



# Air Conditioning Technical Data

Concealed ceiling unit with medium ESP



EEDEN15-204

FXSQ-A



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## FXSQ-A

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# 1 Features

## Optimum comfort guaranteed no matter the length of ductwork or type of grilles

- Up to 150Pa external static pressure (ESP) to cope with most of the duct and grille setups
- Whisper quiet operation: down to 25dBA sound pressure level
- Narrow ceilings voids are no longer a challenge, these units can swiftly be integrated as they only are 245mm in height.
- Unique automatic air flow adjustment function selects the most appropriate fan curve to achieve the best comfort. With these concealed ceiling units, over 10 fan curves can be chosen to select the most appropriate fan curve for your application
- Flexible installation: - bottom and rear suction allow installation both in low and shallow ceiling voids - choice between free use into a false ceiling or connection to optional suction grilles
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation is required
- Standard built-in drain pump increases flexibility and installation speed



Home leave operation



Fan only



Auto cooling-heating changeover



Whisper quiet



Fan speed steps



Dry programme



Air filter



Weekly timer



Infrared remote control



Wired remote control



Centralised control



Auto-restart



Self diagnosis



Multi tenant



Drain pump kit

## 2 Specifications

| 2-1 Technical Specifications |                                                        |          |      |                    | FXSQ15A                                                                       | FXSQ20A | FXSQ25A | FXSQ32A | FXSQ40A | FXSQ50A |
|------------------------------|--------------------------------------------------------|----------|------|--------------------|-------------------------------------------------------------------------------|---------|---------|---------|---------|---------|
| Cooling capacity             | Nom.                                                   |          |      | kW                 | 1.7                                                                           | 2.2     | 2.8     | 3.6     | 4.5     | 5.6     |
| Heating capacity             | Nom.                                                   |          |      | kW                 | 1.9                                                                           | 2.5     | 3.2     | 4.0     | 5.0     | 6.3     |
| Power input - 50Hz           | Cooling                                                | Nom.     |      | kW                 | 0.041                                                                         |         |         | 0.045   | 0.092   | 0.095   |
|                              | Heating                                                | Nom.     |      | kW                 | 0.038                                                                         |         |         | 0.042   | 0.089   | 0.092   |
| Dimensions                   | Unit                                                   | Height   | mm   |                    | 245                                                                           |         |         |         |         |         |
|                              |                                                        | Width    | mm   |                    | 550                                                                           |         |         |         | 700     |         |
|                              |                                                        | Depth    | mm   |                    | 800                                                                           |         |         |         |         |         |
|                              |                                                        |          |      |                    | 890                                                                           |         |         |         |         |         |
|                              | Packed unit                                            | Height   | mm   |                    | 890                                                                           |         |         |         |         |         |
|                              |                                                        | Width    | mm   |                    | 750                                                                           |         |         |         | 900     |         |
|                              |                                                        | Depth    | mm   |                    | 295                                                                           |         |         |         |         |         |
| Weight                       | Unit                                                   |          |      | kg                 | 23.5                                                                          |         |         | 24      | 28.5    | 29      |
|                              | Packed unit                                            |          |      | kg                 | 25                                                                            |         |         | 25.5    | 30      | 30.5    |
| Casing                       | Colour                                                 |          |      |                    | Not painted (galvanised)                                                      |         |         |         |         |         |
|                              | Material                                               |          |      |                    | Galvanised steel plate                                                        |         |         |         |         |         |
| Heat exchanger               | Fin                                                    | Type     |      |                    | Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5Hi-XA tubes) |         |         |         |         |         |
| Fan                          | Type                                                   |          |      |                    | Sirocco fan                                                                   |         |         |         |         |         |
|                              | Quantity                                               |          |      |                    | 1                                                                             |         |         |         |         |         |
|                              | Air flow rate - 50Hz                                   | Cooling  | High | m³/min             | 8.7                                                                           | 9       |         | 9.5     | 15      | 15.2    |
|                              |                                                        |          | Nom. | m³/min             | 7.5                                                                           |         | 8       | 12.5    |         |         |
|                              |                                                        |          | Low  | m³/min             | 6.5                                                                           |         | 7.0     | 11      |         |         |
|                              |                                                        | Heating  | High | m³/min             | 8.7                                                                           | 9       |         | 9.5     | 15      | 15.2    |
|                              |                                                        |          | Nom. | m³/min             | 7.5                                                                           |         | 8       | 12.5    |         |         |
|                              |                                                        |          | Low  | m³/min             | 6.5                                                                           |         | 7       | 11      |         |         |
|                              | External static pressure - 50Hz                        | High     | Pa   |                    | 150                                                                           |         |         |         |         |         |
|                              |                                                        | Nom.     | Pa   |                    | 30                                                                            |         |         |         |         |         |
|                              | Fan motor                                              | Quantity |      |                    |                                                                               | 1       |         |         |         |         |
| Model                        |                                                        |          |      | Brushless DC motor |                                                                               |         |         |         |         |         |
| Speed                        |                                                        | Steps    |      |                    | 3                                                                             |         |         |         |         |         |
| Output                       |                                                        | High     | W    |                    | 78                                                                            |         |         |         | 130     |         |
| Air filter                   | Type                                                   |          |      |                    | Resin net with mold resistance                                                |         |         |         |         |         |
| Sound power level            | Cooling                                                | Nom.     | dBA  |                    | 54                                                                            |         |         | 55      | 60      |         |
| Sound pressure level         | Cooling                                                | High     | dBA  |                    | 29.5                                                                          | 30      |         | 31      | 35      |         |
|                              |                                                        | Nom.     | dBA  |                    | 28                                                                            |         |         | 29      | 32      |         |
|                              |                                                        | Low      | dBA  |                    | 25                                                                            |         |         | 26      | 29      |         |
|                              | Heating                                                | High     | dBA  |                    | 31.5                                                                          | 32      |         | 33      | 37      |         |
|                              |                                                        | Nom.     | dBA  |                    | 29                                                                            |         |         | 30      | 34      |         |
|                              |                                                        | Low      | dBA  |                    | 26                                                                            |         |         | 27      | 29      |         |
| Refrigerant                  | Type                                                   |          |      |                    | R-410A                                                                        |         |         |         |         |         |
| Piping connections           | Liquid                                                 | Type     |      | Flare connection   |                                                                               |         |         |         |         |         |
|                              |                                                        | OD       | mm   | 6.35               |                                                                               |         |         |         |         |         |
|                              | Gas                                                    | Type     |      | Flare connection   |                                                                               |         |         |         |         |         |
|                              |                                                        | OD       | mm   | 12.7               |                                                                               |         |         |         |         |         |
|                              | Drain                                                  |          |      |                    | VP20 (I.D. 20/O.D. 26)                                                        |         |         |         |         |         |
|                              | Heat insulation                                        |          |      |                    | Foamed polystyrene/polyethylene                                               |         |         |         |         |         |
|                              | Sound absorbing insulation                             |          |      |                    | Butyl Rubber                                                                  |         |         |         |         |         |
| Drain-up height              |                                                        |          |      | mm                 | 625                                                                           |         |         |         |         |         |
| Control systems              | Infrared remote control                                |          |      |                    | BRC4C65                                                                       |         |         |         |         |         |
|                              | Simplified wired remote control for hotel applications |          |      |                    | BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)                     |         |         |         |         |         |
|                              | Wired remote control                                   |          |      |                    | BRC1D52 / BRC1E52A/B                                                          |         |         |         |         |         |

Standard Accessories : Installation and operation manual; Quantity : 1;

Standard Accessories : Drain hose; Quantity : 1;

Standard Accessories : Metal clamp for drain hose; Quantity : 1;

Standard Accessories : Washer for hanger bracket; Quantity : 8;

Standard Accessories : Screws; Quantity : 40;

## 2 Specifications

Standard Accessories : Insulation for fitting; Quantity : 2;

Standard Accessories : Sealing pad; Quantity : 5;

Standard Accessories : Clamps; Quantity : 4;

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| 2-2 Technical Specifications |                                                        |         |      |                  | FXSQ63A                                                                       | FXSQ80A | FXSQ100A | FXSQ125A | FXSQ140A |
|------------------------------|--------------------------------------------------------|---------|------|------------------|-------------------------------------------------------------------------------|---------|----------|----------|----------|
| Cooling capacity             | Nom.                                                   |         |      | kW               | 7.1                                                                           | 9.0     | 11.2     | 14.0     | 16.0     |
| Heating capacity             | Nom.                                                   |         |      | kW               | 8.0                                                                           | 10.0    | 12.5     | 16.0     | 18.0     |
| Power input - 50Hz           | Cooling                                                | Nom.    | kW   |                  | 0.095                                                                         | 0.121   | 0.157    | 0.214    | 0.243    |
|                              | Heating                                                | Nom.    | kW   |                  | 0.092                                                                         | 0.118   | 0.154    | 0.211    | 0.240    |
| Dimensions                   | Unit                                                   | Height  | mm   |                  | 245                                                                           |         |          |          |          |
|                              |                                                        | Width   | mm   |                  | 1,000                                                                         |         | 1,400    |          | 1,550    |
|                              |                                                        | Depth   | mm   |                  | 800                                                                           |         |          |          |          |
|                              | Packed unit                                            | Height  | mm   |                  | 890                                                                           |         |          |          |          |
|                              |                                                        | Width   | mm   |                  | 1,200                                                                         |         | 1,600    |          | 1,750    |
|                              |                                                        | Depth   | mm   |                  | 295                                                                           |         |          |          |          |
| Weight                       | Unit                                                   |         | kg   | 35.5             | 36.5                                                                          | 46      | 47       | 51       |          |
|                              | Packed unit                                            |         | kg   | 37.5             | 38.5                                                                          | 48      | 49       | 53       |          |
| Casing                       | Colour                                                 |         |      |                  | Not painted (galvanised)                                                      |         |          |          |          |
|                              | Material                                               |         |      |                  | Galvanised steel plate                                                        |         |          |          |          |
| Heat exchanger               | Fin                                                    | Type    |      |                  | Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5Hi-XA tubes) |         |          |          |          |
| Fan                          | Type                                                   |         |      |                  | Sirocco fan                                                                   |         |          |          |          |
|                              | Quantity                                               |         |      |                  | 2                                                                             |         | 3        |          |          |
|                              | Air flow rate - 50Hz                                   | Cooling | High | m³/min           | 21.0                                                                          | 23      | 32       | 36       | 39       |
|                              |                                                        |         | Nom. | m³/min           | 18                                                                            | 19.5    | 27       | 31.5     | 34       |
|                              |                                                        |         | Low  | m³/min           | 15                                                                            | 16      | 23       | 26       | 28       |
|                              |                                                        | Heating | High | m³/min           | 21                                                                            | 23      | 32       | 36       | 39       |
|                              |                                                        |         | Nom. | m³/min           | 18                                                                            | 19.5    | 27       | 31.5     | 34       |
|                              |                                                        |         | Low  | m³/min           | 15                                                                            | 16.0    | 23       | 26       | 28       |
|                              | External static pressure - 50Hz                        | High    |      | Pa               | 150                                                                           |         |          |          |          |
|                              |                                                        | Nom.    |      | Pa               | 30                                                                            | 40      |          | 50       |          |
| Fan motor                    | Quantity                                               |         |      |                  | 1                                                                             |         |          |          |          |
|                              | Model                                                  |         |      |                  | Brushless DC motor                                                            |         |          |          |          |
|                              | Speed                                                  | Steps   |      |                  | 3                                                                             |         |          |          |          |
|                              | Output                                                 | High    | W    |                  | 230                                                                           |         | 300      |          | 350      |
| Air filter                   | Type                                                   |         |      |                  | Resin net with mold resistance                                                |         |          |          |          |
| Sound power level            | Cooling                                                | Nom.    | dBA  |                  | 59                                                                            | 61      |          | 64       |          |
| Sound pressure level         | Cooling                                                | High    | dBA  |                  | 33                                                                            | 35      | 36       | 39       | 41.5     |
|                              |                                                        | Nom.    | dBA  |                  | 30                                                                            | 32      | 34       | 36       | 38       |
|                              |                                                        | Low     | dBA  |                  | 27                                                                            | 29      | 31       | 33       | 34       |
|                              | Heating                                                | High    | dBA  |                  | 35                                                                            | 37      |          | 40       | 42       |
|                              |                                                        | Nom.    | dBA  |                  | 32                                                                            | 34      |          | 37       | 38.5     |
|                              |                                                        | Low     | dBA  |                  | 28                                                                            | 30      | 31       | 33       | 34       |
| Refrigerant                  | Type                                                   |         |      |                  | R-410A                                                                        |         |          |          |          |
| Piping connections           | Liquid                                                 | Type    |      | Flare connection |                                                                               |         |          |          |          |
|                              |                                                        | OD      | mm   | 9.52             |                                                                               |         |          |          |          |
|                              | Gas                                                    | Type    |      | Flare connection |                                                                               |         |          |          |          |
|                              |                                                        | OD      | mm   | 15.9             |                                                                               |         |          |          |          |
|                              | Drain                                                  |         |      |                  | VP20 (I.D. 20/O.D. 26)                                                        |         |          |          |          |
|                              | Heat insulation                                        |         |      |                  | Foamed polystyrene/polyethylene                                               |         |          |          |          |
|                              | Sound absorbing insulation                             |         |      |                  | Butyl Rubber                                                                  |         |          |          |          |
| Drain-up height              |                                                        |         | mm   | 625              |                                                                               |         |          |          |          |
| Control systems              | Infrared remote control                                |         |      |                  | BRC4C65                                                                       |         |          |          |          |
|                              | Simplified wired remote control for hotel applications |         |      |                  | BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)                     |         |          |          |          |
|                              | Wired remote control                                   |         |      |                  | BRC1D52 / BRC1E52A/B                                                          |         |          |          |          |

Standard Accessories : Installation and operation manual; Quantity : 1;

Standard Accessories : Drain hose; Quantity : 1;

Standard Accessories : Metal clamp for drain hose; Quantity : 1;

Standard Accessories : Washer for hanger bracket; Quantity : 8;

## 2 Specifications

Standard Accessories : Screws; Quantity : 40;

Standard Accessories : Insulation for fitting; Quantity : 2;

Standard Accessories : Sealing pad; Quantity : 5;

Standard Accessories : Clamps; Quantity : 4;

| 2-3 Electrical Specifications |                            |       |    | FXSQ15A     | FXSQ20A | FXSQ25A | FXSQ32A | FXSQ40A | FXSQ50A |
|-------------------------------|----------------------------|-------|----|-------------|---------|---------|---------|---------|---------|
| Power supply                  | Name                       |       |    | VE          |         |         |         |         |         |
|                               | Phase                      |       |    | 1~          |         |         |         |         |         |
|                               | Frequency                  |       | Hz | 50/60       |         |         |         |         |         |
|                               | Voltage                    |       | V  | 220-240/220 |         |         |         |         |         |
| Voltage range                 | Min.                       |       | %  | -10         |         |         |         |         |         |
|                               | Max.                       |       | %  | 10          |         |         |         |         |         |
| Current - 50Hz                | Minimum circuit amps (MCA) |       | A  | 0.4         |         |         |         | 0.8     |         |
|                               | Maximum fuse amps (MFA)    |       | A  | 16          |         |         |         |         |         |
|                               | Full load amps (FLA)       | Total | A  | 0.3         |         |         |         | 0.6     |         |

| 2-4 Electrical Specifications |                            |       |    | FXSQ63A     | FXSQ80A | FXSQ100A | FXSQ125A | FXSQ140A |
|-------------------------------|----------------------------|-------|----|-------------|---------|----------|----------|----------|
| Power supply                  | Name                       |       |    | VE          |         |          |          |          |
|                               | Phase                      |       |    | 1~          |         |          |          |          |
|                               | Frequency                  |       | Hz | 50/60       |         |          |          |          |
|                               | Voltage                    |       | V  | 220-240/220 |         |          |          |          |
| Voltage range                 | Min.                       |       | %  | -10         |         |          |          |          |
|                               | Max.                       |       | %  | 10          |         |          |          |          |
| Current - 50Hz                | Minimum circuit amps (MCA) |       | A  | 0.9         | 1.0     | 1.5      | 2.0      | 1.9      |
|                               | Maximum fuse amps (MFA)    |       | A  | 16          |         |          |          |          |
|                               | Full load amps (FLA)       | Total | A  | 0.7         | 0.8     | 1.2      | 1.6      | 1.5      |

### Notes

The sound power level is an absolute value indicating the power which a sound source generates.

Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.

Select wire size based on the value of MCA

Maximum allowable voltage range variation between phases is 2%.

Use a circuit breaker instead of a fuse.

MCA/MFA; MCA= 1,25 x FLA; MFA=1.4 x FLA; The next lower standard fuse rating is minimum 16 ampere.

### 3 Electrical data

#### 3 - 1 Electrical Data

##### FXSQ-A

| Model        | Power supply      |                   |                                                                      |     |     | IFM | Power input [W] |         |
|--------------|-------------------|-------------------|----------------------------------------------------------------------|-----|-----|-----|-----------------|---------|
|              | A                 | B                 | C                                                                    | MCA | MFA | FLA | Cooling         | Heating |
| FXSQ15A2VEB  | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 0,4 | 16  | 0,3 | 41              | 38      |
| FXSQ20A2VEB  | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 0,4 | 16  | 0,3 | 41              | 38      |
| FXSQ25A2VEB  | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 0,4 | 16  | 0,3 | 41              | 38      |
| FXSQ32A2VEB  | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 0,4 | 16  | 0,3 | 45              | 42      |
| FXSQ40A2VEB  | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 0,8 | 16  | 0,6 | 92              | 89,0    |
| FXSQ50A2VEB  | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 0,8 | 16  | 0,6 | 95              | 92      |
| FXSQ63A2VEB  | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 0,9 | 16  | 0,7 | 95              | 92      |
| FXSQ80A2VEB  | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 1,0 | 16  | 0,8 | 121             | 118     |
| FXSQ100A2VEB | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 1,5 | 16  | 1,2 | 157             | 154,0   |
| FXSQ125A2VEB | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 2,0 | 16  | 1,6 | 214             | 211     |
| FXSQ140A2VEB | 50/60<br>50<br>50 | 220<br>230<br>240 | MAX. 60Hz 242V<br>MAX. 50Hz 264V<br>MIN. 60Hz 198V<br>MIN. 50Hz 198V | 1,9 | 16  | 1,5 | 243             | 240     |

##### Notes

- 1 Voltage range  
The units are suitable for use with electrical systems in which the voltage supplied to the unit terminals is not below or above the listed range limits.
- 2 Select the wire size according to the MCA.
- 3 The maximum allowable voltage that is unbalanced between phases is 2%.
- 4 Use a circuit breaker instead of a fuse.  
MCA/MFA  
MCA=1.25 x FLA; MFA ≤ 4 x FLA
- 5 The next lower standard fuse rating is minimum 16 ampere.

##### Symbols

- A Hz  
B Voltage  
C Voltage range  
MCA Minimum Circuit Ampere (A)  
MFA Maximum Fuse Ampere (A)
- IFM Indoor fan motor  
FLA Full Load Ampere (A)

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## 4 Safety device settings

### 4 - 1 Safety Device Settings

#### FXSQ-A

|      |                              | 15           | 20           | 25           | 32           | 40           | 50           | 63           | 80           | 100          | 125          | 140          |
|------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FXSQ | Safety devices               |              |              |              |              |              |              |              |              |              |              |              |
|      | Printed circuit board (main) | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A | 250V, 3, 15A |
|      | Printed circuit board (fan)  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  | 250V, 6, 3A  |
|      | Fan motor thermal protector  | * C          | ---          | ---          | ---          | ---          | ---          | ---          | ---          | ---          | ---          | ---          |
|      | Drain pump fuse              | * C          | 145          | 145          | 145          | 145          | 145          | 145          | 145          | 145          | 145          | 145          |

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# 5 Options

## 5 - 1 Options

### FXSQ-A

#### Discharge related

| Description                     | Option name | FXSQ15-32A | FXSQ40-50A | FXSQ63-80A | FXSQ100-125A | FXSQ140A |
|---------------------------------|-------------|------------|------------|------------|--------------|----------|
| Air inlet and discharge related | KDAP25A36A  | x          |            |            |              |          |
|                                 | KDAP25A56A  |            | x          |            |              |          |
|                                 | KDAP25A71A  |            |            | x          |              |          |
|                                 | KDAP25A140A |            |            |            | x            |          |

#### Operation control

| Description                                                             | Option name | FXSQ15-32A | FXSQ40-50A | FXSQ63-80A | FXSQ100-125A | FXSQ140A   |
|-------------------------------------------------------------------------|-------------|------------|------------|------------|--------------|------------|
| Wired remote controller                                                 | BRC1D528    | x          | x          | x          | x            | x          |
|                                                                         | BRC1E52A/B  | x          | x          | x          | x            | x          |
| Central remote controller                                               | DCS302CA51  | x          | x          | x          | x            | x          |
| Unified ON/OFF controller                                               | DCS301BA51  | x          | x          | x          | x            | x          |
| I-Touch controller                                                      | DSC601A51   | x          | x          | x          | x            | x          |
| Schedule timer                                                          | DST301BA51  | x          | x          | x          | x            | x          |
| Adapter for wiring (interlock for fresh air intake fan)                 | KRP1BA59    |            |            |            |              |            |
| Wiring adapter for electrical appendices                                | KRP4A52     | x (*4)     | x (*4)     | x (*4)     | x (*4)       | x (*4)     |
| Wiring adapter for electrical appendices (*2)                           | KRP2A51     | x (*4)     | x (*4)     | x (*4)     | x (*4)       | x (*4)     |
| Interface adapter for Sky Air series                                    | DTA112BA51  |            |            |            |              |            |
| Option PCB for external electrical heater, humidifier and/or hour meter | EKRP1B2A    | x (*1,2,3) | x (*1,2,3) | x (*1,2,3) | x (*1,2,3)   | x (*1,2,3) |
| Infrared remote controller                                              | H/P         |            |            |            |              |            |
|                                                                         | C/O         |            |            |            |              |            |
| Simplified remote controller (Hotel)                                    | BRC2E52C7   | x (*6)     | x (*6)     | x (*6)     | x (*6)       | x (*6)     |
| Remote controller for hotel use                                         | BRC23E52C7  | x (*6)     | x (*6)     | x (*6)     | x (*6)       | x (*6)     |
| Remote sensor                                                           | KRCS01-4B   | x          | x          | x          | x            | x          |
| Electric box with earth terminal - 3 blocks                             | KJB311A     | x          | x          | x          | x            | x          |
| Electric box with earth terminal - 2 blocks                             | KJB212A     | x          | x          | x          | x            | x          |
| Electric box with earth terminal                                        | KJB411A     | x          | x          | x          | x            | x          |
| External adaptor for outdoor unit (installation on indoor unit)         | DTA104A61   | x          | x          | x          | x            | x          |
| Option PCB for Multi tenant                                             | DTA114A61   | x          | x          | x          | x            | x          |
| Installation box for adapter PCB                                        | KRP1BA101   | x          | x          | x          | x            | x          |
|                                                                         | KRP1B101    | x          | x          | x          | x            | x          |
| Digital input adaptor                                                   | BRP7A51     | x (*3,5)   | x (*3,5)   | x (*3,5)   | x (*3,5)     | x (*3,5)   |

(\*1) Electrical heater and humidifier are field supply. These parts should not be installed inside the equipment. (Refer to installation manual EKRP1B2A).

(\*2) If installing an electrical heater, an option PCB for external electrical heater (EKRP1B2) for each indoor unit is required.

(\*3) Mounting plate KRP4A56 is required for these options. Maximum 2 option PCBs can be mounted.

(\*4) This option needs to be installed together with installation box KRP1B101 / KRP1BA101.

(\*5) Only possible in combination with simplified remote control BRC2/3E52C7.

(\*6) Included languages are:

Language pack 1: English, German, French, Dutch, Spanish, Italian and Portuguese.

With PC cable - EKPPCAB3 - in combination with the Updater PC software, you can additionally change the language to:

Language pack 2: English, Bulgarian, Croatian, Czech, Hungarian, Romanian and Slovenian.

Language pack 3: English, Greek, Polish, Russian, Serbian, Slovakian and Turkish.

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# 6 Capacity tables

## 6 - 1 Cooling Capacity Tables

### FXSQ-A

| FXSQ<br>50Hz | Unit size | Outdoor<br>°CDB | 14.0 WB |     | 16.0 WB |      | 18.0 WB |      | 19.0 WB |      | 20.0 WB |      | 22.0 WB |      | 24.0 WB |      |
|--------------|-----------|-----------------|---------|-----|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|
|              |           |                 | 20.0 DB |     | 23.0 DB |      | 26.0 DB |      | 27.0 DB |      | 28.0 DB |      | 30.0 DB |      | 32.0 DB |      |
|              |           |                 | TC      | SHC | TC      | SHC  | TC      | SHC  | TC      | SHC  | TC      | SHC  | TC      | SHC  | TC      | SHC  |
|              | 15        | 35.0            | 1.1     | 0.9 | 1.4     | 1.1  | 1.6     | 1.2  | 1.7     | 1.2  | 1.7     | 1.2  | 1.8     | 1.2  | 1.8     | 1.2  |
|              | 20        | 35.0            | 1.5     | 1.2 | 1.8     | 1.4  | 2.1     | 1.6  | 2.2     | 1.6  | 2.2     | 1.6  | 2.3     | 1.5  | 2.3     | 1.5  |
|              | 25        | 35.0            | 1.9     | 1.5 | 2.3     | 1.8  | 2.6     | 2.0  | 2.8     | 2.0  | 2.8     | 2.0  | 2.9     | 1.9  | 3.0     | 1.9  |
|              | 32        | 35.0            | 2.4     | 2.0 | 2.9     | 2.3  | 3.4     | 2.6  | 3.6     | 2.6  | 3.6     | 2.6  | 3.7     | 2.5  | 3.8     | 2.4  |
|              | 40        | 35.0            | 3.0     | 2.5 | 3.6     | 2.9  | 4.2     | 3.3  | 4.5     | 3.3  | 4.6     | 3.3  | 4.7     | 3.2  | 4.8     | 3.1  |
|              | 50        | 35.0            | 3.8     | 3.1 | 4.5     | 3.6  | 5.2     | 4.0  | 5.6     | 4.1  | 5.7     | 4.1  | 5.8     | 3.9  | 5.9     | 3.8  |
|              | 63        | 35.0            | 4.8     | 3.9 | 5.7     | 4.5  | 6.6     | 5.1  | 7.1     | 5.2  | 7.2     | 5.1  | 7.4     | 4.9  | 7.5     | 4.8  |
|              | 80        | 35.0            | 6.1     | 4.9 | 7.2     | 5.7  | 8.4     | 6.3  | 9.0     | 6.5  | 9.1     | 6.4  | 9.3     | 6.2  | 9.5     | 5.9  |
|              | 100       | 35.0            | 7.6     | 6.3 | 9.0     | 7.2  | 10.5    | 8.1  | 11.2    | 8.3  | 11.3    | 8.2  | 11.6    | 7.9  | 11.9    | 7.7  |
|              | 125       | 35.0            | 9.4     | 7.8 | 11.3    | 8.9  | 13.1    | 10.0 | 14.0    | 10.2 | 14.2    | 10.0 | 14.5    | 9.7  | 14.9    | 9.4  |
|              | 140       | 35.0            | 10.8    | 8.9 | 12.9    | 10.2 | 15.0    | 11.4 | 16.0    | 11.7 | 16.2    | 11.5 | 16.6    | 11.2 | 17.0    | 10.8 |

TC: Total capacity :kW  
 SHC: Sensible heating capacity :kW

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## 6 Capacity tables

### 6 - 2 Heating Capacity Tables

#### FXSQ-A

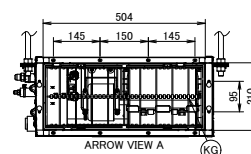
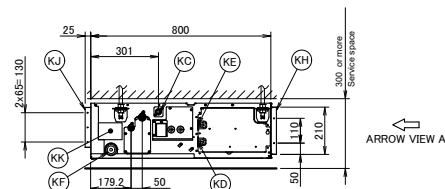
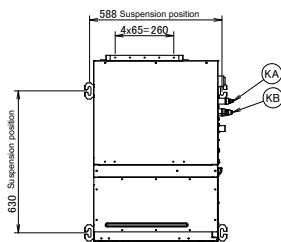
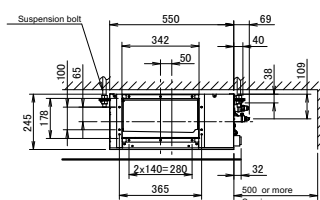
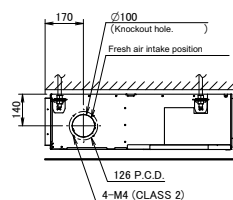
| Unit size | Outdoor air temp. |      | Indoor air temp.: °CDB |            |            |            |            |            |
|-----------|-------------------|------|------------------------|------------|------------|------------|------------|------------|
|           | °CDB              | °CWB | 16.0<br>kW             | 18.0<br>kW | 20.0<br>kW | 21.0<br>kW | 22.0<br>kW | 24.0<br>kW |
| 15        | 7.0               | 6.0  | 2.0                    | 2.0        | 1.9        | 1.8        | 1.8        | 1.7        |
| 20        | 7.0               | 6.0  | 2.6                    | 2.6        | 2.5        | 2.4        | 2.3        | 2.2        |
| 25        | 7.0               | 6.0  | 3.4                    | 3.4        | 3.2        | 3.1        | 3.0        | 2.8        |
| 32        | 7.0               | 6.0  | 4.2                    | 4.2        | 4.0        | 3.9        | 3.7        | 3.5        |
| 40        | 7.0               | 6.0  | 5.2                    | 5.2        | 5.0        | 4.8        | 4.7        | 4.4        |
| 50        | 7.0               | 6.0  | 6.6                    | 6.6        | 6.3        | 6.1        | 5.9        | 5.5        |
| 63        | 7.0               | 6.0  | 8.4                    | 8.4        | 8.0        | 7.7        | 7.5        | 7.0        |
| 80        | 7.0               | 6.0  | 10.5                   | 10.5       | 10.0       | 9.7        | 9.4        | 8.7        |
| 100       | 7.0               | 6.0  | 13.1                   | 13.1       | 12.5       | 12.1       | 11.7       | 10.9       |
| 125       | 7.0               | 6.0  | 16.8                   | 16.8       | 16.0       | 15.5       | 15.0       | 13.9       |
| 140       | 7.0               | 6.0  | 18.9                   | 18.9       | 18.0       | 17.4       | 16.8       | 15.7       |

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# 7 Dimensional drawings

## 7 - 1 Dimensional Drawings

### FXSQ15-32A

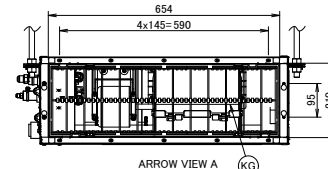
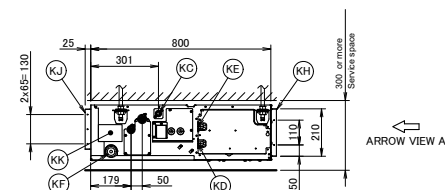
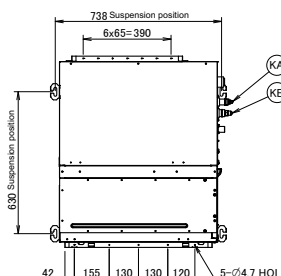
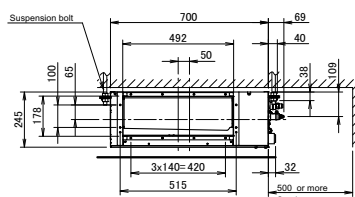
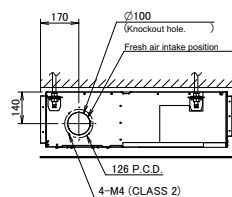


| Item | Name                        | Description              |
|------|-----------------------------|--------------------------|
| KA   | Liquid pipe connection port | Ø6.35 flared connection  |
| KB   | Gas pipe connection port    | Ø12.70 flared connection |
| KC   | Drain pipe connection       | VP20 (OD Ø26, ID Ø20)    |
| KD   | Wiring connection           | /                        |
| KE   | Power supply connection     | /                        |
| KF   | Drain outlet                | VP20 (OD Ø26, ID Ø20)    |
| KG   | Air filter                  | /                        |
| KH   | Air suction side            | /                        |
| KJ   | Air discharge side          | /                        |
| KK   | Nameplate                   | /                        |

Notes  
 1. When installing optional accessories, refer to their respective documentation.  
 2. The ceiling depth varies according to the documentation of the specific system.

