



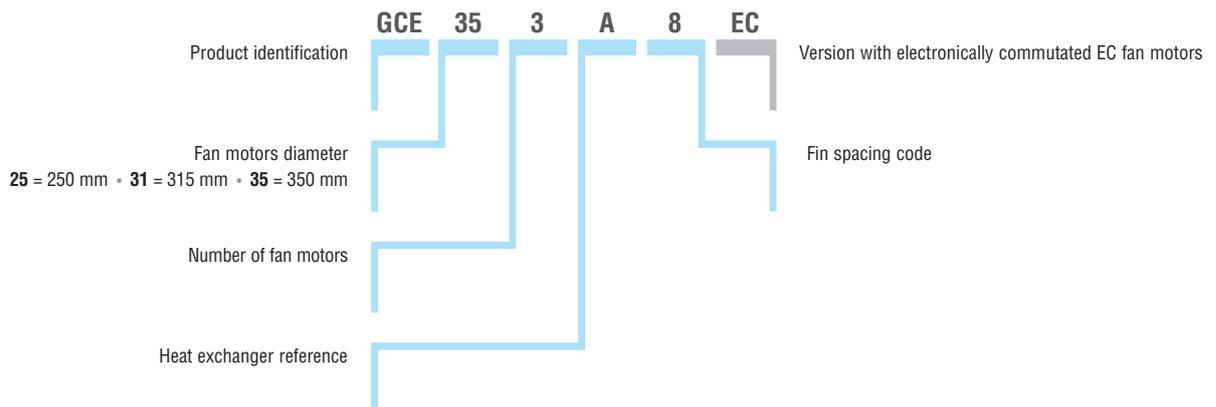
The **GCE** range of unit coolers is suitable for installation in cold rooms for the preservation of fresh or frozen products. Thanks to the optimization of the heat exchangers in relation to fan motors, the units' structure enables to maximise the storage space of the cold rooms in which they are installed.

The entire range is equipped with highly efficient coils made from aluminum fins and inner grooved tube; with a new geometry that allows a substantial reduction of the inner volume resulting in decreased refrigerant use. The updated coil design responds to the recent guidelines governing the reduction of HFC gases with high greenhouse effect.

According to the room temperature the range is divided as follows:

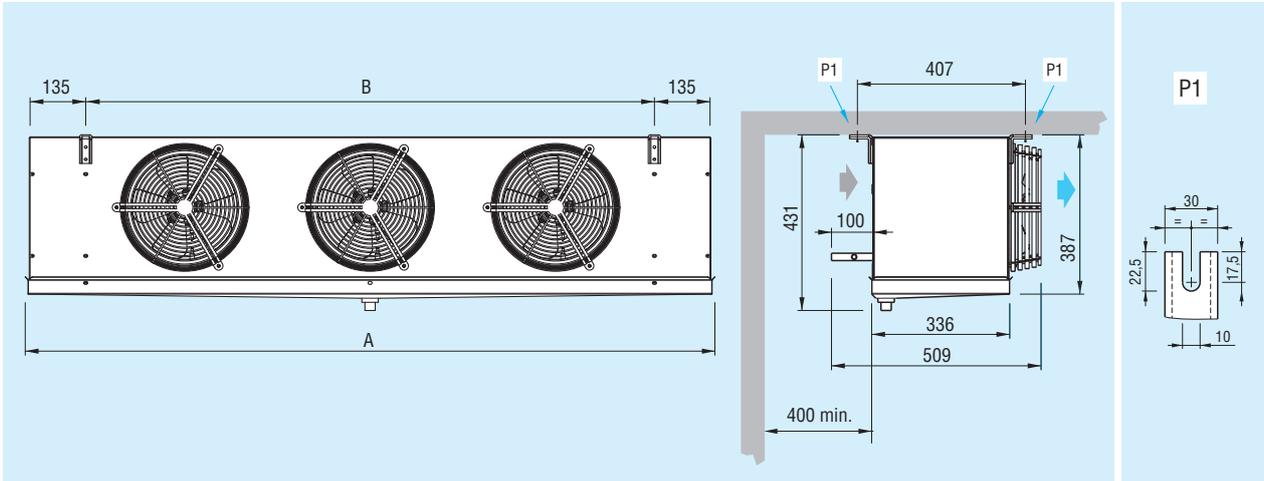
- **GCE G4 E4 F4 A4** for high temperatures ($\geq +1$ °C) with 4 mm fin spacing;
- **GCE G6 E6 F6 A6** for medium temperatures (≥ -15 °C) with 6 mm fin spacing;
- **GCE G8 E8 F8 A8** for low temperatures (≥ -35 °C) with 8 mm fin spacing, equipped with electric defrost (ED).

