

KFD 6030



Short description

Sound-insulated Flatbox for supply air with diagonal fan, shutter, air filter and water-air heater, channel size 600 mm x 300 mm

Article number 0080.0962

Technical data

| | |
|---|-----------------|
| Air flow volume | 2.020 m³/h |
| Rotating speed | 2.810 1/min |
| Air direction | Ventilation |
| Speed controllable | ✓ |
| Rated voltage | 230 V |
| Nominal output | 280 W |
| I _{max} | 1,6 A |
| Degree of protection | IP 43 |
| Operator unit degree of protection | IP 00 |
| Weight | 52 kg |
| Weight including packaging | 52,52 kg |
| Filter class | F5 |
| Channel dimension | 600 mm x 300 mm |
| Width with packaging | 767 mm |
| Height with packaging | 377 mm |
| Depth with packaging | 742 mm |
| Airstream temperature at nominal current | 55 °C |
| Airstream temperature at I _{Max} | 55 °C |
| Packing unit | 1 piece |
| Range | K |
| GTIN (EAN) | 4012799809623 |

Sound power level in octave range

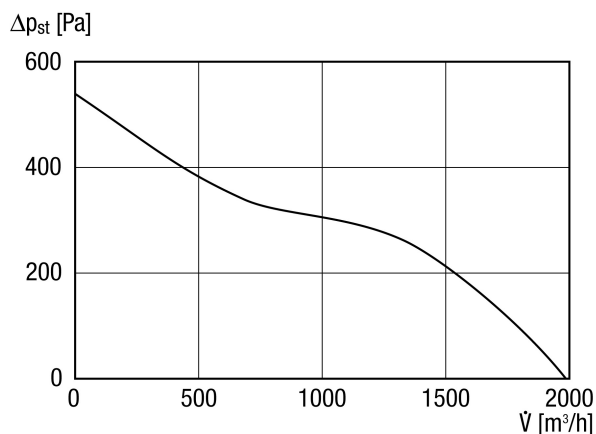
| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|-----------------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| L _{WA2, high} (dB(A)) | – | 49 | 50 | 49 | 47 | 44 | 41 | 34 | 54 |
| L _{WA5, high} (dB(A)) | – | 59 | 61 | 68 | 67 | 63 | 59 | 47 | 72 |

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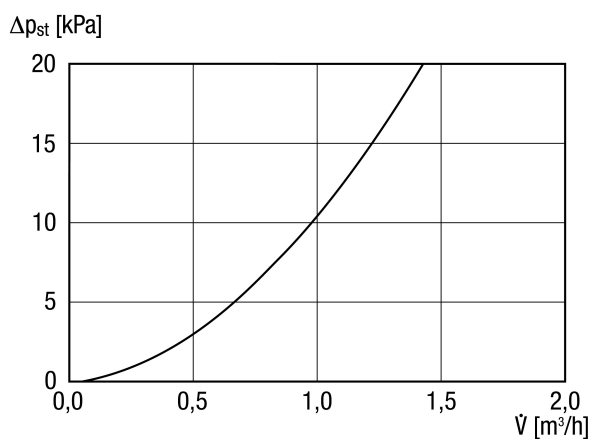
| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|--|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| L_{WA6, high} (dB(A)) | – | 58 | 70 | 75 | 78 | 74 | 68 | 60 | 81 |

L_{WA2}= housing sound power level in dB.
 L_{WA5}= free inlet sound power level in dB.
 L_{WA6}= free outlet sound power level in dB.

Characteristic curve

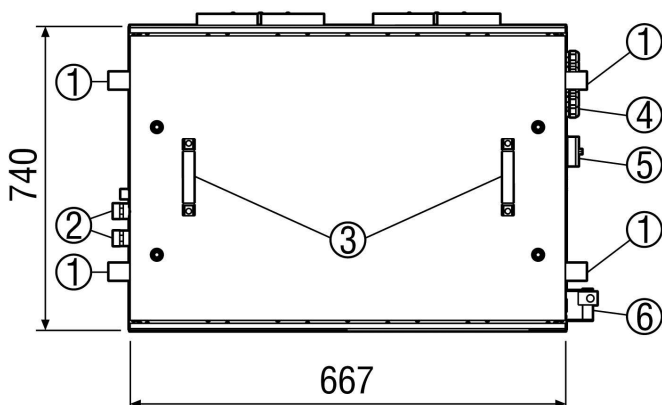
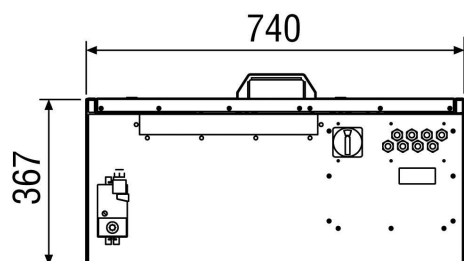
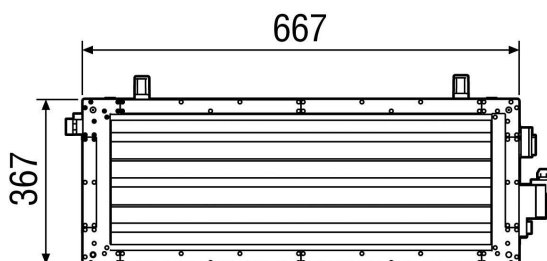


Characteristic curve Water pressure losses in the heat register



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Dimensioned drawing [mm]



- ① Mounting bracket (variable position)
- ② Warm water connection for water-air heater 3/4" AG (connection also possible on opposite side)
- ③ Mounting handle
- ④ Electrical connections
- ⑤ Terminal box for fan
- ⑥ Servomotor shutter