3D094888A

### FXSQ40-50A



| Item | Name                        | Description              |
|------|-----------------------------|--------------------------|
| KA   | Liquid pipe connection port | Ø6.35 flared connection  |
| KB   | Gas pipe connection port    | Ø12.70 flared connection |
| KC   | Drain pipe connection       | VP20 (OD Ø26, ID Ø20)    |
| KD   | Wiring connection           | /                        |
| KE   | Power supply connection     | /                        |
| KF   | Drain outlet                | VP20 (OD Ø26, ID Ø20)    |
| KG   | Air filter                  | /                        |
| KH   | Air suction side            | /                        |
| KJ   | Air discharge side          | /                        |
| KK   | Nameplate                   | /                        |

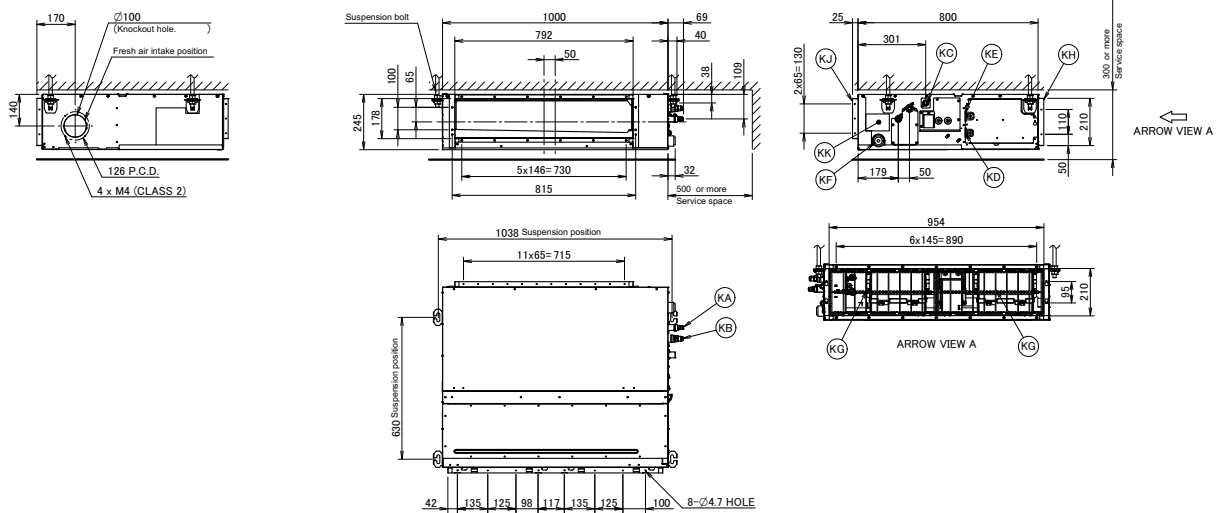
Notes  
 1. When installing optional accessories, refer to their respective documentation.  
 2. The ceiling depth varies according to the documentation of the specific system.

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## 7 Dimensional drawings

## 7 - 1 Dimensional Drawings

**FXSQ63-80A**



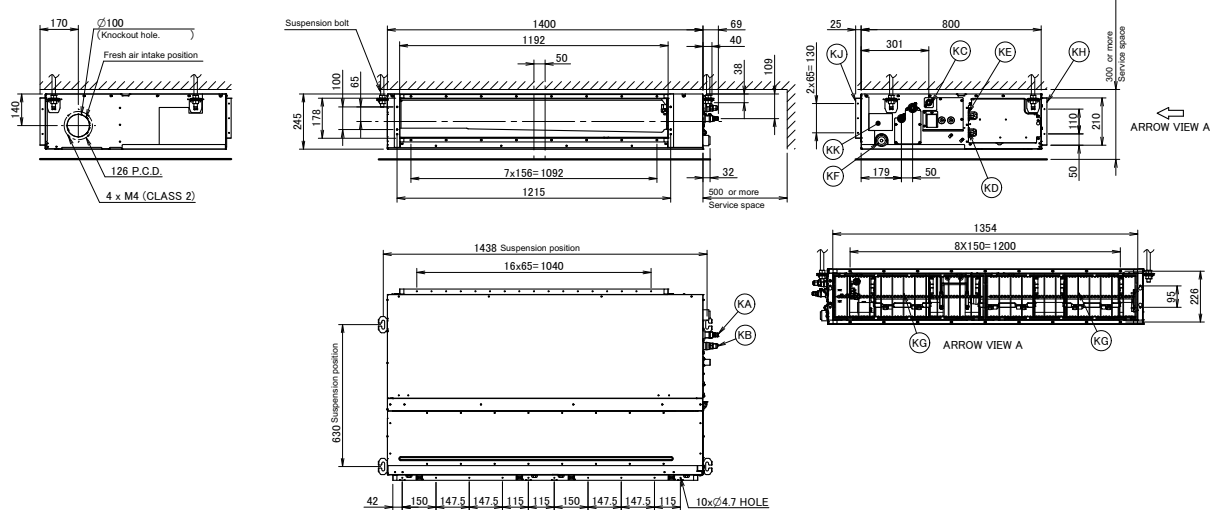
| Item | Name                        | Description              |
|------|-----------------------------|--------------------------|
| KA   | Liquid pipe connection port | Ø9.52 flared connection  |
| KB   | Gas pipe connection port    | Ø15.90 flared connection |
| KC   | Drain pipe connection       | VP20 (OD Ø26, ID Ø20)    |
| KD   | Wiring connection           | /                        |
| KE   | Power supply connection     | /                        |
| KF   | Drain outlet                | VP20 (OD Ø26, ID Ø20)    |
| KG   | Air filter                  | /                        |
| KH   | Air suction side            | /                        |
| KJ   | Air discharge side          | /                        |
| KX   | Nameplate                   | /                        |

## Notes

1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.

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**FXSQ100-125A**



| Item | Name                        | Description              |
|------|-----------------------------|--------------------------|
| KA   | Liquid pipe connection port | Ø9.52 flared connection  |
| KB   | Gas pipe connection port    | Ø15.90 flared connection |
| KC   | Drain pipe connection       | VP20 (OD Ø26, ID Ø20)    |
| KD   | Wiring connection           | /                        |
| KE   | Power supply connection     | /                        |
| KF   | Drain outlet                | VP20 (OD Ø26, ID Ø20)    |
| KG   | Air filter                  | /                        |
| KH   | Air suction side            | /                        |
| KJ   | Air discharge side          | /                        |
| KK   | Manometer                   | /                        |

## Notes

- NOTES**
1. When installing optional accessories, refer to their respective documentation.
  2. The ceiling depth varies according to the documentation of the specific system.

3D094917A

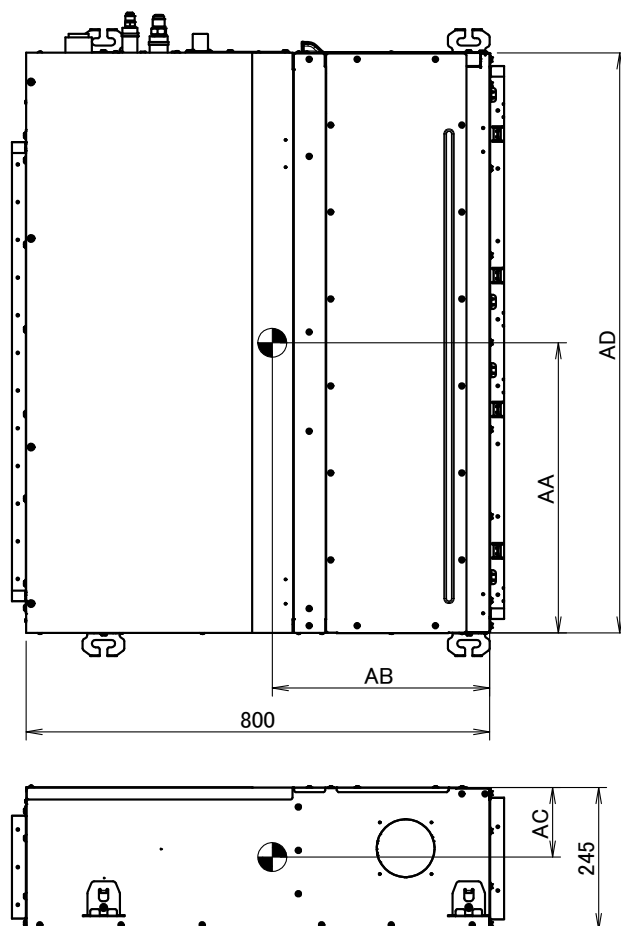


## 8 Centre of gravity

### 8 - 1 Centre of Gravity

#### FXSQ-A

8



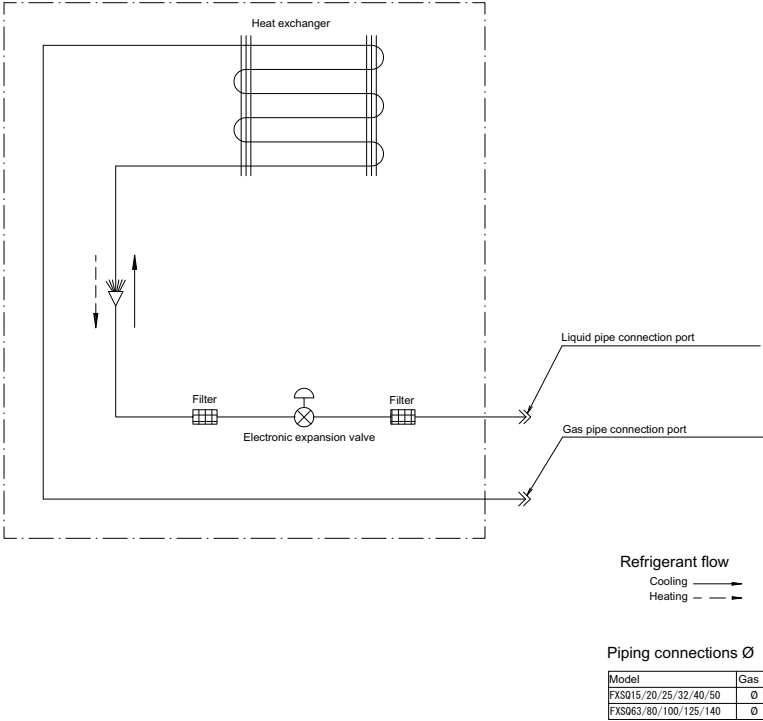
| Applicable models | AA  | AB  | AC  | AB   |
|-------------------|-----|-----|-----|------|
| FXSQ15/20/25/32   | 305 | 365 | 145 | 550  |
| FXSQ40/50         | 410 | 375 | 125 | 700  |
| FXSQ63/80         | 525 | 380 | 125 | 100  |
| FXSQ100/125       | 760 | 390 | 115 | 1400 |
| FXSQ140           | 870 | 385 | 120 | 1550 |

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# 9 Piping diagrams

## 9 - 1 Piping Diagrams

FXSQ-A



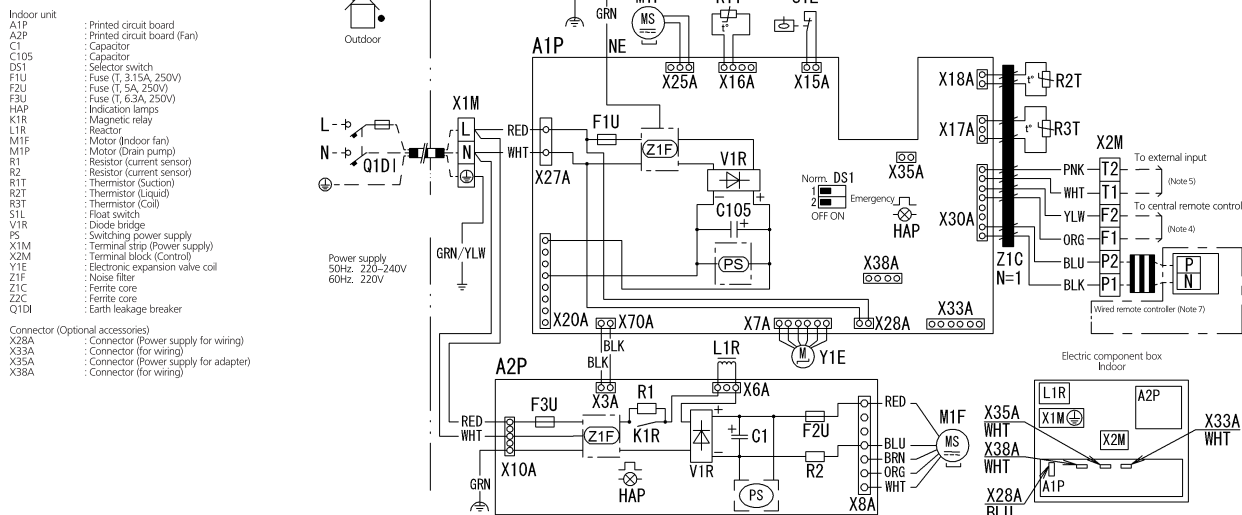
3D090269A

# 10 Wiring diagrams

## 10 - 1 Wiring Diagrams - Single Phase

10

### FXSQ15-125A

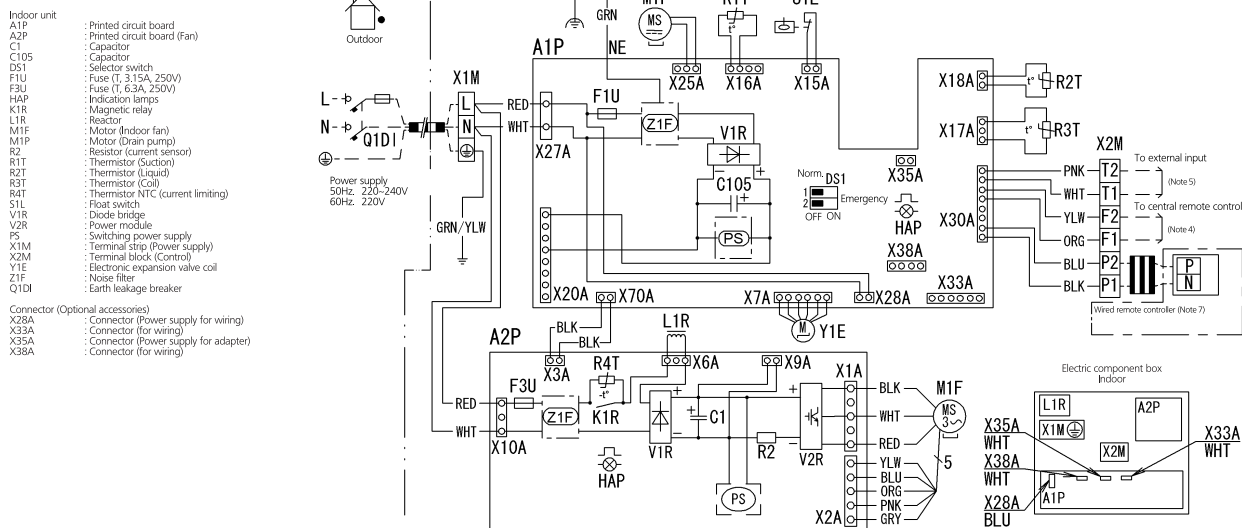


#### Notes

1. : Screw terminal : Connector, : Field wiring
2. In case of a multi-indoor-unit-system with parallel operation, refer to the documentation for the indoor units.
3. For details, refer to the wiring diagram attached to the outdoor unit.
4. When using a central remote control, connect it to the unit according to the installation manual.
5. When connecting the input wires from outside, forced OFF or ON/OFF control operation can be selected by the remote controller.
6. For a multi-indoor-unit-system with parallel operation, the connection ratio (number of indoor units you can connect to the outdoor unit) is different. Before connecting, refer to the Technical data of the General catalogue.
7. For how to switch between the main unit and the sub units, refer to the installation manual of the remote control.
8. Colours: BLK:Black; RED:Red; BLU:Blue; WHT:White; GRN:Green; YLW:Yellow; BRN:Brown; ORG:Orange; PNK:Pink