GCE - Model identification



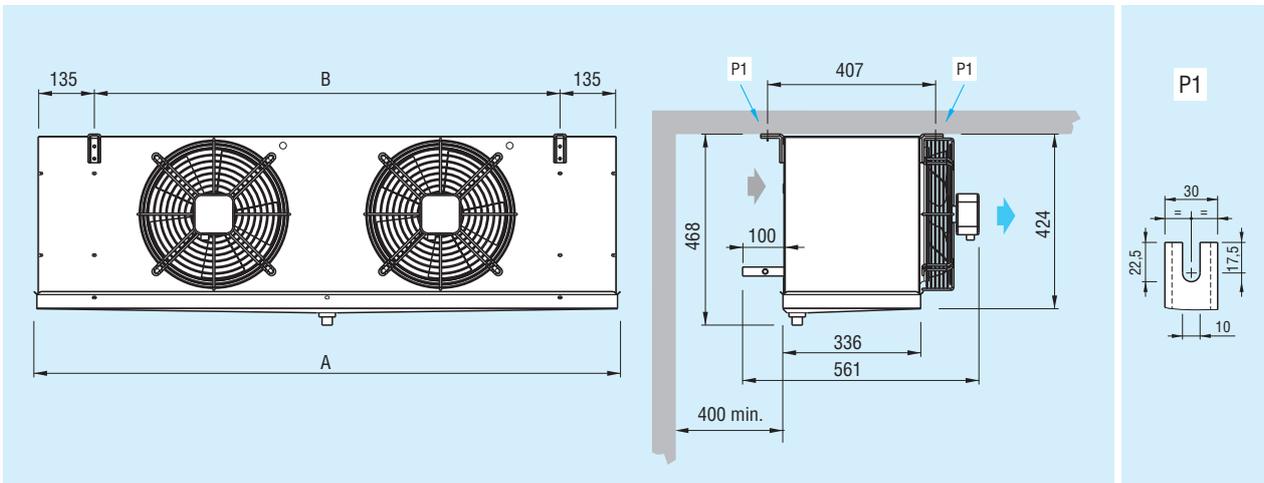
Dimensional features

GCE Ø 250 mm



| Model | GCE Ø 250 | 251 R | 251 | 252 | 253 | 254 | |
|------------|-----------|-------|-----|-----|------|------|------|
| Dimensions | mm | A | 674 | 774 | 1224 | 1674 | 2124 |
| | | B | 380 | 480 | 930 | 1380 | 1830 |

