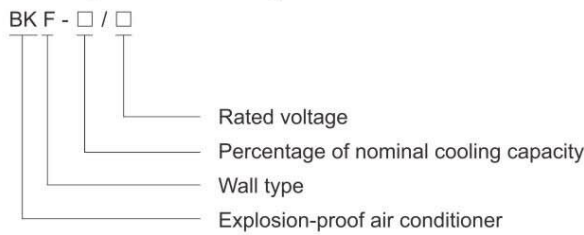


Air Conditioners BKF Series Explosion-proof Wall Air Conditioners (IIB)

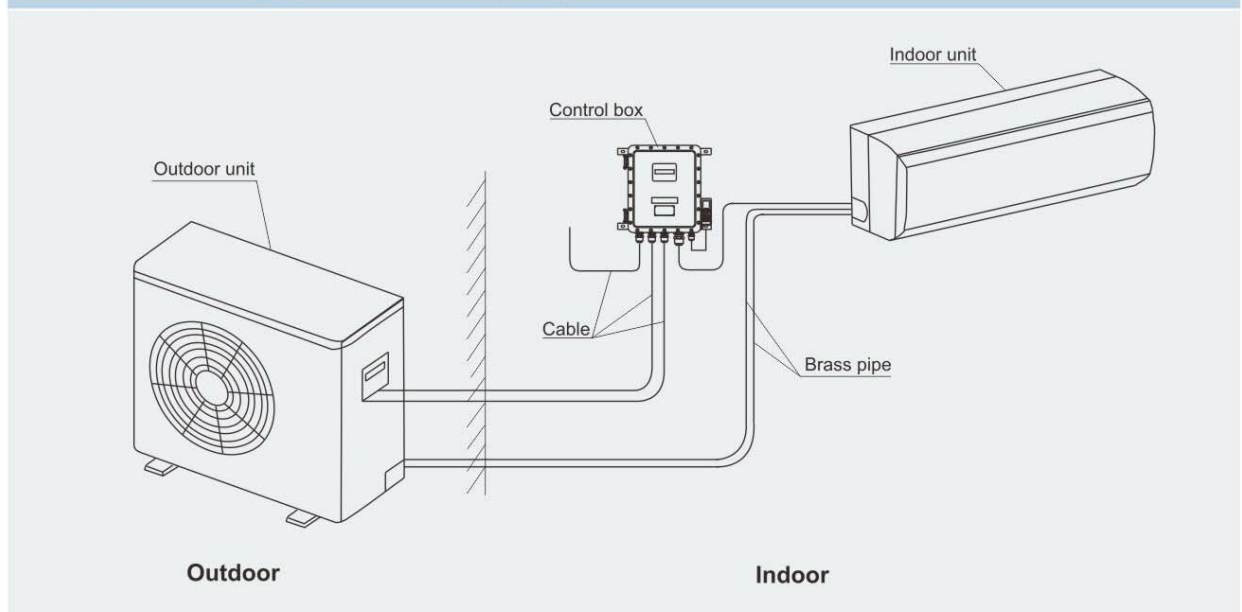


- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
Zone 1 and Zone 2
- ◆ For explosion-proof wall air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones in the world.
- ◆ Explosion-proof wall air conditioner is based on renowned brand, by taking explosion-proof measures to indoor and outdoor units. Measures to outdoor unit: by taking special technics and control, conduct explosion-proof treatment to internal control units, compressor, outdoor fan motor, protective system, heat-removal system, cooling system, etc. Besides, explosion-proof control box and sensor system are applied with intrinsic safety. The outline dimensions and installation are the same as the prototype after explosion-proof treatment. Indoor unit: by taking special technics and control, dismantle internal electric control units and redesign explosion-proof structure which enables explosion-proof control box separated. Remote controller and sensor system are applied with intrinsic safety. The outline dimensions and installation are the same as the prototype after explosion-proof treatment.

■ Catalogue number logic








Dimension drawings (all dimensions in mm) - subject to alteration



Zones 1&2

Air Conditioners

BKF Series Explosion-proof Wall Air Conditioners (IIB)

| Technical data | | |
|--|--|--|
| Explosion-proof wall air conditioners BKF-□/□ | | |
| Explosion protection | Outdoor unit | Outdoor unit |
| | BYS Compressor  II 3 G Ex nC II 146°C(T3) BZC Control station  II 3 G Ex d IIB BDJ-W Fan motor  II 3 G Ex d IIB Indoor unit BDJ-N Fan motor  II 2 G Ex d IIB T4 BXK Control station  II 2 G Ex d [ib] ib IIB T4 | Ex d nC IIB 146°C Indoor unit Ex d [ib] ib IIB T4 Whole unit Ex nC d [ib] ib IIB 146°C |
| Certificates | LCIE 08 ATEX 6031X | IECEX CQM 08.0017X |
| Conformity to standards | IECEX; ATEX; CU-TR EN 60079-0, EN 60079-1, EN 60079-11, EN 60079-15 IEC 60079-0, IEC 60079-1, IEC 60079-11, IEC 60079-15 | |

| Technical data | | | |
|--|---------------------|------------------|-------------------|
| Type | | BKF-50/220 | BKF-71/220 |
| Cooling capacity | W | 5275 | 7066 |
| | BTU | 18000* | 24000* |
| Rated voltage / Frequency (V/Hz) | | 220~240/50 | 220~240/50 |
| Input power (P) | | 2P | 3P |
| Cooling input power / Current (W/A) | | 2300/10.5 | 3100/14.9 |
| Application areas (m²) | | 24~36 | 29~48 |
| Sound level (dB) | Indoor unit | 43* | 44* |
| | Outdoor unit | 54* | 55* |
| Outline dimensions (L x W x H) (mm) | Indoor unit | 960 x 385 x 245* | 1100 x 358 x 294* |
| | Outdoor unit | 910 x 690 x 390* | 910 x 690 x 390* |
| | Control box | 420 x 350 x 178 | 420 x 350 x 178 |
| Weight (kg) | Indoor unit | 21.00* | 25.00* |
| | Outdoor unit | 62.00* | 65.00* |
| | Control box | 21.00 | 21.00 |

Note: 1. The above technical data is for normally supplied products of T3 (-7°C~+52°C) temperature class, voltage is 220~240V AC/50Hz, other voltages are available, such as 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.