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### FXSQ140A



#### Notes

1. : Screw terminal : Connector, : Field wiring
2. In case of a multi-indoor-unit-system with parallel operation, refer to the documentation for the indoor units.
3. For details, refer to the wiring diagram attached to the outdoor unit.
4. When using a central remote control, connect it to the unit according to the installation manual.
5. When connecting the input wires from outside, forced OFF or ON/OFF control operation can be selected by the remote controller.
6. For a multi-indoor-unit-system with parallel operation, the connection ratio (number of indoor units you can connect to the outdoor unit) is different. Before connecting, refer to the Technical data of the General catalogue.
7. For how to switch between the main unit and the sub units, refer to the installation manual of the remote control.
8. Colours: BLK:Black; RED:Red; BLU:Blue; WHT:White; GRN:Green; YLW:Yellow; BRN:Brown; ORG:Orange; PNK:Pink

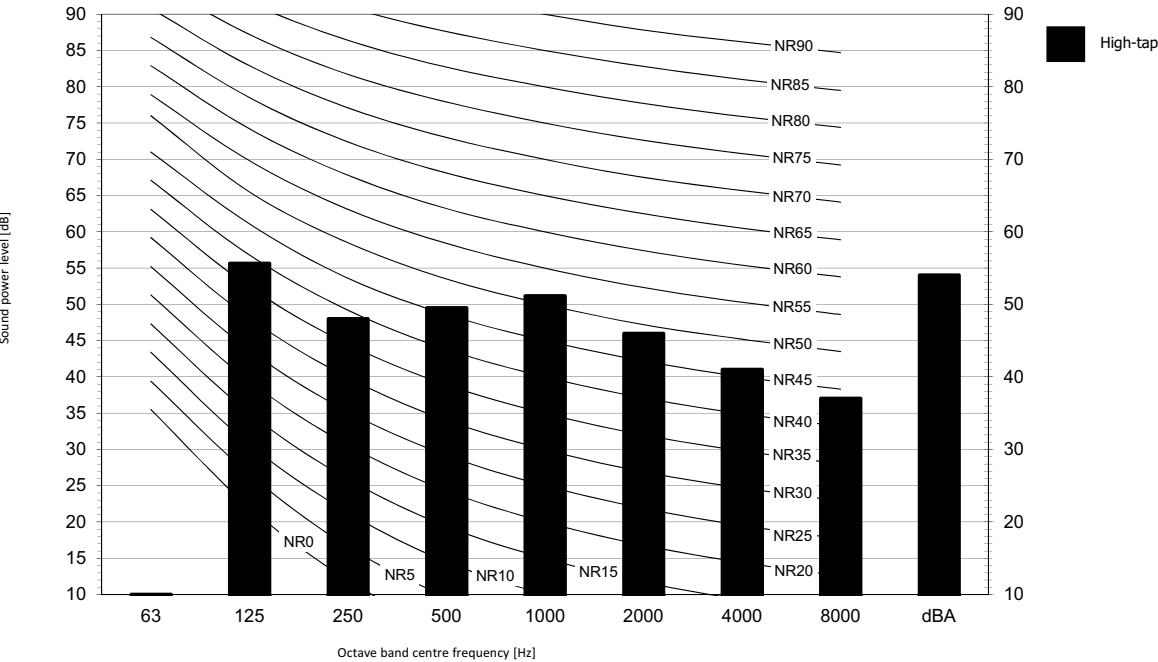
3D090351

# 11 Sound data

## 11 - 1 Sound Power Spectrum

### FXSQ15A

Cooling mode



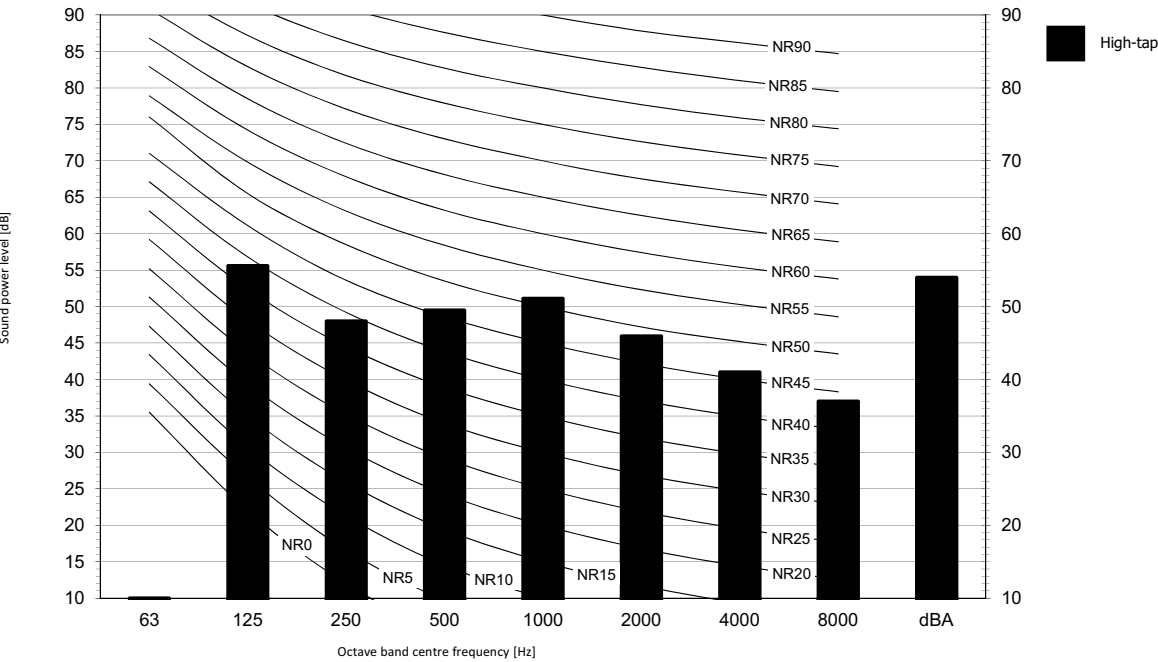
#### Notes

- 1 dBA = A-weighted sound power level (A scale according to IEC).
- 2 Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- 3 Measured according to ISO 3744

3D095590

### FXSQ20-25A

Cooling mode



#### Notes

- 1 dBA = A-weighted sound power level (A scale according to IEC).
- 2 Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- 3 Measured according to ISO 3744

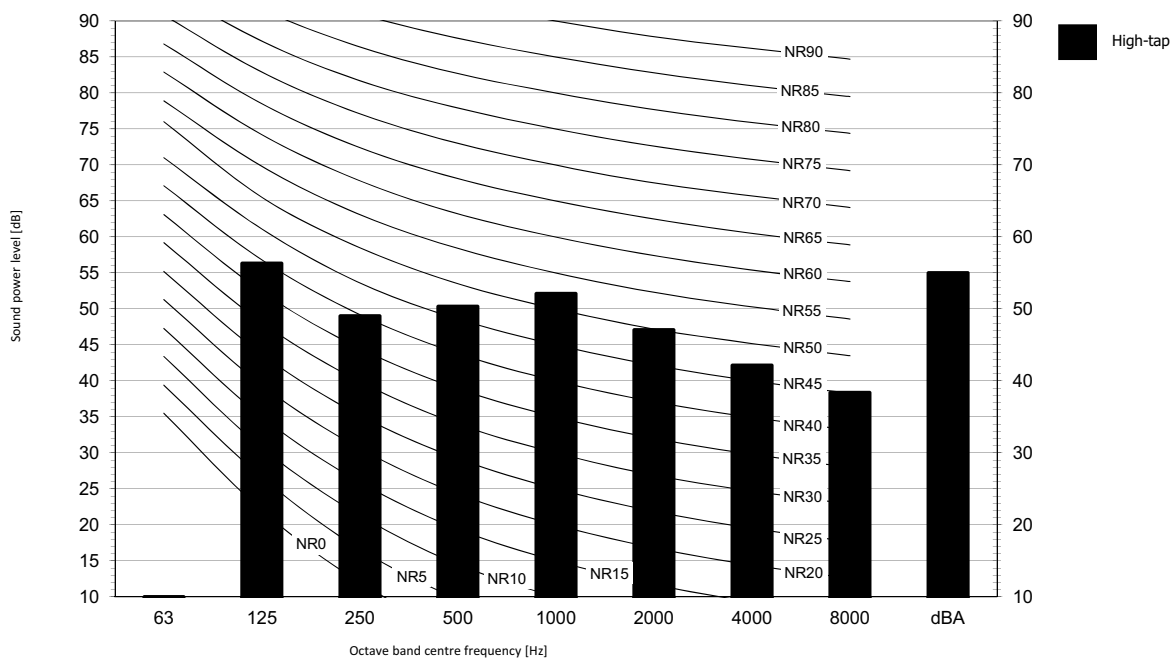
3D095591

# 11 Sound data

## 11 - 1 Sound Power Spectrum

### FXSQ32A

Cooling mode



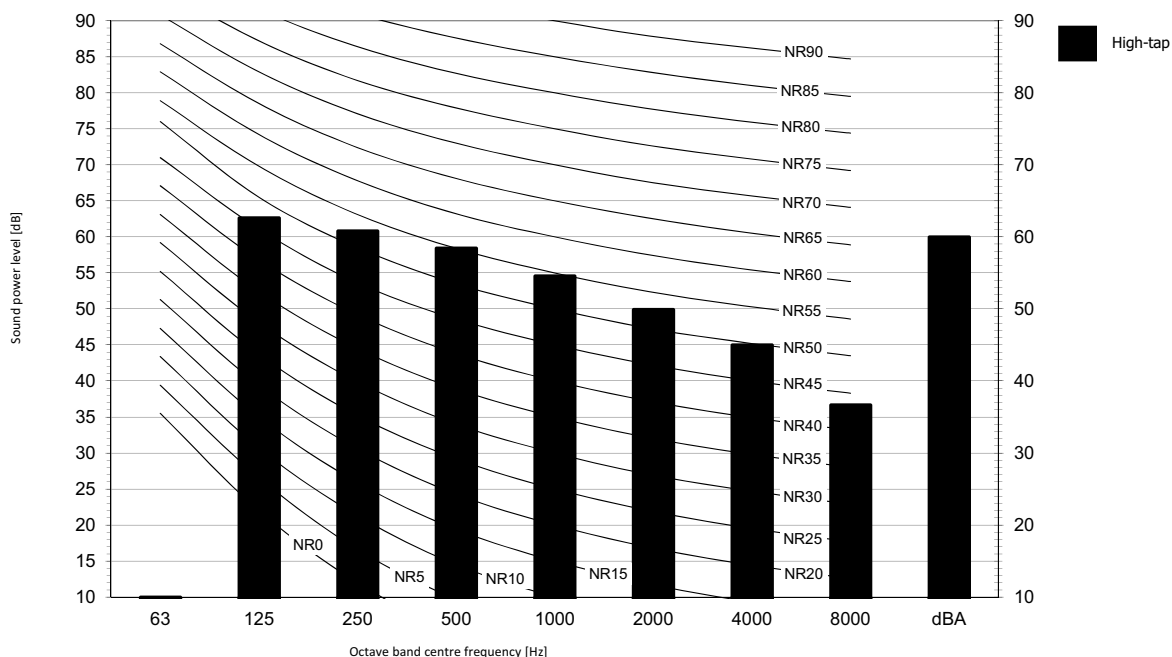
#### Notes

- 1 dBA = A-weighted sound power level (A scale according to IEC).
- 2 Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- 3 Measured according to ISO 3744

3D095592

### FXSQ40-50A

Cooling mode



#### Notes

- 1 dBA = A-weighted sound power level (A scale according to IEC).
- 2 Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- 3 Measured according to ISO 3744