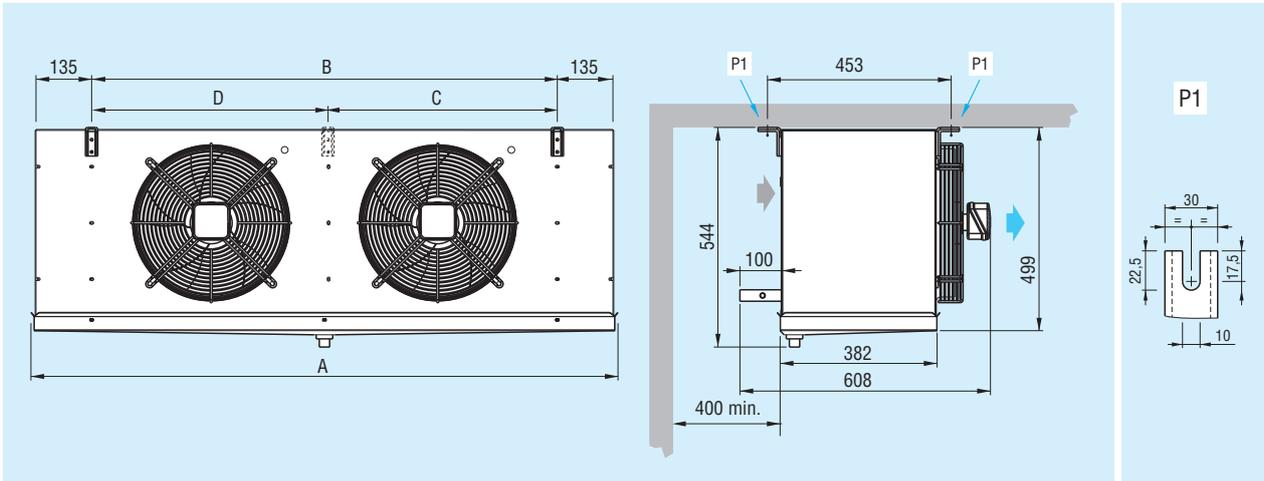
GCE Ø 315 mm



| Model | GCE Ø 315 | 311 | 312 | 313 | 314 | |
|------------|-----------|-----|-----|------|------|------|
| Dimensions | mm | A | 874 | 1424 | 1974 | 2524 |
| | | B | 580 | 1130 | 1680 | 2230 |

Dimensional features

GCE Ø 350 mm



| Model | GCE Ø 350 | 351 | 352 | 353 | 354 | 355 | |
|------------|-----------|-----|-----|------|------|------|------|
| Dimensions | mm | A | 875 | 1425 | 1975 | 2525 | 3075 |
| | | B | 580 | 1130 | 1680 | 2230 | 2780 |
| | | C | - | - | - | 1115 | 1665 |
| | | D | - | - | - | 1115 | 1115 |

This range employs three types of standard fan motors:

- **A)** 250 mm diameter, shaded pole single-phase 230V/1/50-60Hz with fiberglass charged polyamide fan guards.
- **B)** 315 mm diameter, external rotor single-phase 230V/1/50-60Hz with built-in electric capacitor and epoxy coated steel fan guard.
- **C)** 350 mm diameter, external rotor single-phase 230V/1/50-60Hz with built-in electric capacitor and epoxy coated steel fan guard.

The electric defrost (ED) versions are equipped with stainless steel heaters with vulcanised terminals preset for 230V/1/50-60Hz (Ø 250 mm) and 400V/3/50-60Hz (Ø 315-350 mm) connections.

The electric parts and casework are connected to an earth terminal, the wiring of the motors and the heaters is carried out in separate IP 54 protection grade junction boxes.

On request the models can be equipped with non-standard: coils, defrosting and fan motors.

For units with different conditions use the “**Scelte**” selection program.

For special applications and further information contact our Technical Dept.

Technical features

| Model | GCE | 251 E4R | 251 E4 | 252 G4 | 252 E4 | 253G4 | 253 E4 | 254 G4 |
|---------------------|-------------------|---------|--------|--------|--------|-------|--------|--------|
| Nominal capacity | kW | 1,45 | 1,67 | 2,87 | 3,29 | 4,18 | 4,83 | 5,56 |
| Air flow | m ³ /h | 708 | 768 | 1626 | 1536 | 2440 | 2305 | 3250 |
| Air throw | m | 8 | 8 | 9 | 8 | 11 | 10 | 13 |
| Air throw streamers | m | - | - | - | - | - | - | - |
| Fin spacing | mm | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Internal surface | m ² | 0,57 | 0,73 | 1,1 | 1,46 | 1,65 | 2,19 | 2,2 |
| External surface | m ² | 7,56 | 9,7 | 14,6 | 19,4 | 21,9 | 29,1 | 29,2 |
| Coil connections | In tube (mm) | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | Out tube (mm) | 12 | 12 | 22 | 22 | 22 | 22 | 28 |
| Net weight | m | 13 | 14,5 | 21,5 | 24 | 30 | 33 | 38 |

