

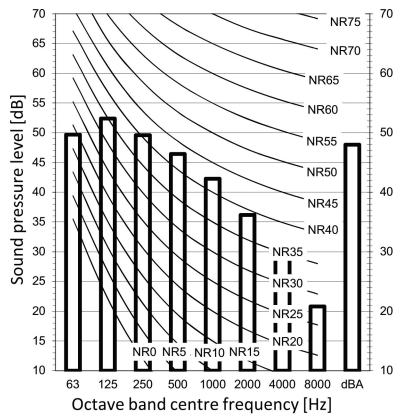
9 Sound data

9 - 1 Sound Pressure Spectrum - Cooling

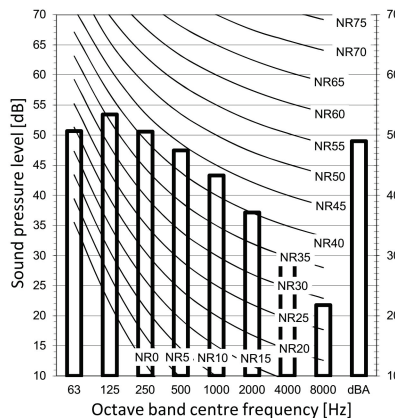
ERGA04-08DV

Cooling

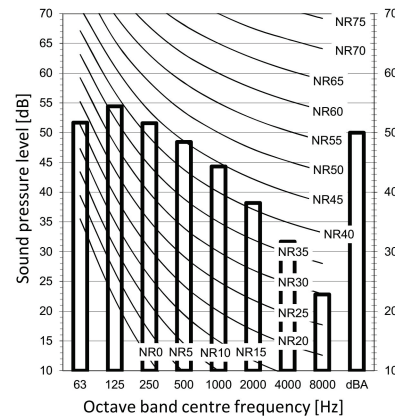
RGA04



RGA06

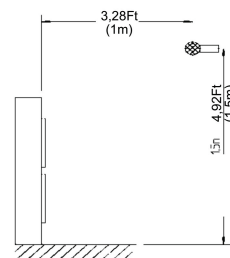


RGA08



Notes

1. Data is valid at free field condition.
Measured in a semi-anechoic chamber
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 μ Pa
5. If the sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.



Measuring location (discharge side)

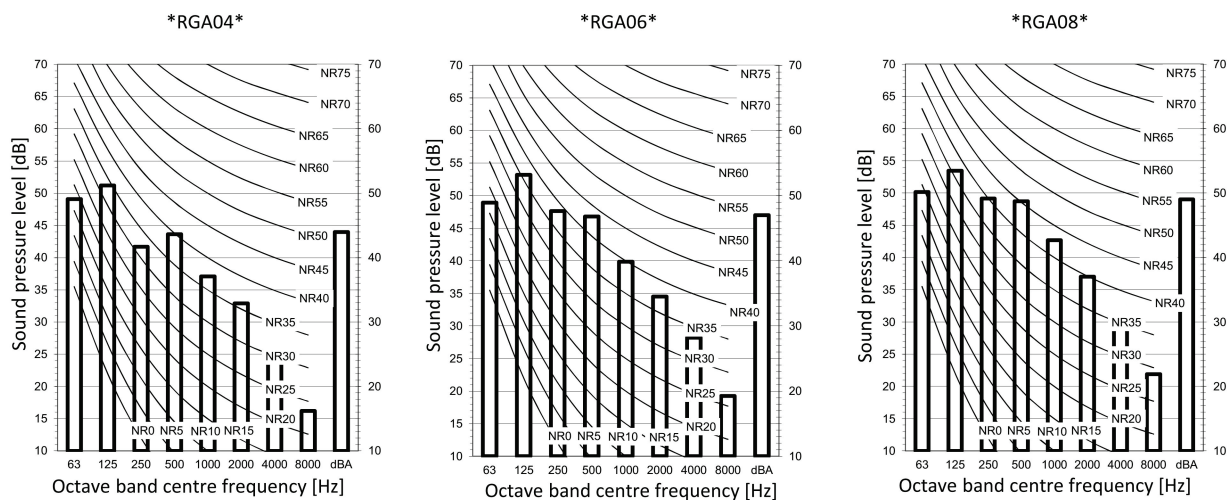
3D111595

9 Sound data

9 - 2 Sound Pressure Spectrum - Heating

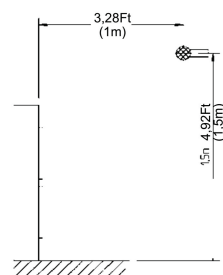
ERGA04-08DV

Heating



Notes

1. Data is valid at free field condition.
Measured in a semi-anechoic chamber
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 μ Pa
5. If the sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.