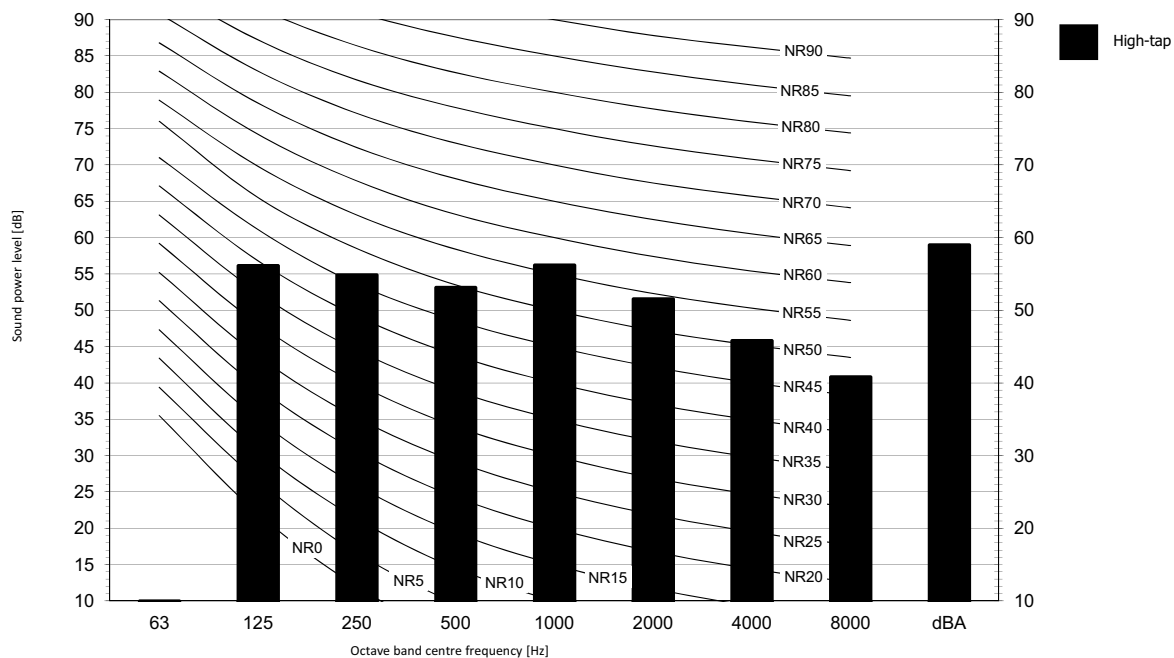
3D095579

# 11 Sound data

## 11 - 1 Sound Power Spectrum

### FXSQ63A

Cooling mode



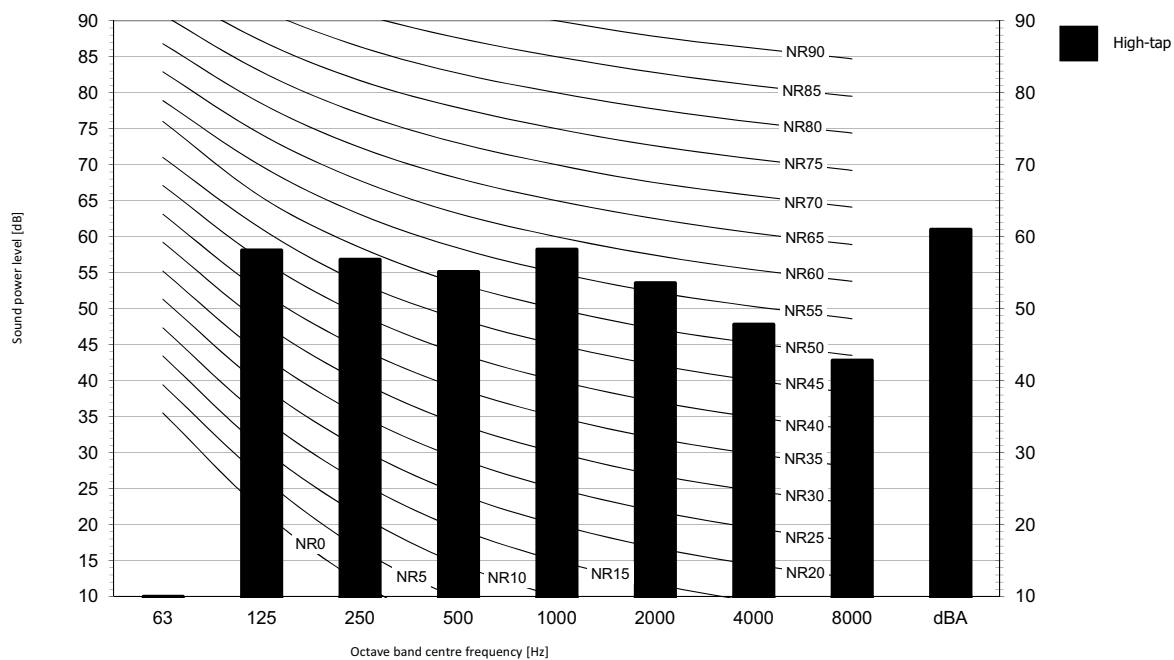
#### Notes

- 1 dBA = A-weighted sound power level (A scale according to IEC).
- 2 Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- 3 Measured according to ISO 3744

3D095593

### FXSQ80A

Cooling mode



#### Notes

- 1 dBA = A-weighted sound power level (A scale according to IEC).
- 2 Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- 3 Measured according to ISO 3744

3D095594

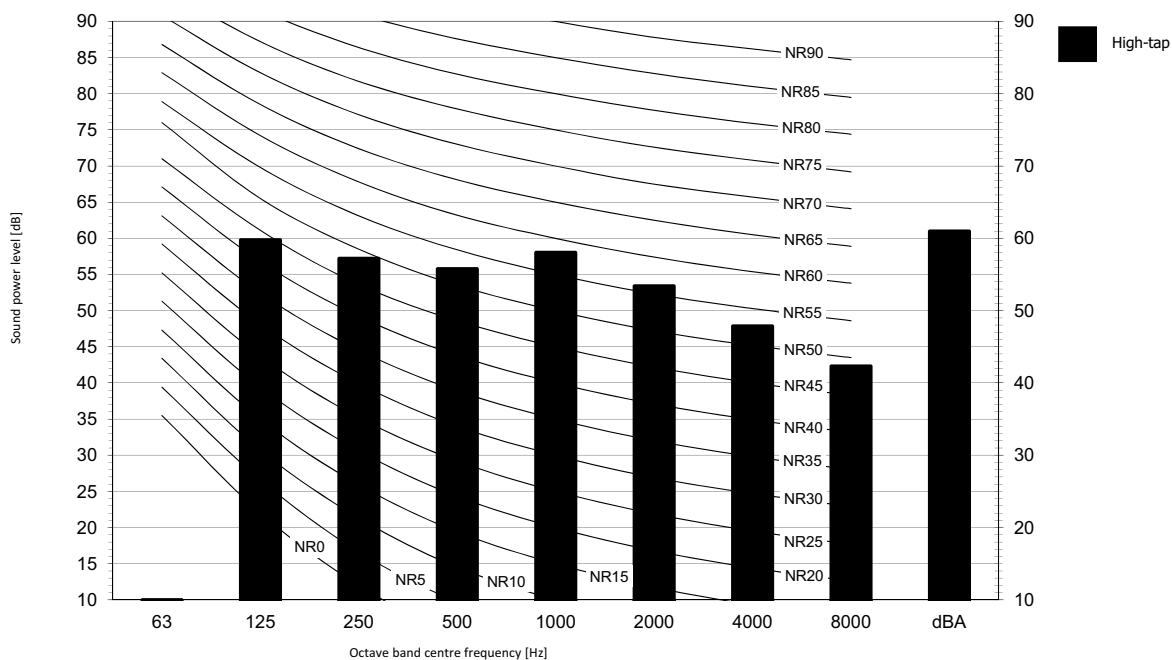
# 11 Sound data

## 11 - 1 Sound Power Spectrum

11

### FXSQ100A

Cooling mode



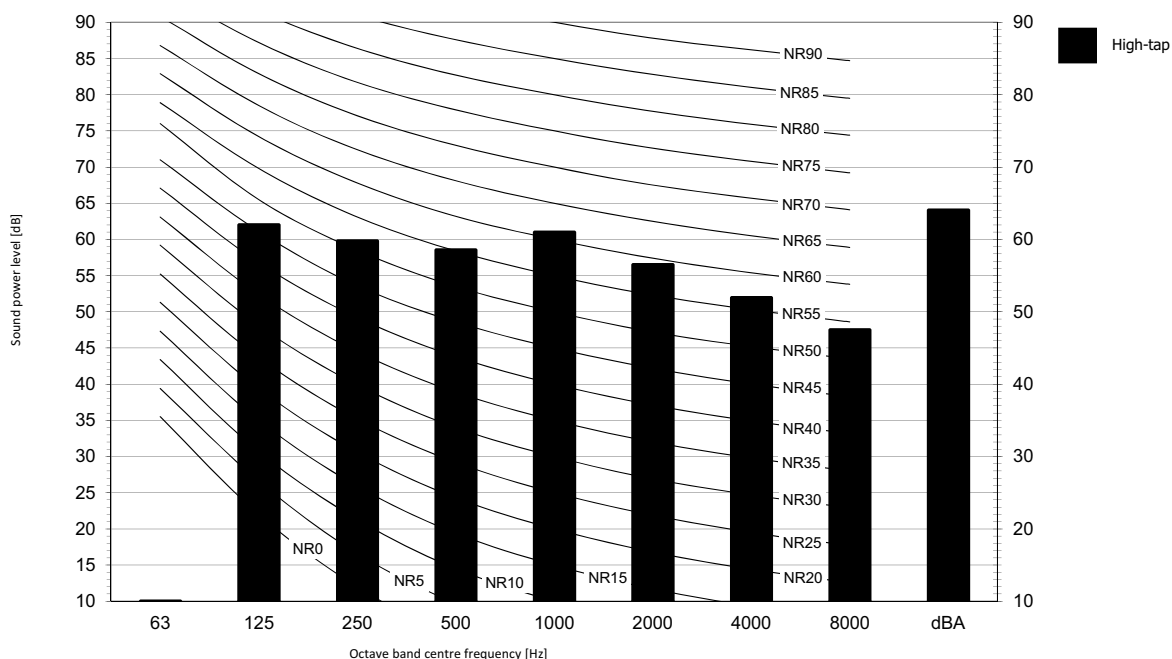
#### Notes

- 1 dBA = A-weighted sound power level (A scale according to IEC).
- 2 Reference acoustic intensity  $0dB = 10E-6\mu W/m^2$
- 3 Measured according to ISO 3744

3D095596

### FXSQ125A

Cooling mode



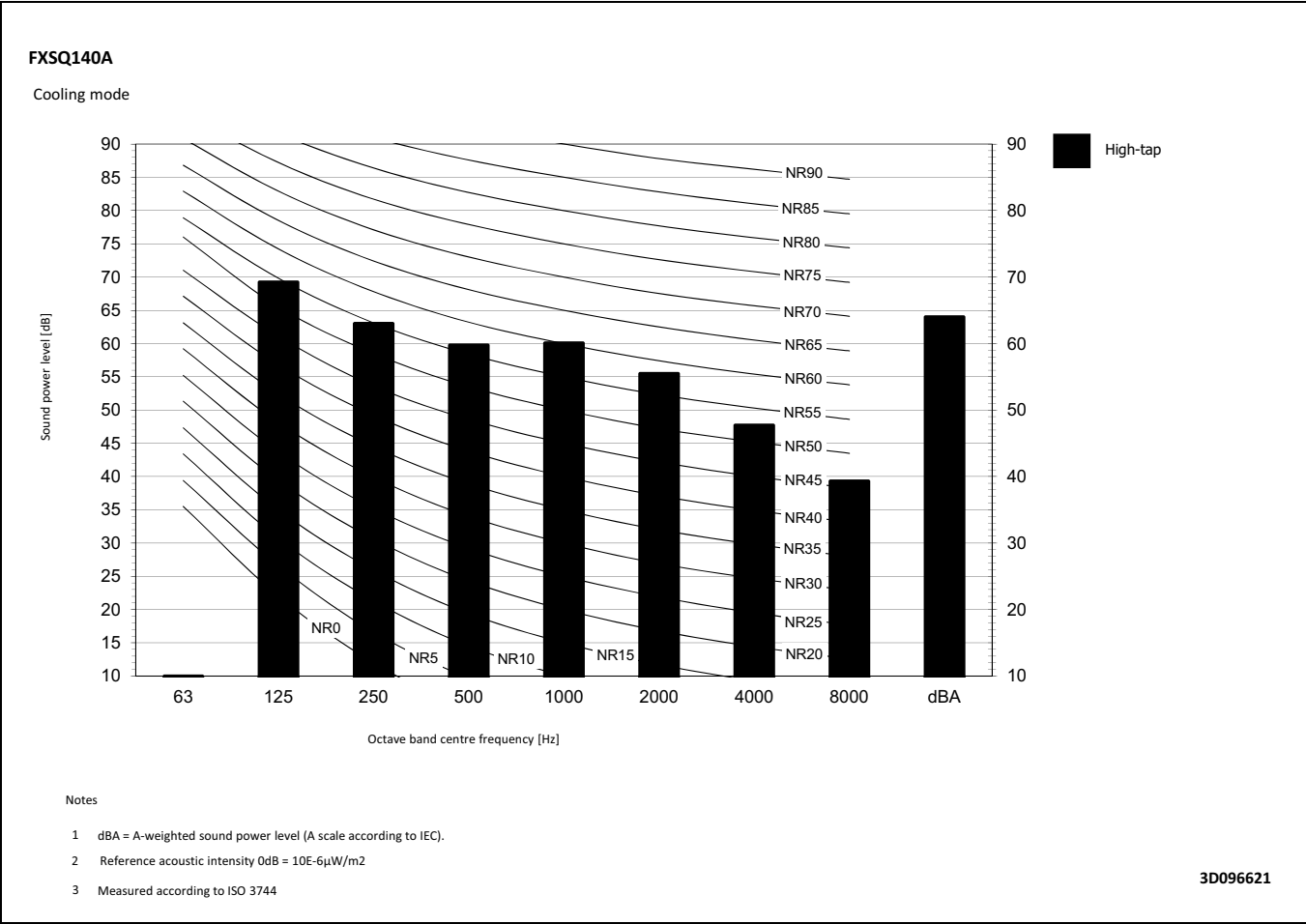
#### Notes

- 1 dBA = A-weighted sound power level (A scale according to IEC).
- 2 Reference acoustic intensity  $0dB = 10E-6\mu W/m^2$
- 3 Measured according to ISO 3744

