

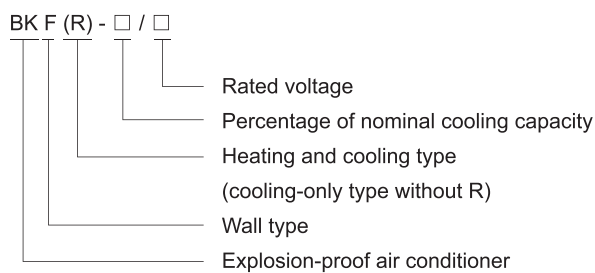
Air Conditioners

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

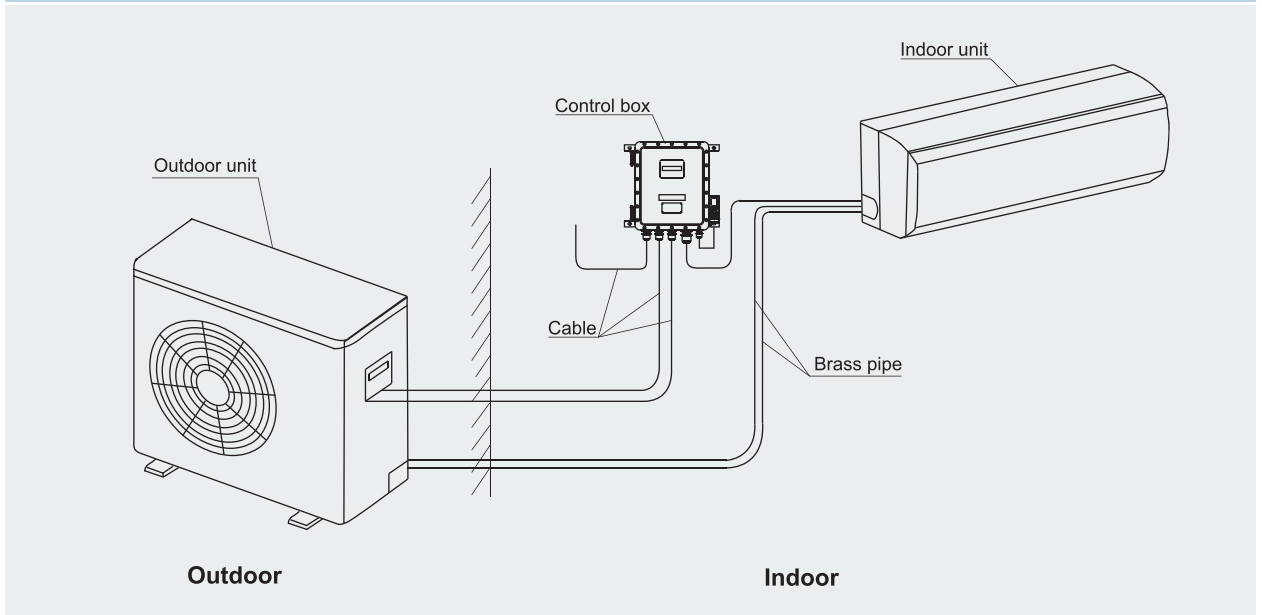


- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
- ◆ For explosion-proof wall air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones in the world.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

Technical data		
Explosion-proof wall air conditioners BKF(R)-□/□		
Explosion protection	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	Outdoor unit 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	EN 60079-0:2004, EN 60079-1:2004, EN 60079-11:2007, EN 60079-15:2005 IEC 60079-0:2004, IEC 60079-1:2003, IEC 60079-11:2006, IEC 60079-15:2005	

Technical data					
Type		BKF-50/220	BKFR-50/220	BKF-71/220	BKFR-71/220
Cooling capacity	W	5275	5275	6448	6448
	BTU	18000	18000	24000	24000
Heating capacity (W)		—	5600	—	6600
Rated voltage / Frequency (V/Hz)		220/50	220/50	220/50	220/50
Input power (P)		2P	2P	3P	3P
Cooling input power / Current (W/A)		1752/8.0	1752/8.5	2186/10.0	2186/10.5
Heating input power / Current (W/A)		—	1647/7.5	—	1886/8.6
Application areas (m ²)		24~36	22~27	29~48	27~34
Sound level (dB)	Indoor unit	43	43	44	44
	Outdoor unit	54	54	55	55
Outline dimensions (L x W x H) (mm)	Indoor unit	1100 x 358 x 294	1100 x 358 x 294	1100 x 358 x 294	1100 x 358 x 294
	Outdoor unit	860 x 655 x 330	860 x 655 x 330	860 x 655 x 330	860 x 655 x 330
	Control box	420 x 350 x 178	420 x 350 x 178	420 x 350 x 178	420 x 350 x 178
Weight (kg)	Indoor unit	16	16	16	16
	Outdoor unit	54	58	78	78
	Control box	21.2	21.2	21.2	21.2

Note: The above technical data is for normally supplied products of T3 (−7°C~+52°C) temperature class, rated voltage is 220V AC/50Hz, other voltages are available, such as 220V AC/60Hz, 230V AC/50Hz, 230V AC/60Hz, 240V AC/50Hz, 240V AC/60Hz etc., please specify when ordering.

The above data is only for reference, the actual product shall prevail.

