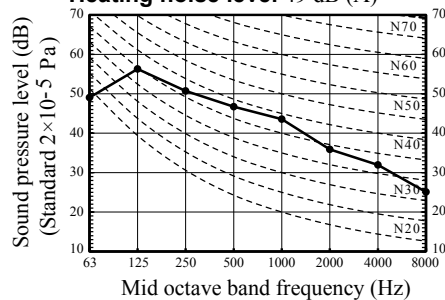
Distance from front side 1m

Models SRC40ZSX-S, 50ZSX-S

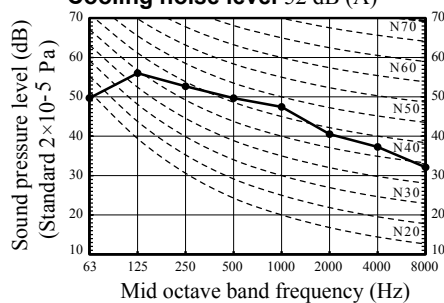
Cooling noise level 50 dB (A)



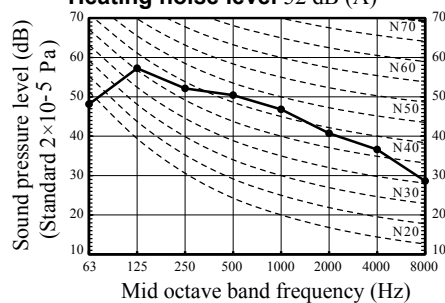
Heating noise level 49 dB (A)

**Model SRC60ZSX-S**

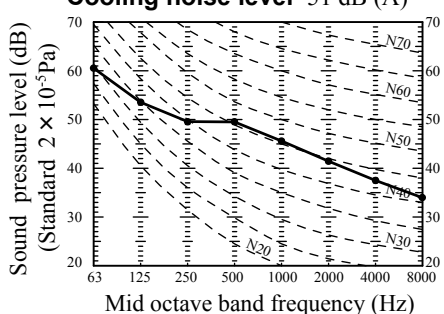
Cooling noise level 52 dB (A)



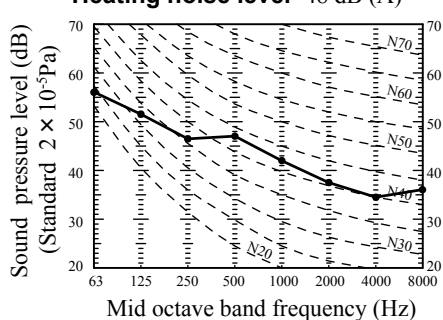
Heating noise level 52 dB (A)

**Model FDC71VNX**

Cooling noise level 51 dB (A)

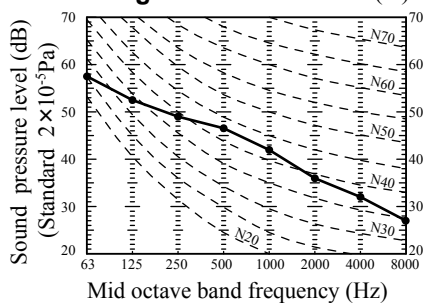


Heating noise level 48 dB (A)

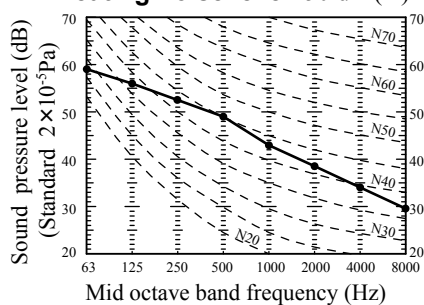


Models FDC100VNX,100VSX

Cooling noise level 48 dB (A)

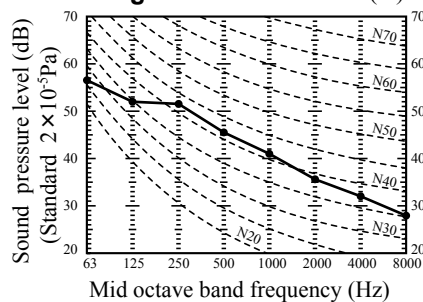


Heating noise level 50 dB (A)

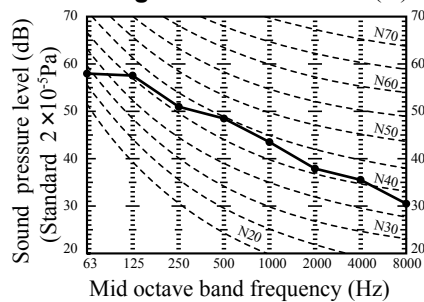


Models FDC125VNX,125VSX

Cooling noise level 48 dB (A)

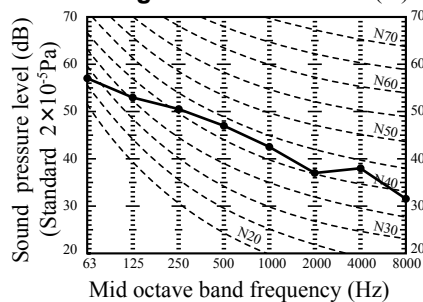


Heating noise level 50 dB (A)

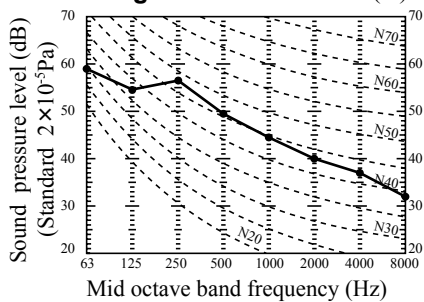


Models FDC140VNX,140VSX

Cooling noise level 49 dB (A)



Heating noise level 52 dB (A)



3.4 NOISE LEVEL

Notes(1) The data are based on the following conditions.