3D095597

# 11 Sound data

## 11 - 1 Sound Power Spectrum

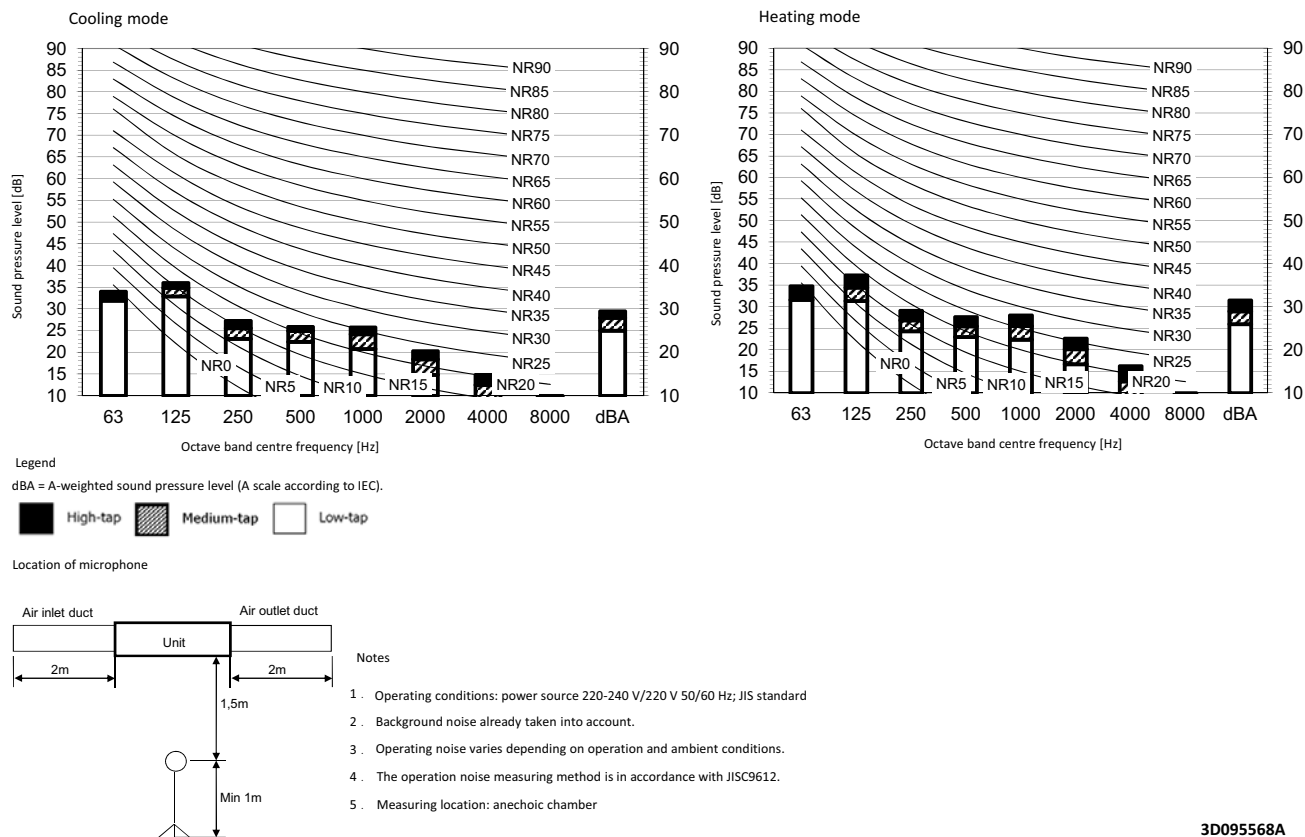


# 11 Sound data

## 11 - 2 Sound Pressure Spectrum

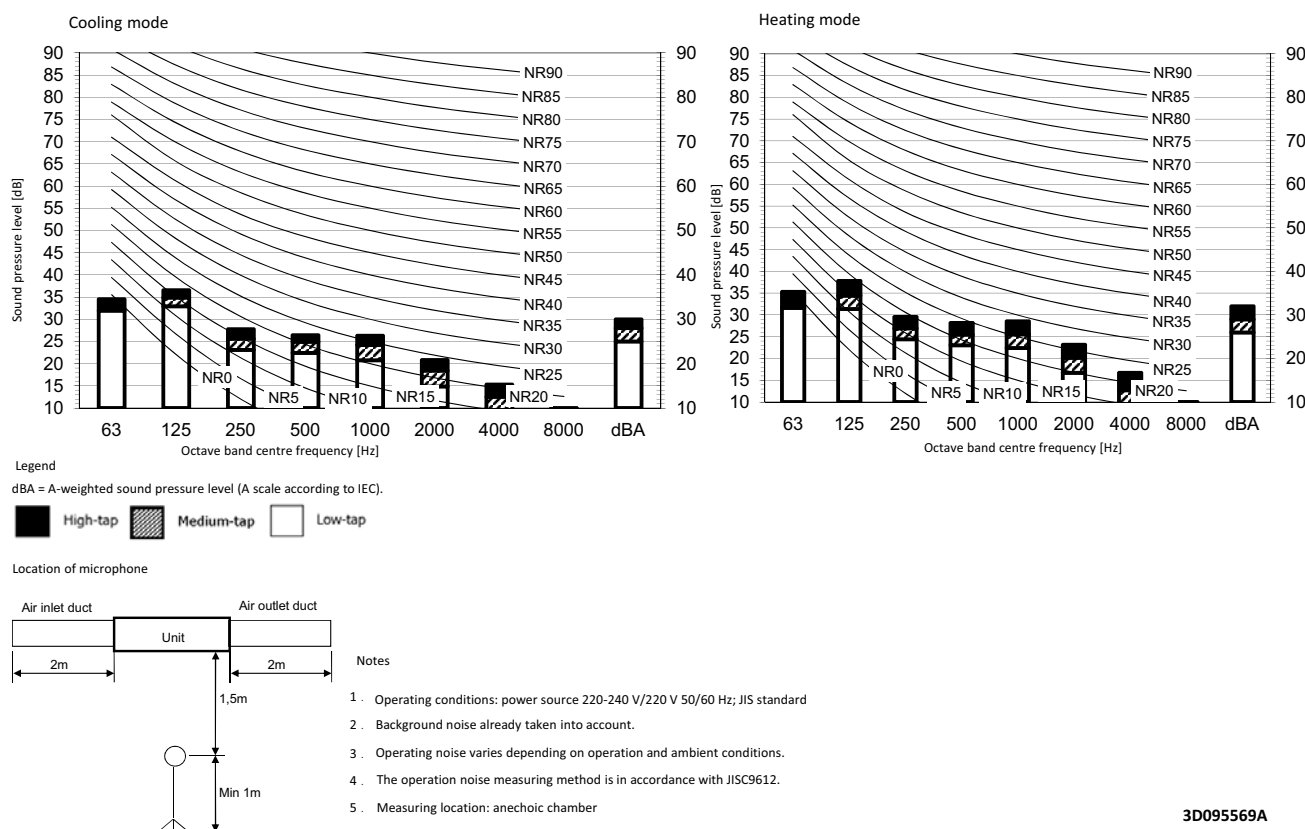
11

### FXSQ15A



3D095568A

### FXSQ20-25A

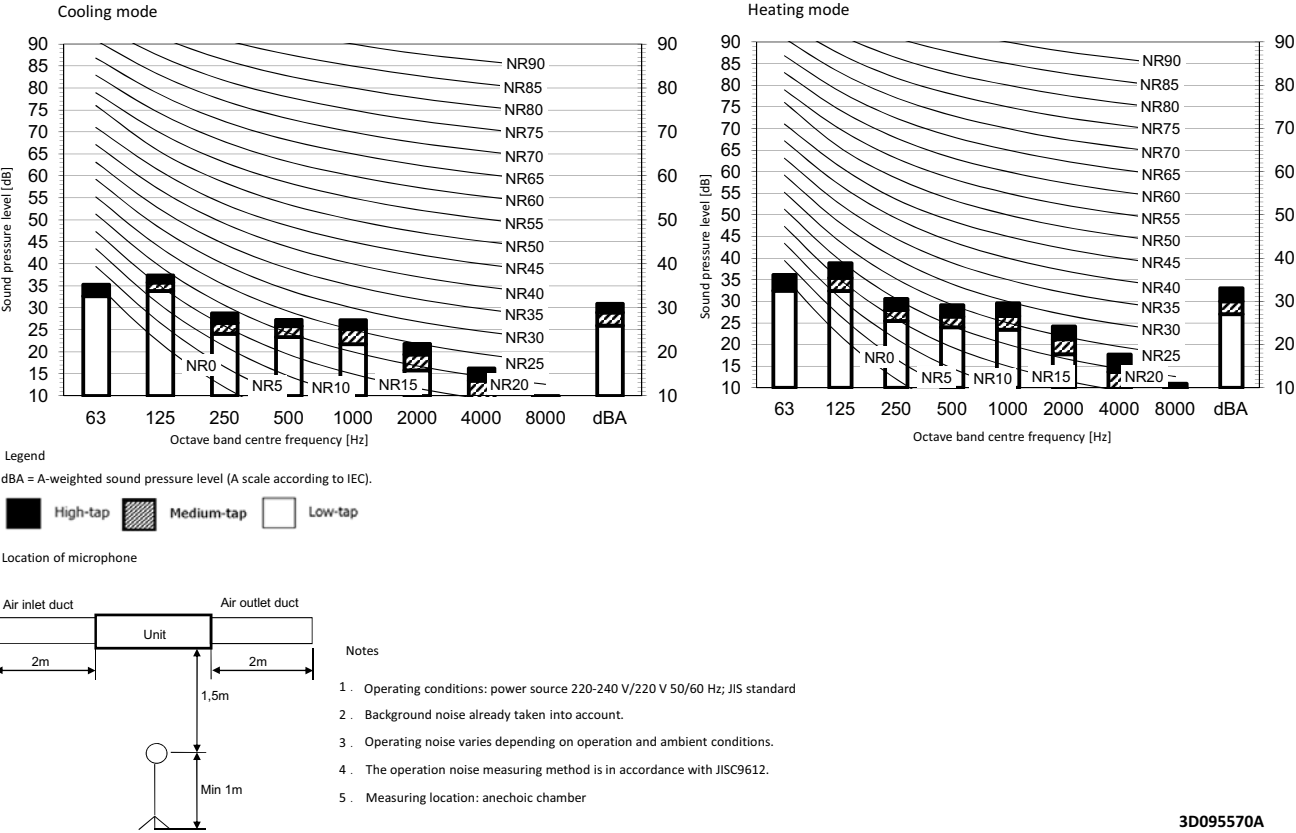


3D095569A

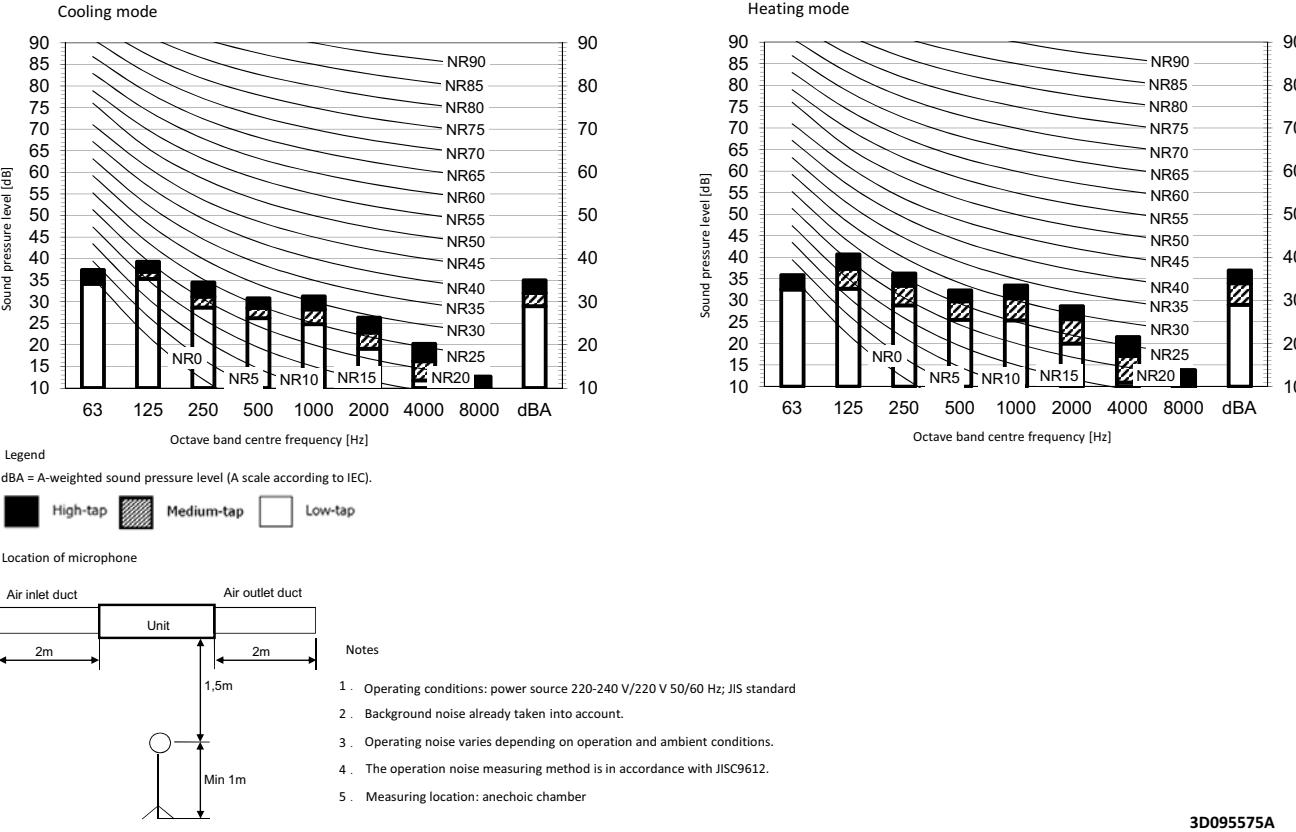
# 11 Sound data

## 11 - 2 Sound Pressure Spectrum

FXSQ32A



FXSQ40-50A

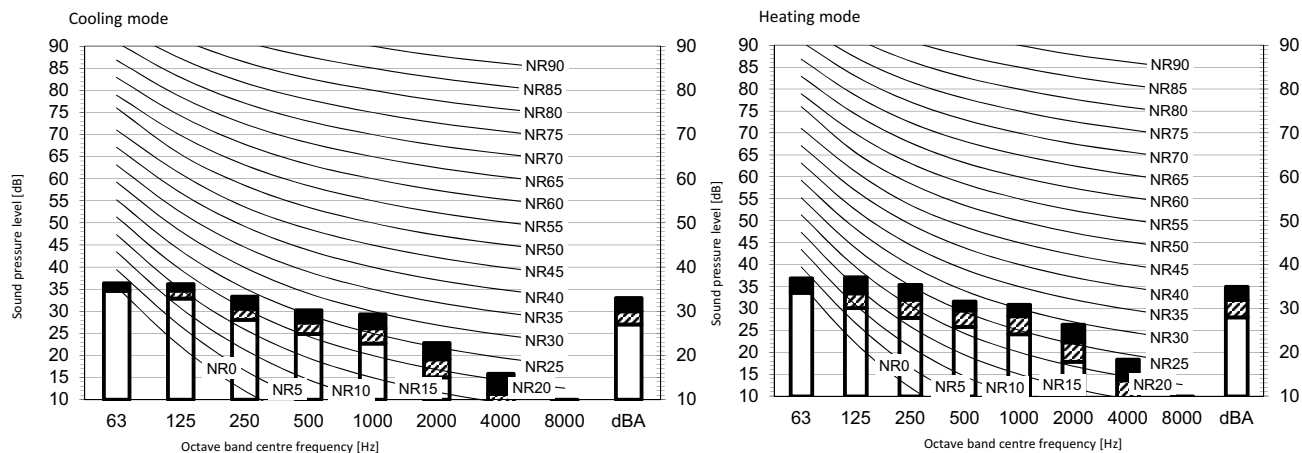


# 11 Sound data

## 11 - 2 Sound Pressure Spectrum

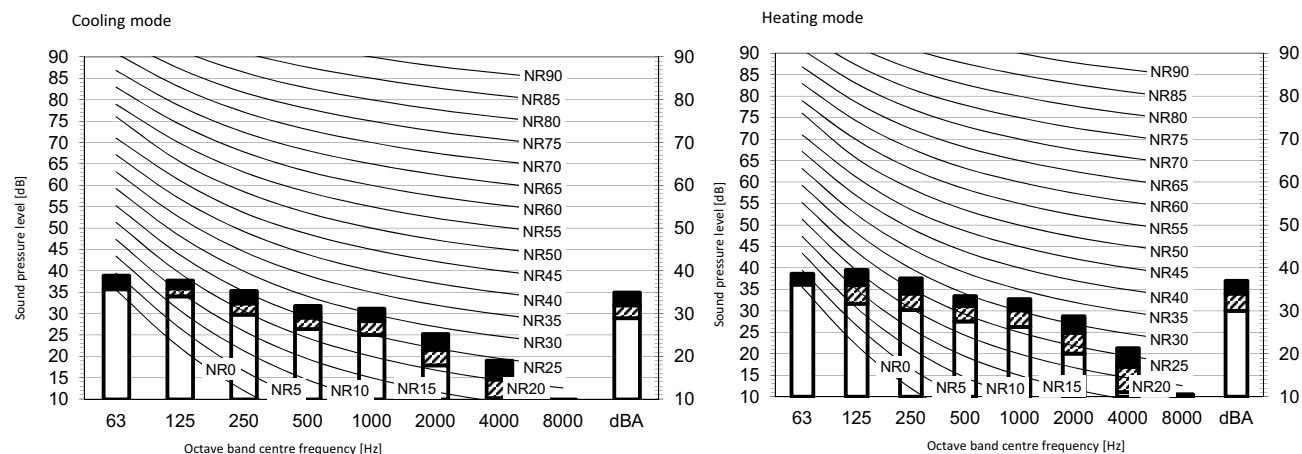
11

### FXSQ63A



3D095571A

### FXSQ80A

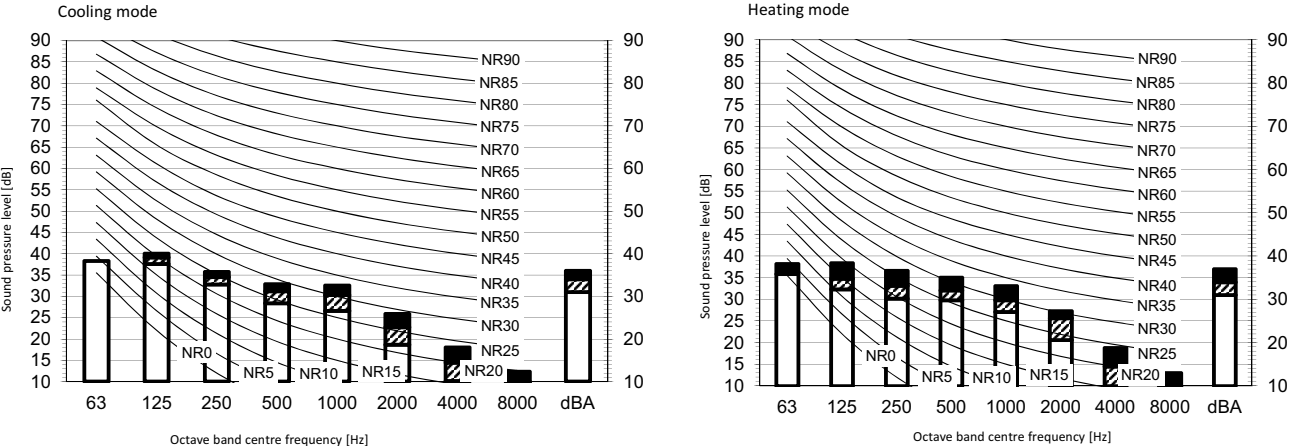


3D095572A

# 11 Sound data

## 11 - 2 Sound Pressure Spectrum

FXSQ100A

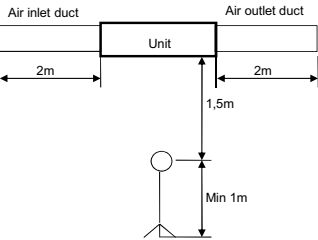


Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

High-tap Medium-tap Low-tap

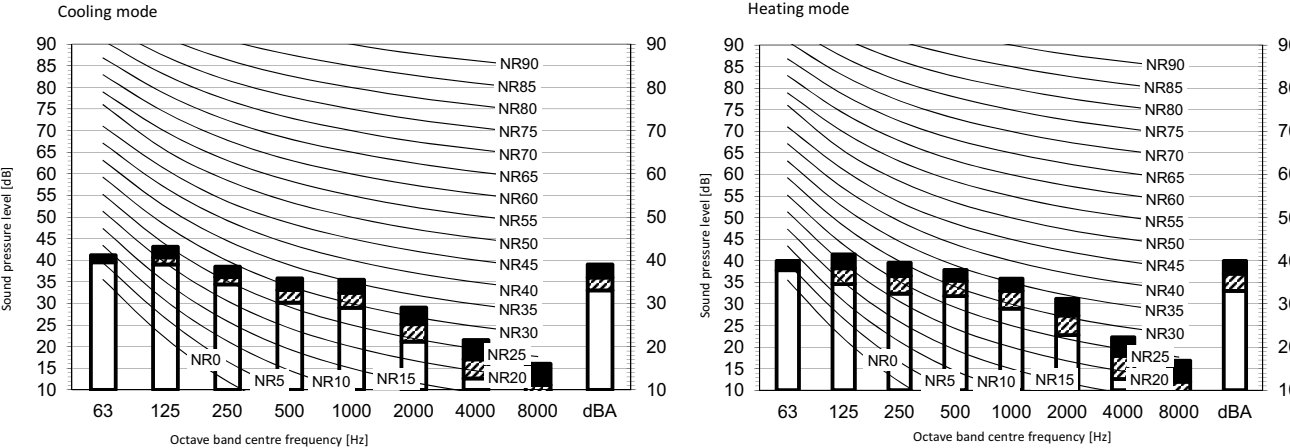
Location of microphone



- Notes
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
  2. Background noise already taken into account.
  3. Operating noise varies depending on operation and ambient conditions.
  4. The operation noise measuring method is in accordance with JISC9612.
  5. Measuring location: anechoic chamber

3D095573A

FXSQ125A

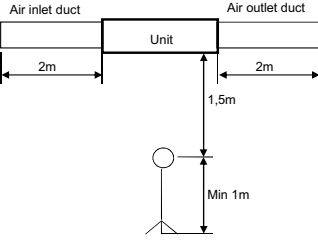


Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

High-tap Medium-tap Low-tap

Location of microphone



- Notes
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
  2. Background noise already taken into account.
  3. Operating noise varies depending on operation and ambient conditions.
  4. The operation noise measuring method is in accordance with JISC9612.
  5. Measuring location: anechoic chamber

