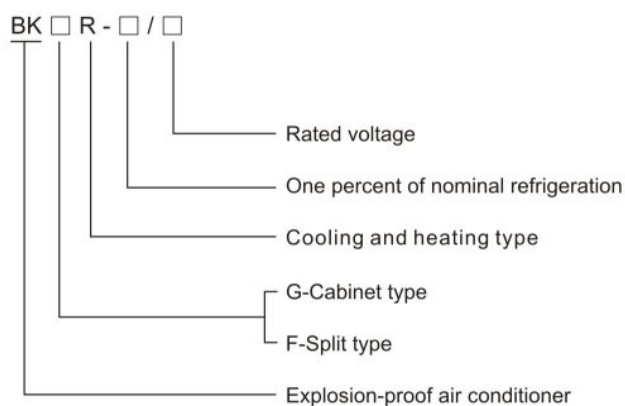


BK□ R- Series Explosion-proof Air Conditioners

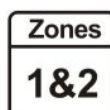
1 Application and Features

- Explosion protection
- China Ex(GB)
- Application in hazardous area
Zone 1 and Zone 2
- Structures: Split type & Cabinet type.
- Functions: Cooling only type & Cooling and heating type.
- Manual control or remote control.
- The explosion-proof air conditioner is based on common AC, treat with explosion-proof protection to indoor and outdoor units.

2 Nomenclature



Note: It should be noted when there are requirements for refrigerant.



BK□ R- Series Explosion-proof Air Conditioners

3 Technical Parameter

Ex marking	Gas	Ex d e i b m b IIB T4 Gb						
		Ex d e i b m b IIC T4 Gb						
Conformity to standards		GB3836.1, GB 3836.2, GB 3836.3, GB 3836.4, GB 3836.9						
Specifications								
Technical data		BKFR-26	BKFR-35	BKFR-50	BKGR-50	BKGR-72	BKGR-120	BKGR-280
Input power(P)		1P	1.5P	2P	2P	3P	5P	10P
Cooling capacity(W)		2650	3500	5030	5080	7200	12000	28000
Heating capacity(W)		2920	3850	5760	5560	7800	12800(16300)	30000
Rated voltage(V)		AC220	AC220	AC220	AC220	AC220/380	AC380	AC380
Frequency(Hz)		50	50	50	50	50	50	50
Input power(W)	Cooling	808	1067	1525	1595	2340	3810	11500
	Heating	810	1120	1750	1580	2350	3900(7400)	10000(15400)
Input current(A)	Cooling	3.7	4.9	6.9	7.3	10.6	5.8	19.8
	Heating	3.7	5.1	8	7.2	10.7	5.9	19
Application areas(m²) (Height within 3meters)		8~13 (10~12)	12~21 (13~16)	24~36 (22~27)	23~29	32~31	55~85	95~140
Sound level (dB)	Indoor unit	22.5/35	25/38	31/41	36/42	36/42	50/52	59/64
	Outdoor unit	49	51	53	53	53	59.5	68
Outline dimensions (LxWxH) (mm)	Indoor unit	838X266X189	891X276X202	970X303X225	482X1700X318	500X1750X335	587X1882X394	1200X400X1850
	Outdoor unit	776X540X320	848X540X320	955X700X396	899X596X378	955X700X396	1032X1250X412	930X770X1670
Weight (kg)	Indoor unit	9.5	10.5	14.5	35	39	57.5	150
	Explosion-proof control box	14.5	14.5	14.5	20	26	26	30
	Outdoor unit	29	32.5	51.5	44	57	102	240
Joint pipe length (m)		3	3	3	4	4	4	5

Note:

1. Outdoor ambient temperature of air conditioner: cooling 18℃ ~ 43℃, heating -7℃ ~ 24℃, according to the air conditioner manual;
2. Please indicate when the length of the connecting pipe exceeds the standard configuration;
3. The size parameters of this series of products are for user reference only, and all parameters are subject to the nameplate and related product manuals.