◆ Explosion protection to
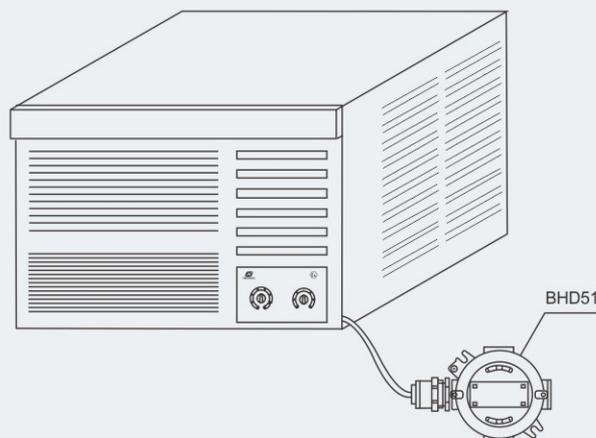  -CENELEC
  -IEC
◆ Can be used in
  Zone 2
◆ For explosion-proof window air conditioner, the corresponding product is the cooling-only air conditioner in T1 and T3 group. It is mainly used in high temperature areas, such as Middle East, Middle Africa, Southeast Asia and tropical zone nearby the equator.
◆ Explosion-proof window air conditioner is based on renowned brand, by conducting explosion-proof treatment to internal control units compressor, indoor and outdoor fan motors, temperature sensor system, protective system, heat-removal system, cooling system, etc., The outline dimensions and installation are the same as the prototype.

### ■ Catalogue number logic

BK C - □/□

Rated voltage
Percentage of nominal cooling capacity
Window type
Explosion-proof air conditioner
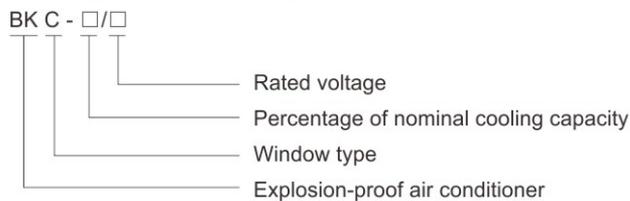
### **Dimension drawings** (all dimensions in mm) - subject to alteration



BHD51

# Zone 2

## Technical data

### Explosion-proof window air conditioners      BKC-□/□

| Explosion protection | |
|---|---|
| Global (IECEx) | IECEx CQM 11.0021X |
| Gas | Ex d nC IIB T4 Gc |
| Europe (ATEX) | LCIE 11 ATEX 1002X |
| Gas | ⟨Ex⟩ II 3 G Ex d nC IIB T4 Gc |
| Certificates | IECEx; ATEX; CU-TR |
| Conformity to standards | EN 60079-0, EN 60079-1, EN 60079-15 |
| | IEC 60079-0, IEC 60079-1, IEC 60079-15 |

## Technical data

| Type | | BKC-50/220 | BKC-70/220 |
|---|---|---|---|
| Cooling capacity | W | 5400 | 7000 |
| | BTU | 18000 | 24000 |
| Rated voltage/Frequency (V/Hz) | | 220~240/50 | 220~240/50 |
| Input power (P) | | 2P | 3P |
| Cooling input power (W) | | 2750 | 3770 |
| Rated current (A) | | 12.8 | 17.4 |
| Application areas (m²) | | 22~32 | 30~40 |
| Sound level (dB) | Indoor unit | ≤53* | ≤57* |
| | Outdoor unit | ≤60* | ≤63* |
| Outline dimensions (L x W x H) (mm) | | 730 x 680 x 450* | 730 x 680 x 450* |
| Weight (kg) | | 50.00* | 55.00* |

**Note**: 1. The above technical data is for normally supplied products of T3 (−7℃~+55℃) temperature class, voltage is
220~240V AC/50Hz, other voltages are available, for example 220~240V AC/60Hz, please specify when ordering.
2. The above data is only for reference, the actual product shall prevail.
3. Data with "＊" are for reference. The specific kind prevail.