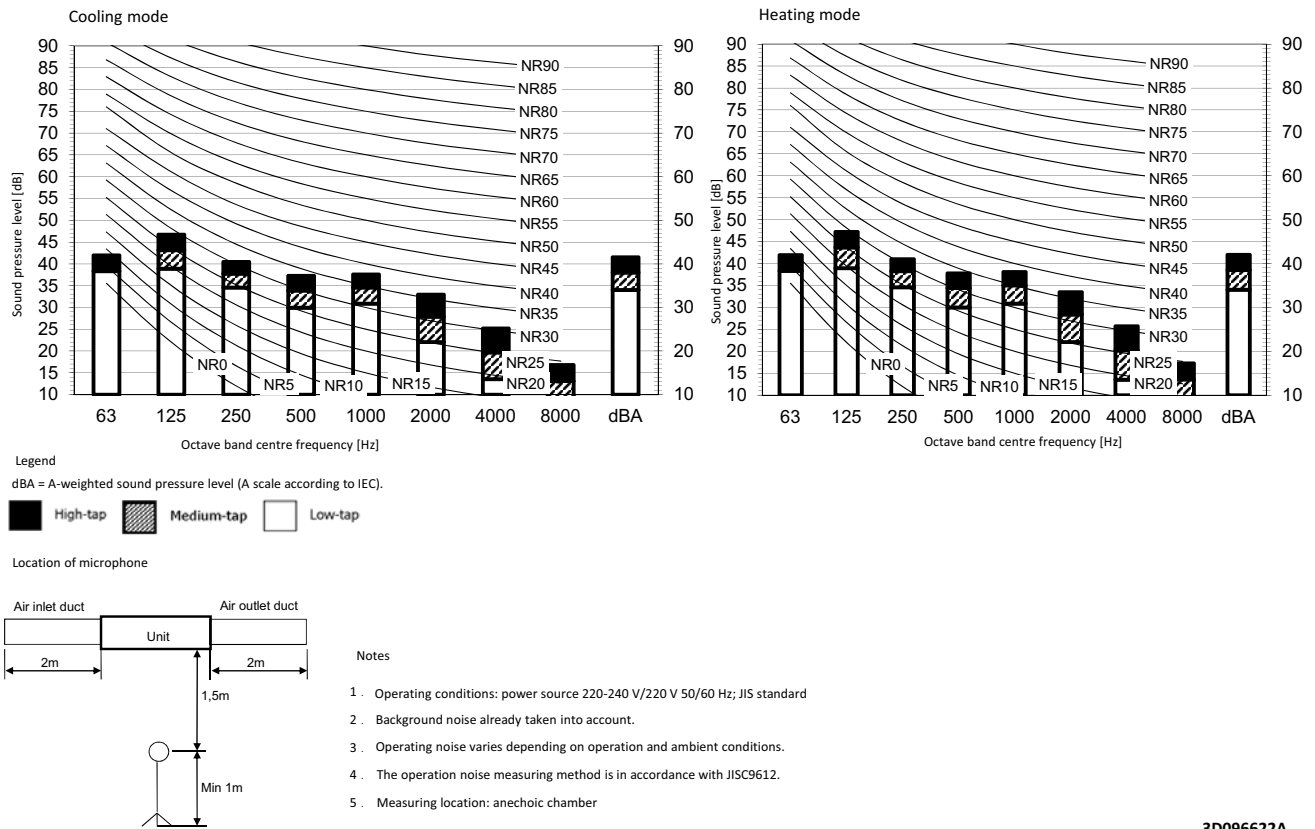
3D095574A

# 11 Sound data

## 11 - 2 Sound Pressure Spectrum

11

### FXSQ140A

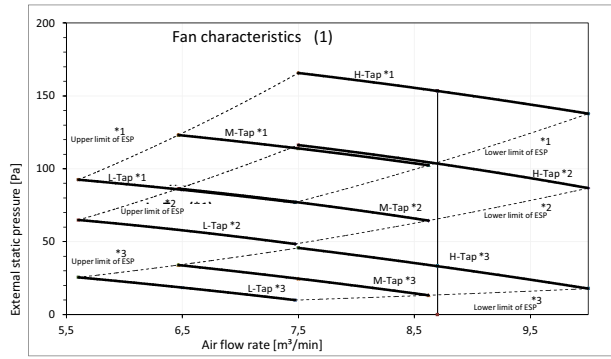


3D096622A

# 12 Fan characteristics

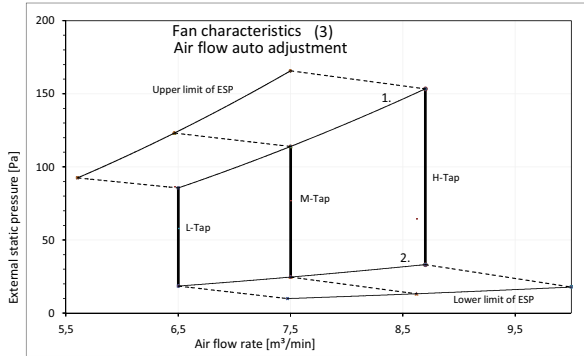
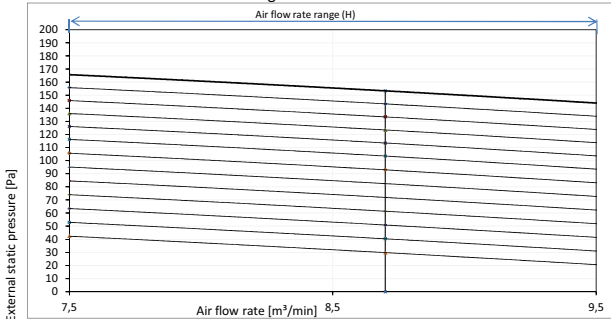
## 12 - 1 Fan Characteristics

### FXSQ15A



| Mark | ESP (Pa) |
|------|----------|
| *1   | MAX 150  |
| *2   | 100      |
| *3   | STD 50   |

Fan characteristics (2)  
Field setting with remote control

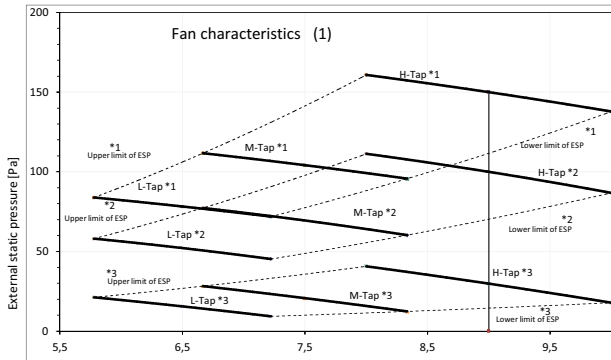


1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment

Notes  
1. The fan characteristics shown are in "fan only" mode.  
2. ESP: External Static Pressure

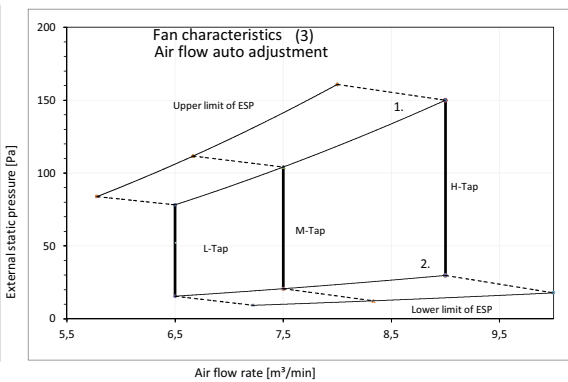
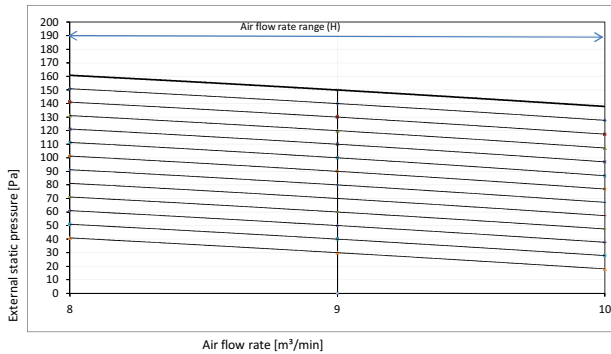
3D096999

### FXSQ20-25A



| Mark | ESP (Pa) |
|------|----------|
| *1   | MAX 150  |
| *2   | 100      |
| *3   | STD 30   |

Fan characteristics (2)  
Field setting with remote control



1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment

Notes  
1. The fan characteristics shown are in "fan only" mode.  
2. ESP: External Static Pressure

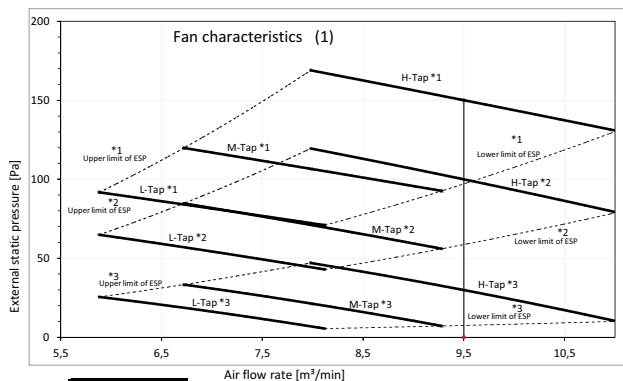
3D095680A

# 12 Fan characteristics

## 12 - 1 Fan Characteristics

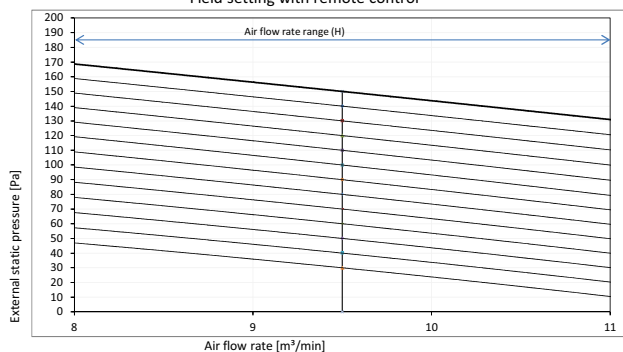
12

### FXSQ32A

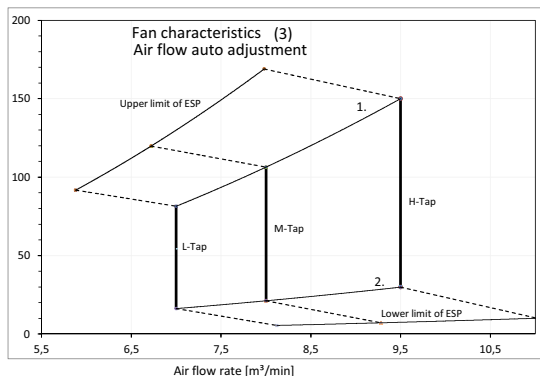


| Mark |     | ESP [Pa] |
|------|-----|----------|
| *1   | MAX | 150      |
| *2   |     | 100      |
| *3   | STD | 30       |

Fan characteristics (2)  
Field setting with remote control



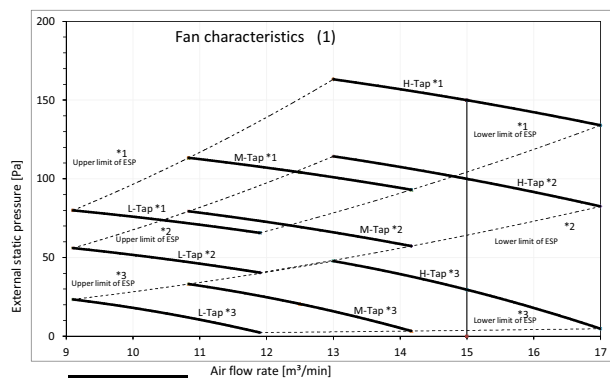
Notes  
1. The fan characteristics shown are in "fan only" mode.  
2. ESP: External Static Pressure