Measuring location (discharge side)

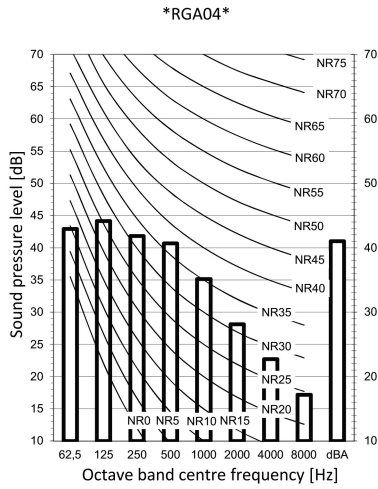
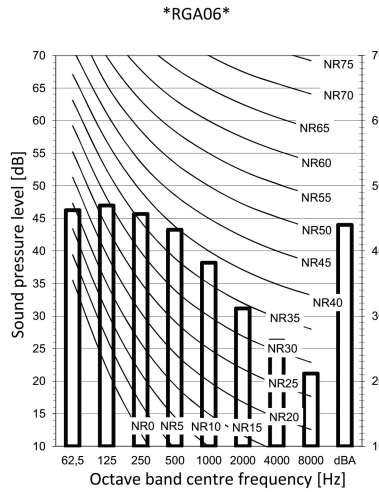
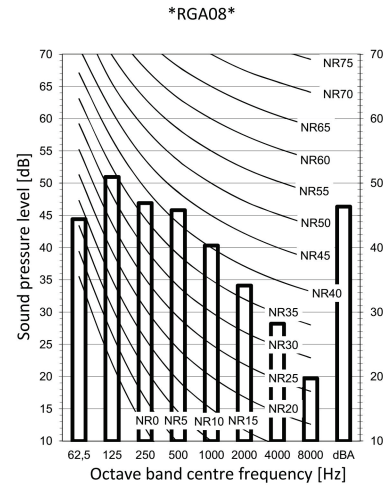
3D111594A

9 Sound data

9 - 3 Sound Pressure Spectrum Quiet Mode

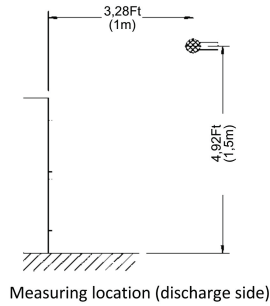
ERGA04-08DV

Heating more quiet mode



Notes

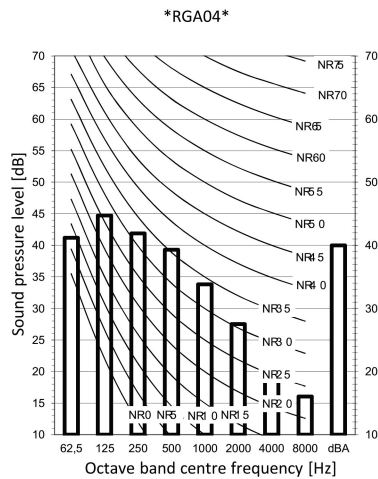
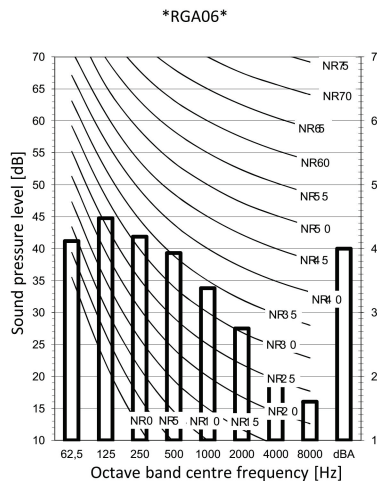
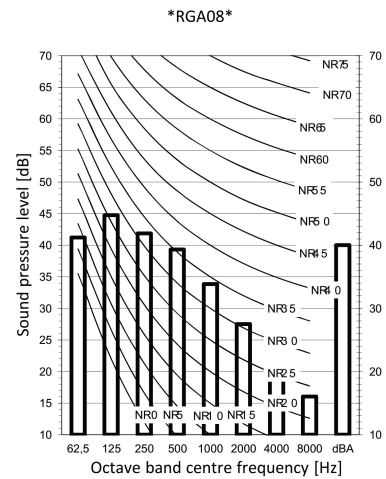
1. Data is valid at free field condition.
Measured in a semi-anechoic chamber
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 μ Pa
5. If the sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.



3D116213

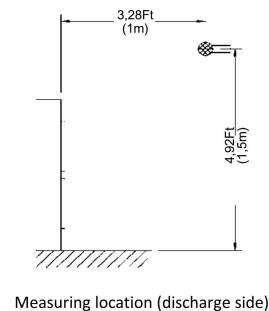
ERGA04-08DV

Heating most quiet mode



Notes

1. Data is valid at free field condition.
Measured in a semi-anechoic chamber
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 μ Pa
5. If the sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.



