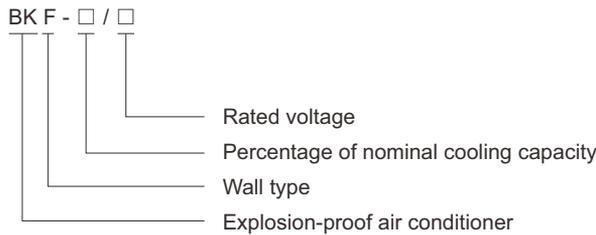


## Air Conditioners BKF Series Explosion-proof Wall Air Conditioners (IIB)

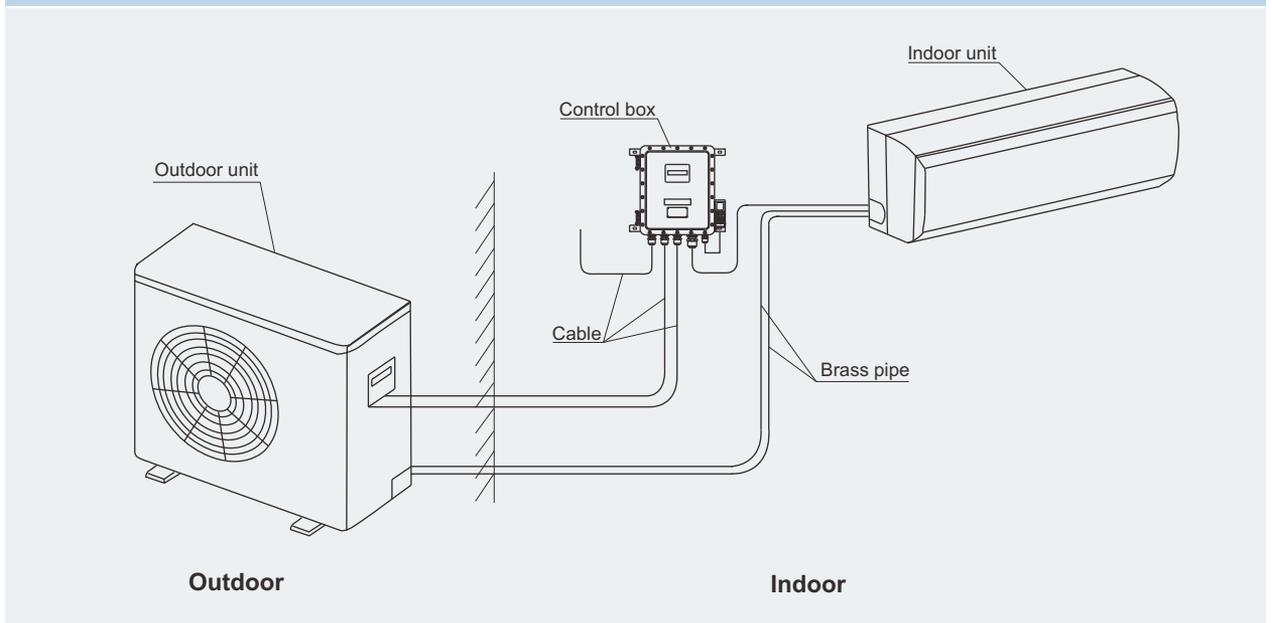


- ◆ Explosion protection to
  - CENELEC
  - IEC
- ◆ Can be used in  
Zone 1 and Zone 2
- ◆ For explosion-proof wall air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones in the world.
- ◆ 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		
<b>Explosion-proof wall air conditioners BKF-□/□</b>		
<b>Explosion protection</b>	<b>Outdoor unit</b>	<b>Outdoor unit</b>
	BYS Compressor  II 3 G Ex nC II 146 (T3) BZC Control station  II 3 G Ex d IIB BDJ-W Fan motor  II 3 G Ex d IIB <b>Indoor unit</b> BDJ-N Fan motor  II 2 G Ex d IIB T4 BXX Control station  II 2 G Ex d [ib] ib IIB T4	Ex d nC IIB 146  <b>Indoor unit</b> Ex d [ib] ib IIB T4  <b>Whole unit</b> Ex nC d [ib] ib IIB 146
<b>Certificates</b>	LCIE 08 ATEX 6031X	IECEX CQM 08.0017X
<b>Conformity to standards</b>	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
<b>Cooling capacity</b>	<b>W</b>	5275	7066
	<b>BTU</b>	18000*	24000*
<b>Rated voltage / Frequency (V/Hz)</b>		220~240/50	220~240/50
<b>Input power (P)</b>		2P	3P
<b>Cooling input power / Current (W/A)</b>		2300/10.5	3100/14.9
<b>Application areas (m<sup>2</sup>)</b>		24~36	29~48
<b>Sound level (dB)</b>	<b>Indoor unit</b>	43*	44*
	<b>Outdoor unit</b>	54*	55*
<b>Outline dimensions (L x W x H) (mm)</b>	<b>Indoor unit</b>	960 x 385 x 245*	1100 x 358 x 294*
	<b>Outdoor unit</b>	910 x 690 x 390*	910 x 690 x 390*
	<b>Control box</b>	420 x 350 x 178	420 x 350 x 178
<b>Weight (kg)</b>	<b>Indoor unit</b>	21.00*	25.00*
	<b>Outdoor unit</b>	62.00*	65.00*
	<b>Control box</b>	21.00	21.00

**Note:** 1. The above technical data is for normally supplied products of T3 (-7 ~ +52 ) 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.