| Model | GCE | 251 E6R | 251 E6 | 252 G6 | 252 E6 | 253 G6 | 253 E6 | 254 G6 |
|---------------------|-------------------|---------|--------|--------|--------|--------|-------------|--------|
| Nominal capacity | kW | 1,14 | 1,44 | 2,28 | 2,81 | 3,45 | 4,18 | 4,61 |
| Air flow | m ³ /h | 753 | 813 | 1695 | 1626 | 2540 | 2430 | 3390 |
| Air throw | m | 9 | 9 | 10 | 9 | 12 | 11 | 14 |
| Air throw streamers | m | - | - | - | - | - | - | - |
| Fin spacing | mm | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Internal surface | m ² | 0,57 | 0,73 | 1,1 | 1,46 | 1,65 | 2,19 | 2,2 |
| External surface | m ² | 5,17 | 6,6 | 9,94 | 13,2 | 14,9 | 19,9 | 19,9 |
| Coil connections | In tube (mm) | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | Out tube (mm) | 12 | 12 | 22 | 22 | 22 | 22 | 22 |
| Net weight | m | 12 | 13,5 | 20 | 22,5 | 28 | 31 | 35,5 |

| Model | GCE | 251 E8R | 251 E8 | 252 G8 | 252 E8 | 253 G8 | 253 E8 | 254 G8 |
|---------------------|-------------------|---------|--------|--------|--------|--------|--------|--------|
| Nominal capacity | kW | 1,07 | 1,23 | 1,96 | 2,45 | 2,95 | 3,66 | 3,92 |
| Air flow | m ³ /h | 800 | 840 | 1725 | 1690 | 2585 | 2530 | 3450 |
| Air throw | m | 8 | 8 | 9 | 8 | 11 | 10 | 13 |
| Air throw streamers | m | - | - | - | - | - | - | - |
| Fin spacing | mm | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Internal surface | m ² | 0,57 | 0,73 | 1,1 | 1,46 | 1,65 | 2,19 | 2,2 |
| External surface | m ² | 3,97 | 5,1 | 7,66 | 10,2 | 11,5 | 15,3 | 15,3 |
| Coil connections | In tube (mm) | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | Out tube (mm) | 12 | 12 | 22 | 22 | 22 | 22 | 22 |
| Net weight | m | 12 | 13,5 | 20 | 22,5 | 28 | 31 | 35,5 |

| Common data | | | | | | | Tested by TÜV SÜD | |
|---------------------------|-----------------|-------|-------|-------|-------|-------|-------------------|-------|
| Fan motors | n° x Ø mm | 1x250 | 1x250 | 2x250 | 2x250 | 3x250 | 3x250 | 4x250 |
| Fan motors absorp. | A | 0,68 | 0,68 | 1,36 | 1,36 | 2,04 | 2,04 | 2,72 |
| Nominal power | W | 95 | 95 | 190 | 190 | 285 | 285 | 380 |
| Fan motors absorp. EC | A | 0,19 | 0,19 | 0,38 | 0,38 | 0,57 | 0,57 | 0,76 |
| Nominal power EC | W | 26 | 26 | 52 | 52 | 78 | 78 | 104 |
| Circuit capacity | dm ³ | 0,93 | 1,07 | 1,6 | 2,14 | 2,41 | 3,21 | 3,2 |
| Electric defrost | W | 750 | - | - | - | - | - | - |
| Powerful electric defrost | W | - | 1350 | 2700 | 2700 | 3990 | 3990 | 5250 |
| Drain connection | Ø (GAS) | 1" | 1" | 1" | 1" | 1" | 1" | 1" |

1) Option.

- For brine cooler capacities please use "Scelte" selection software.

| 254 E4 | 311 F4 | 312 F4 | 313 F4 | 314F4 | 351 E4 | 351A4 | 352 E4 | 352 A4 | 353 F4 | 353A4 | 354 F4 | 354 A4 | 355 A4 |
|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|-------|--------|--------|--------|
| 6,66 | 3,21 | 6,33 | 9,66 | 12,77 | 3,92 | 4,83 | 7,99 | 9,92 | 13,20 | 15,05 | 17,20 | 19,97 | 24,28 |
| 3070 | 1500 | 3000 | 4495 | 6000 | 2425 | 2235 | 4850 | 4472 | 7050 | 6710 | 9400 | 8950 | 11180 |
| 12 | 11 | 14 | 16 | 18 | 14 | 13 | 16 | 15 | 18 | 17 | 20 | 19 | 21 |
| - | 18 | 22 | 22 | 23 | 20 | 18 | 23 | 22 | 26 | 25 | 29 | 28 | 29 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 2,92 | 1,25 | 2,5 | 3,75 | 5 | 1,19 | 1,79 | 2,38 | 3,58 | 4,48 | 5,37 | 5,97 | 7,16 | 8,95 |
| 38,8 | 16,5 | 33 | 49,5 | 66 | 15,25 | 22,9 | 30,5 | 45,8 | 59,5 | 68,7 | 79,2 | 91,6 | 114,5 |
| 16 | 12 | 12 | 16 | 22 | 12 | 12 | 16 | 16 | 22 | 22 | 22 | 28 | 28 |
| 28 | 22 | 28 | 28 | 28 | 22 | 22 | 28 | 28 | 28 | 35 | 35 | 42 | 42 |
| 41,5 | 20 | 34 | 47,5 | 61 | 22 | 26,5 | 41 | 48 | 58 | 63 | 77 | 83,5 | 103 |