1. Upper limit of ESP by air flow auto adjustment  
2. Lower limit of ESP by air flow auto adjustment

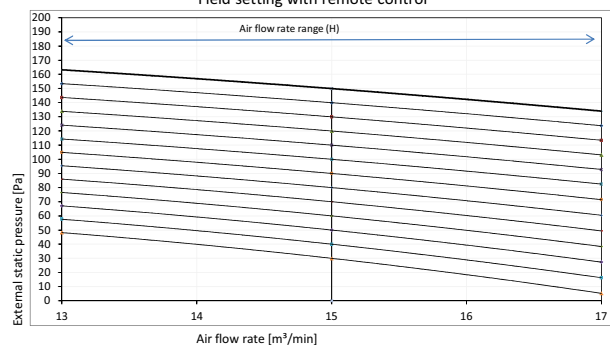
3D095681A

### FXSQ40A

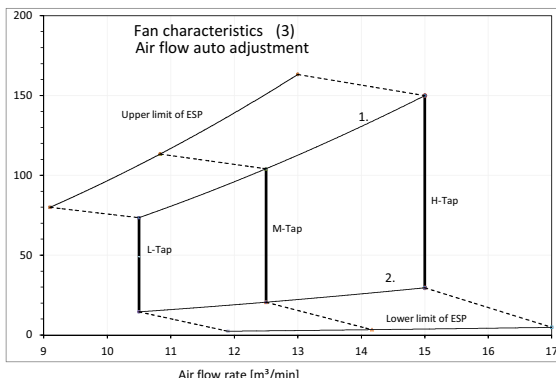


| Mark |     | ESP [Pa] |
|------|-----|----------|
| *1   | MAX | 150      |
| *2   |     | 100      |
| *3   | STD | 30       |

Fan characteristics (2)  
Field setting with remote control



Notes  
1. The fan characteristics shown are in "fan only" mode.  
2. ESP: External Static Pressure



1. Upper limit of ESP by air flow auto adjustment  
2. Lower limit of ESP by air flow auto adjustment

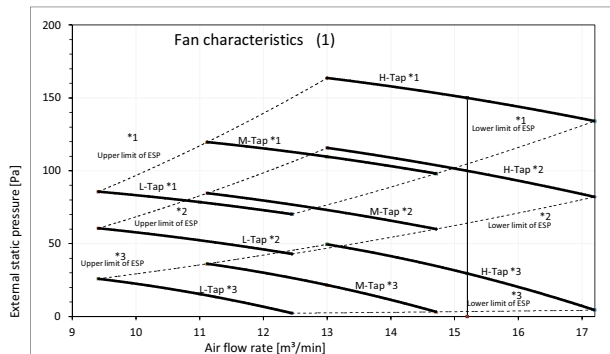
3D095682A

## 12 Fan characteristics

### 12 - 1 Fan Characteristics

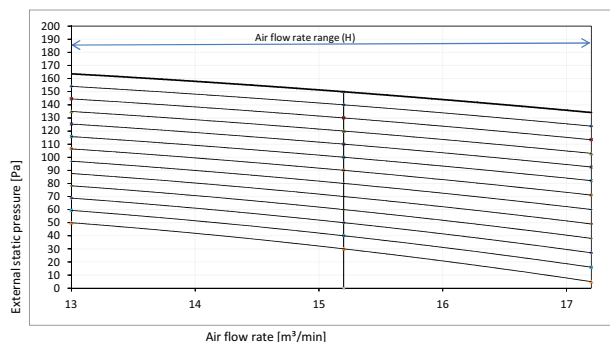
12

#### FXSQ50A



| Mark | ESP [Pa] |
|------|----------|
| *1   | MAX 150  |
| *2   | 100      |
| *3   | STD 30   |

Fan characteristics (2)  
Field setting with remote control



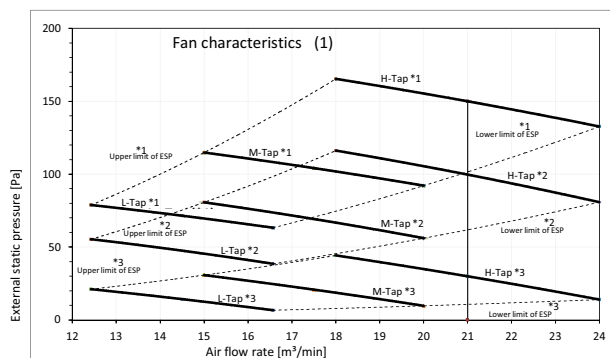
Notes

1. The fan characteristics shown are in "fan only" mode.

2. ESP: External Static Pressure

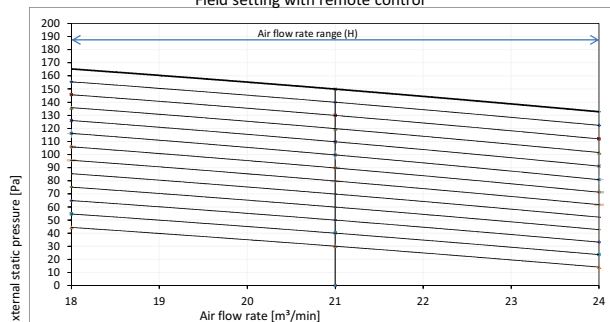
3D095688A

#### FXSQ63A



| Mark | ESP [Pa] |
|------|----------|
| *1   | MAX 150  |
| *2   | 100      |
| *3   | STD 30   |

Fan characteristics (2)  
Field setting with remote control



Notes

1. The fan characteristics shown are in "fan only" mode.

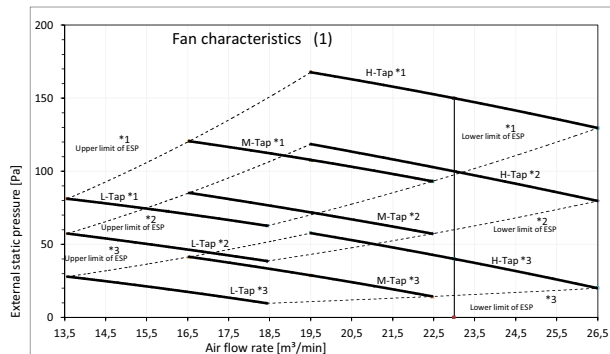
2. ESP: External Static Pressure

3D095690A

## 12 Fan characteristics

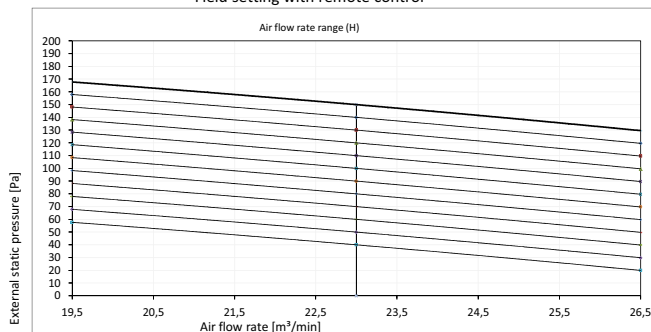
### 12 - 1 Fan Characteristics

#### FXSQ80A

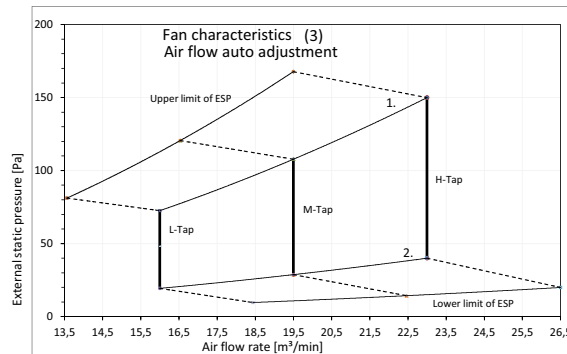


| Mark |     | ESP [Pa] |
|------|-----|----------|
| *1   | MAX | 150      |
| *2   |     | 100      |
| *3   | STD | 40       |

Fan characteristics (2)  
Field setting with remote control



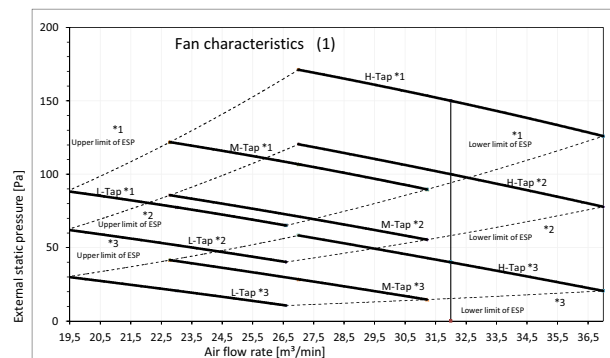
Notes  
1. The fan characteristics shown are in "fan only" mode.  
2. ESP: External Static Pressure



1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment

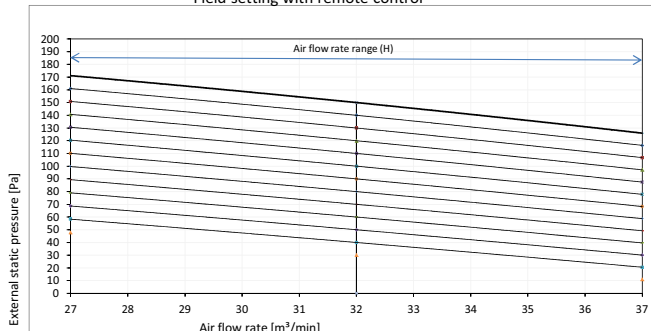
3D095692A

#### FXSQ100A

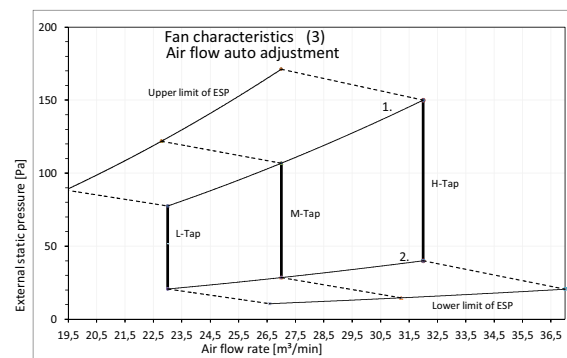


| Mark |     | ESP [Pa] |
|------|-----|----------|
| *1   | MAX | 150      |
| *2   |     | 100      |
| *3   | STD | 40       |

Fan characteristics (2)  
Field setting with remote control



Notes  
1. The fan characteristics shown are in "fan only" mode.  
2. ESP: External Static Pressure



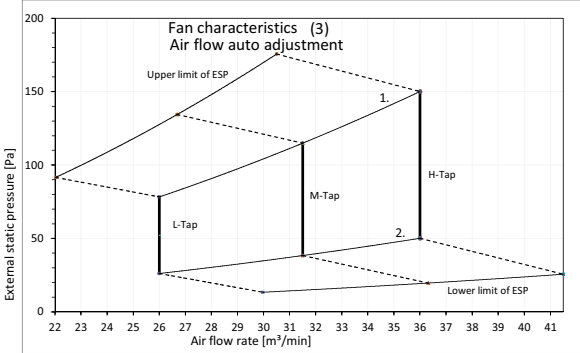
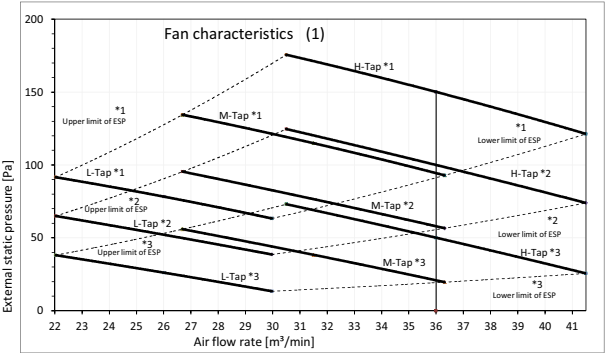
1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment

3D095696A

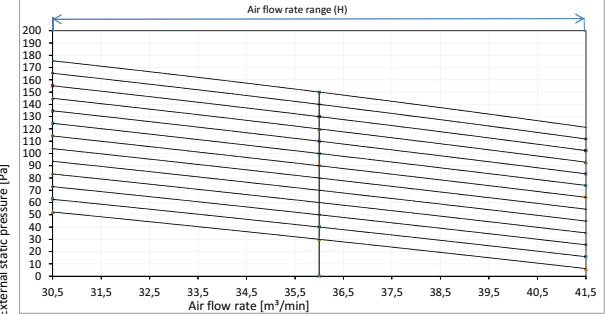
# 12 Fan characteristics

## 12 - 1 Fan Characteristics

### FXSQ125A



Fan characteristics (2)  
Field setting with remote control



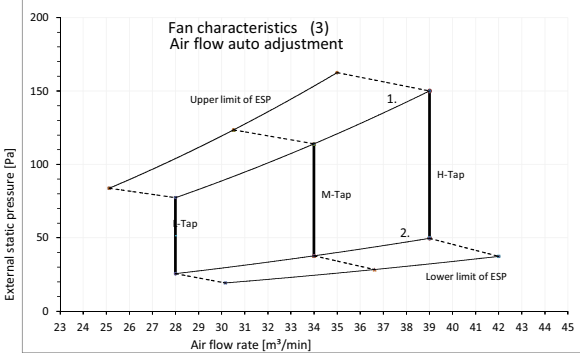
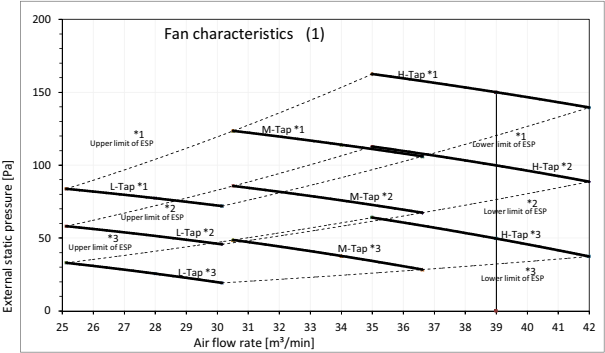
Notes

1. The fan characteristics shown are in "fan only" mode.

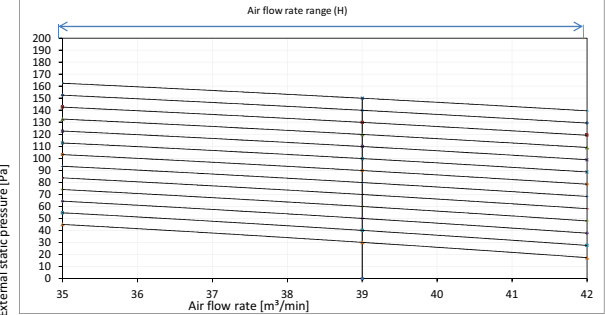
2. ESP: External Static Pressure

3D095697A

### FXSQ140A



Fan characteristics (2)  
Field setting with remote control



Notes

1. The fan characteristics shown are in "fan only" mode.

2. ESP: External Static Pressure

3D096688A

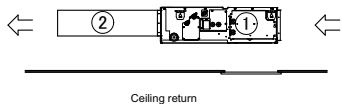
# 13 Installation

## 13 - 1 Installation Method

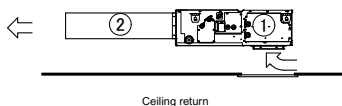
FXSQ-A

### Installation methods

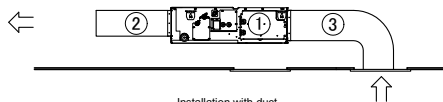
#### Rear suction



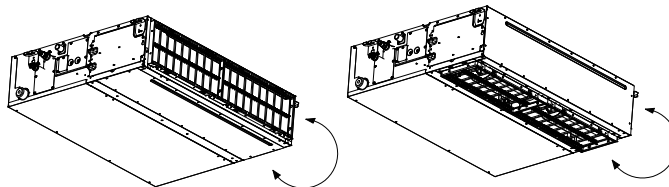
#### Bottom suction



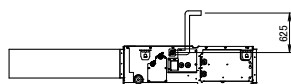
#### Rear suction



| Number | Description     |              |
|--------|-----------------|--------------|
| ①      | Indoor unit     |              |
| ②      | Air outlet duct | Field supply |
| ③      | Air inlet duct  | Field supply |



Easy modification from rear suction to bottom suction



Height of drain pump outlet pipe

3D094912A



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