

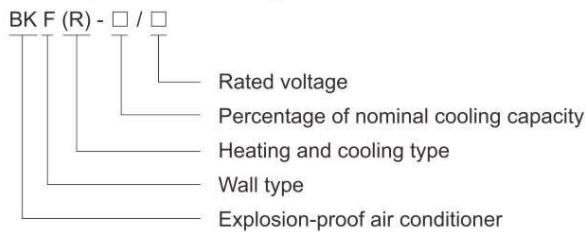
## Air Conditioners

### BKF(R) Series Explosion-proof Wall Air Conditioners (IIC)

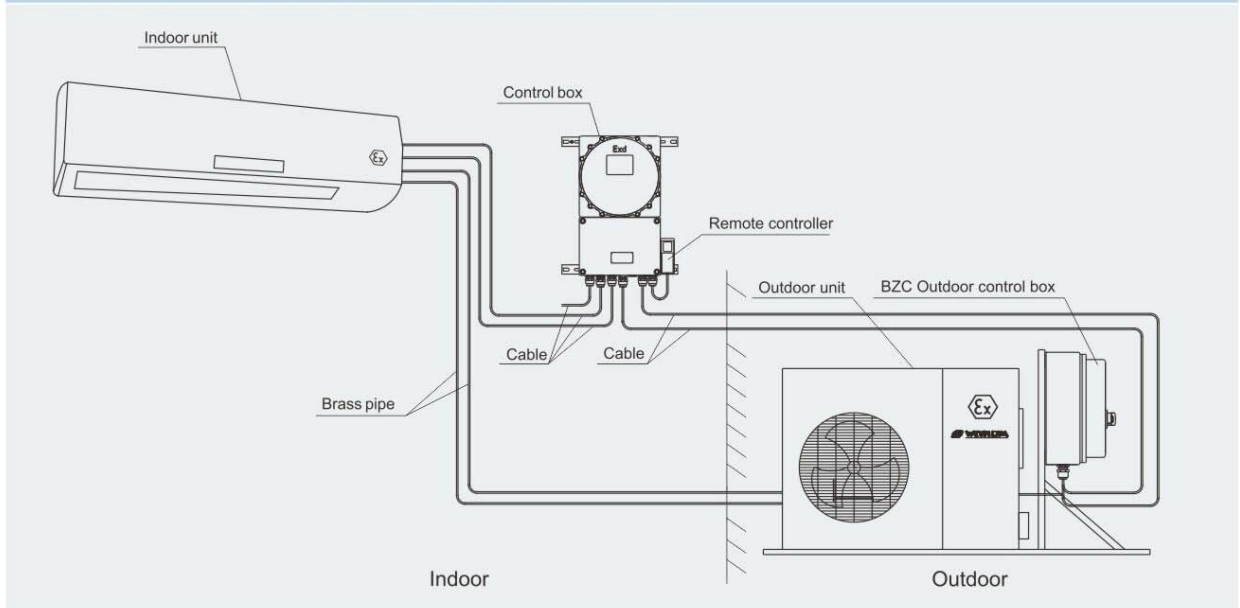


- ◆ Explosion protection to
  - CENELEC
  - IEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
- ◆ For explosion-proof wall air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature 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; 21&22

## Air Conditioners

### BKF(R) Series Explosion-proof Wall Air Conditioners (IIC)

Technical data	
<b>Explosion-proof wall air conditioners BKF(R)-□/□</b>	
<b>Explosion protection</b>	
Global (IECEX)	IECEX CQM 14.0001X
Gas and dust	Ex d e ib mb px IIC T4 Gb Ex ibD tb pD IIIC T130°C Db IP66
Europe (ATEX)	EUT 14 ATEX 1235
Gas and dust	⊕ II 2 G Ex d e ib mb px IIC T4 Gb ⊕ II 2 D Ex ib tb pD IIIC T130°C Db IP66
<b>Certificates</b>	IECEX; ATEX; CU-TR
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-2, EN 60079-7, EN 60079-11, EN 60079-18 EN 60079-31, EN 61241-4, EN 13463-1 IEC 60079-0, IEC 60079-1, IEC 60079-2, IEC 60079-7, IEC 60079-11, IEC 60079-18 IEC 60079-31, IEC 61241-4, IEC 61241-11

Technical data			
Type		BKF(R)-50/220	BKF(R)-71/220
Cooling capacity	W	5275	7032
	BTU	18000*	24000*
Heating capacity (W)		5600	6600
Rated voltage/Frequency (V/Hz)		220~240/50	220~240/50
		220~240/60	220~240/60
Input power (P)		2P	3P
Cooling input power/Current (W/A)		1432/6.5	2200/10
Heating input power/Current (W/A)		1690/7.68	2600/11.8
Application areas (m <sup>2</sup> )		22~37	27~44
Sound level (dB)	Indoor unit	43*	44*
	Outdoor unit	54*	54*
Outline dimensions (L x W x H) (mm)	Indoor unit	960 x 385 x 245*	1070 x 400 x 275*
	Outdoor unit	1450 x 900 x 700*	1450 x 900 x 700*
	Control box	690 x 430 x 211	690 x 430 x 211
Weight (kg)	Indoor unit	21.00*	25.00*
	Outdoor unit	146.00*	148.00*
	Control box	30.00	30.00

**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.