| 254 E6 | 311 F6 | 312 F6 | 313 F6 | 314F6 | 351 E6 | 351A6 | 352 E6 | 352 A6 | 353 F6 | 353A6 | 354 F6 | 354 A6 | 355 A6 |
|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|-------|--------|--------|--------|
| 5,61 | 2,74 | 5,47 | 8,28 | 10,97 | 3,26 | 4,31 | 6,75 | 8,85 | 11,20 | 13,29 | 15,10 | 17,70 | 21,41 |
| 3250 | 1595 | 3190 | 4970 | 6390 | 2580 | 2430 | 5160 | 4850 | 7510 | 7280 | 9860 | 9705 | 12130 |
| 13 | 12 | 15 | 17 | 19 | 15 | 14 | 17 | 16 | 19 | 18 | 21 | 20 | 22 |
| - | 19 | 23 | 23 | 24 | 21 | 19 | 24 | 23 | 27 | 26 | 30 | 29 | 30 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 2,92 | 1,25 | 2,5 | 3,75 | 5 | 1,19 | 1,79 | 2,38 | 3,58 | 4,48 | 5,37 | 5,97 | 7,16 | 8,95 |
| 26,5 | 11,3 | 22,6 | 33,9 | 45,2 | 10,9 | 15,8 | 21,7 | 31,5 | 40,6 | 47,3 | 54,2 | 63 | 78,8 |
| 16 | 12 | 12 | 16 | 16 | 12 | 12 | 16 | 16 | 16 | 22 | 22 | 28 | 28 |
| 28 | 22 | 28 | 28 | 28 | 22 | 22 | 28 | 28 | 28 | 35 | 35 | 42 | 42 |
| 39 | 19 | 32,5 | 45 | 58,5 | 21 | 25,5 | 39,5 | 46 | 55 | 60,5 | 74 | 80,5 | 97 |

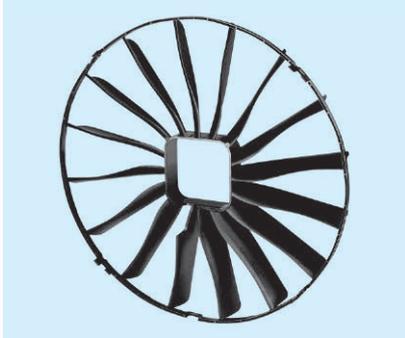
| 254 E8 | 311 F8 | 312 F8 | 313 F8 | 314 F8 | 351 E8 | 351A8 | 352 E8 | 352 A8 | 353 F8 | 353A8 | 354 F8 | 354 A8 | 355 A8 |
|--------|--------|-------------|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|
| 4,92 | 2,48 | 4,96 | 7,44 | 9,97 | 2,92 | 3,88 | 5,99 | 7,94 | 10,10 | 12,00 | 13,40 | 16,12 | 19,58 |
| 3370 | 1650 | 3290 | 4950 | 6580 | 2640 | 2500 | 5270 | 5000 | 7740 | 7510 | 10315 | 10000 | 12500 |
| 12 | 11 | 14 | 16 | 18 | 14 | 13 | 16 | 15 | 18 | 17 | 20 | 19 | 21 |
| - | - | 22 | 22 | 23 | 20 | 18 | 23 | 22 | 26 | 25 | 29 | 28 | 29 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4 |
| 2,92 | 1,25 | 2,5 | 3,75 | 5 | 1,19 | 1,79 | 2,38 | 3,58 | 4,48 | 5,37 | 5,97 | 7,16 | 8,95 |
| 26,01 | 8,65 | 17,3 | 26 | 34,6 | 8,3 | 12,5 | 16,6 | 25 | 31,2 | 37,5 | 41,7 | 50 | 62,5 |
| 16 | 12 | 12 | 16 | 16 | 12 | 12 | 16 | 16 | 16 | 22 | 22 | 28 | 28 |
| 28 | 22 | 28 | 28 | 35 | 22 | 22 | 28 | 28 | 35 | 35 | 42 | 42 | 42 |
| 39 | 19 | 32,5 | 45 | 58,5 | 21 | 25,5 | 39,5 | 46 | 55 | 60,5 | 75 | 81,5 | 98,5 |