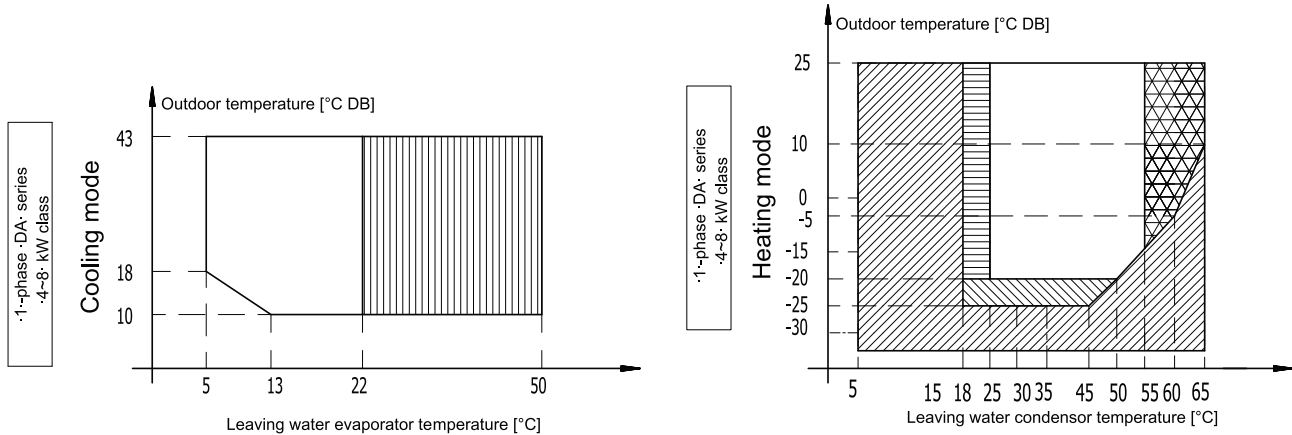
3D116214

10 Operation range

10 - 1 Operation Range

10

ERGA04-08DV



Legend

- Backup heater only operation
No outdoor unit operation
- Outdoor unit operation if setpoint $\geq 25^{\circ}\text{C}$
- Operation of outdoor unit possible, but with possible capacity reduction.
If the outdoor temperature $< -25^{\circ}\text{C}$, the outdoor unit will stop.
Indoor unit and backup heater operation will continue.
- Pull-down area
- Outdoor unit operation if setpoint $> 55^{\circ}\text{C}$ and $\Delta T = -10^{\circ}\text{C}$ (ΔT = outlet temperature - inlet temperature)

Remark

In restricted power supply mode, the outdoor unit, booster heater and backup heater can only operate separately.

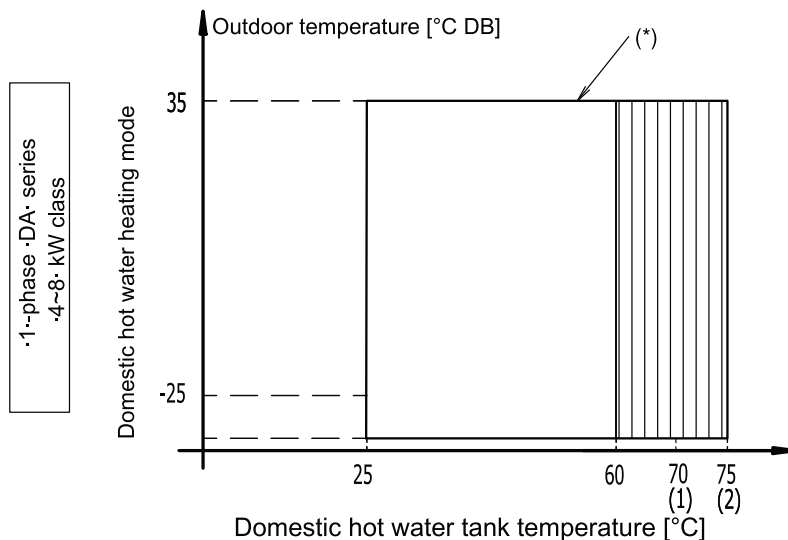
Warning

In areas with low ambient temperatures and high humidity, or in areas with heavy snowfall, remove the suction grille to ensure proper operation.

Non-exhaustive list of areas: Austria, Czech Republic, Denmark, Estonia, Finland, Germany, Hungary, Latvia, Lithuania, Norway, Poland, Romania, Serbia, Slovakia, Sweden, ...

3D111563A

ERGA04-08DV



Legend

- Booster heater only operation (if a booster heater is part of the system)
- (1) $\cdot\text{EHV}^*\text{DAV}^*$ indoor units only
- (2) Combination of $\cdot\text{EKHWS}^*\text{DA}^*$ and $\cdot\text{EHB}^*\text{DAV}^*$ indoor units

(*) System operation: the system consists of an outdoor unit and indoor unit, and depending on the system, a booster heater and/or a backup heater.

Remark

In restricted power supply mode ($\cdot\text{EKHW}^*$ only), the outdoor unit, booster heater and backup heater can only operate separately.
If the outdoor temperature $< -20^{\circ}\text{C}$, then outdoor unit operation is possible, but with a possible capacity reduction.
If the outdoor temperature $< -25^{\circ}\text{C}$, the outdoor unit will stop.
Indoor unit and backup heater operation will continue.

3D111564B