Ambient air temperature: Indoor unit 27°CWB. Outdoor unit 35°CDB.

(2) The data in the chart are measured in an anechoic room.

(3) The noise levels measured in the field are usually higher than the data because of reflection.

(1) Indoor units See page 41.

(2) Outdoor units

Measured based on JIS B 8616

Mike position: at highest noise level in position as mentioned below

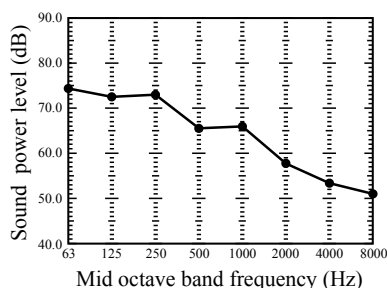
Distance from front side 1m

Height 1m

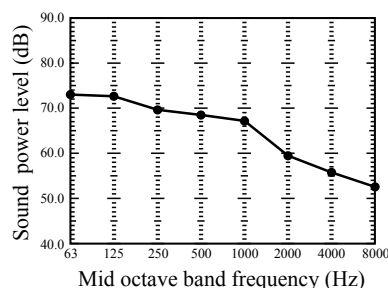
(a) FDC100-140

(i) Sound power level

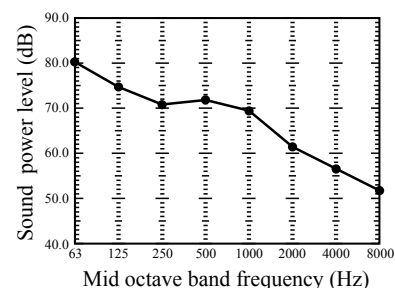
Models FDC100VNA,100VSA
Noise level 70 dB (A)



Models FDC125VNA,125VSA
Noise level 71 dB (A)



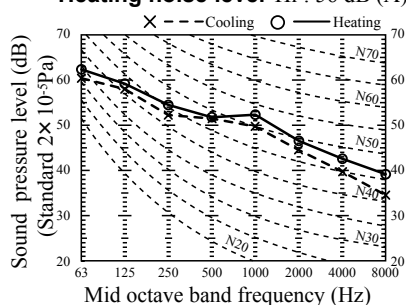
Models FDC140VNA,140VSA
Noise level 73 dB (A)



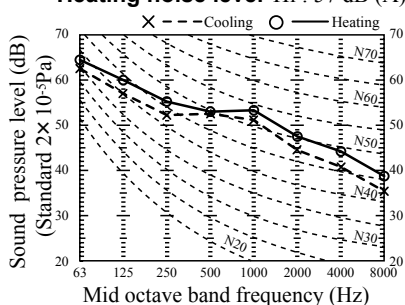
(ii) Sound pressure level

1) Rating mode

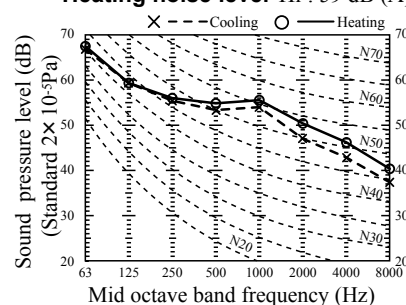
Models FDC100VNA,100VSA
Cooling noise level Hi : 54 dB (A)
Heating noise level Hi : 56 dB (A)



Models FDC125VNA,125VSA
Cooling noise level Hi : 55 dB (A)
Heating noise level Hi : 57 dB (A)

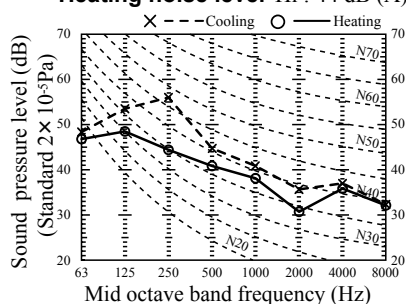


Models FDC140VNA,140VSA
Cooling noise level Hi : 57 dB (A)
Heating noise level Hi : 59 dB (A)

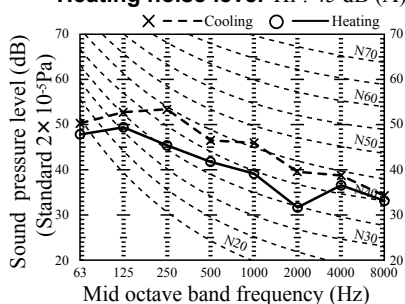


2) Silent mode

Models FDC100VNA,100VSA
Cooling noise level Hi : 50 dB (A)
Heating noise level Hi : 44 dB (A)



Models FDC125VNA,125VSA
Cooling noise level Hi : 51 dB (A)
Heating noise level Hi : 45 dB (A)



Models FDC140VNA,140VSA
Cooling noise level Hi : 53 dB (A)
Heating noise level Hi : 47 dB (A)