| 4x250 | 1x315 | 2x315 | 3x315 | 4x315 | 1x350 | 1x350 | 2x350 | 2x350 | 3x350 | 3x350 | 4x350 | 4x350 | 5x350 |
|-------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2,72 | 0,52 | 1,04 | 1,56 | 2,08 | 0,96 | 0,96 | 1,92 | 1,92 | 2,88 | 2,88 | 3,84 | 3,84 | 4,80 |
| 380 | 110 | 220 | 330 | 440 | 185 | 185 | 370 | 370 | 555 | 555 | 740 | 740 | 925 |
| 0,76 | - | - | - | - | 0,87 | 0,87 | 1,74 | 1,74 | 2,61 | 2,61 | 3,48 | 3,48 | 4,35 |
| 104 | - | - | - | - | 150 | 150 | 300 | 300 | 450 | 450 | 600 | 600 | 750 |
| 4,28 | 1,83 | 3,66 | 5,49 | 7,32 | 1,76 | 2,64 | 3,52 | 5,28 | 6,49 | 7,92 | 8,64 | 10,56 | 13,2 |
| - | - | - | - | - | 1750 | 2250 | 3150 | 4050 | 4900 | 6300 | 6300 | 8100 | 9900 |
| 5250 | 1750 | 3150 | 4900 | 6300 | 2000 | 2750 | 3600 | 4950 | 5600 | 7700 | 7200 | 9900 | 12100 |
| 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" |

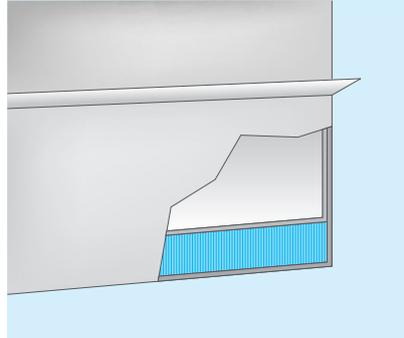


Tested models:
GCE 253 E6
GCE 312 F8

Options and special versions



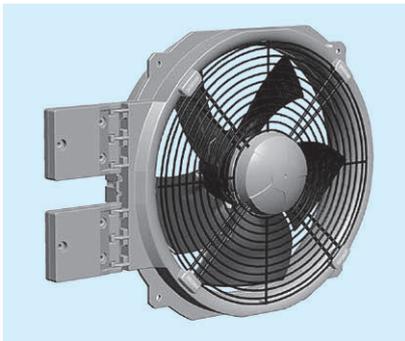
- Streamers



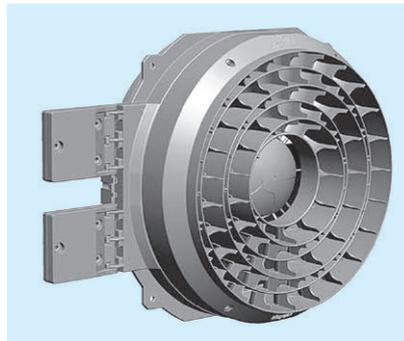
- Drain pan with insulation



- EC motor (electronically commutated)



- Electronically commutated (AxiCool) fan motors equipped with hinged access and fan guard (ECG) only for Ø 350 mm fan motors.



- Electronically commutated (AxiCool) fan motors equipped with hinged access and streamers (ECS) only for Ø 350 mm fan motors.