

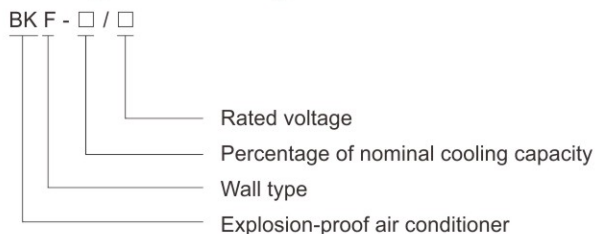
Air Conditioners

BKF Series Explosion-proof Wall Air Conditioners (IIB)

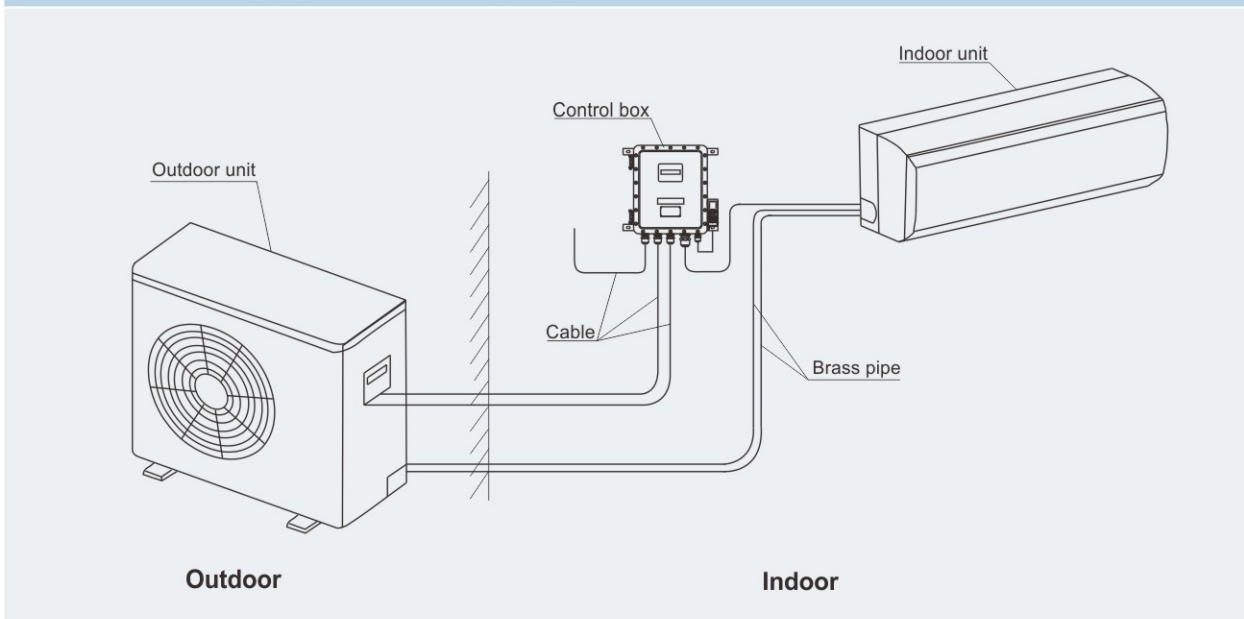


- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
- ◆ For explosion-proof wall air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones in the world.
- ◆ 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

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BKF Series Explosion-proof Wall Air Conditioners (IIB)

Technical data		
Explosion-proof wall air conditioners BKF-□/□		
Explosion protection	Outdoor unit BYS Compressor $\text{Ex} \text{ II 3 G Ex nC II 146}^\circ\text{C(T3)}$ BZC Control station $\text{Ex} \text{ II 3 G Ex d IIB}$ BDJ-W Fan motor $\text{Ex} \text{ II 3 G Ex d IIB}$	Outdoor unit Ex d nC IIB 146°C
	Indoor unit BDJ-N Fan motor $\text{Ex} \text{ II 2 G Ex d IIB T4}$ BXC Control station $\text{Ex} \text{ II 2 G Ex d [ib] ib IIB T4}$	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 (m ²)		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.			

