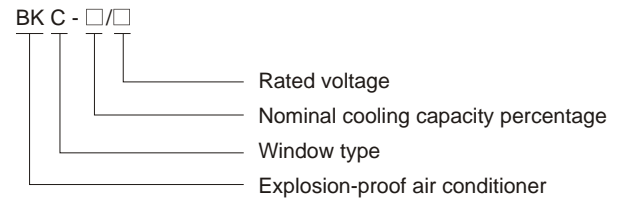




■ Catalogue number logic



■ General Introduction

- ◆ For explosion-proof window air conditioner, the corresponding product is the single cooling air conditioner in T1 and T3 group. It is mainly used in high temperature areas, such as Middle East, Middle Africa, South Asia and tropical zone nearby the equator.
- ◆ Explosion-proof window air conditioner is developed on base of product of Carrier, O GENERAL (FUJI) or GREE brand, by conducting explosion-proof treatment to internal control units,

compressor, indoor and outdoor fan motors, temperature sensor system, protective system, heat-removal system, cooling system, etc., after which the outline dimensions and installation are the same as the original ones.

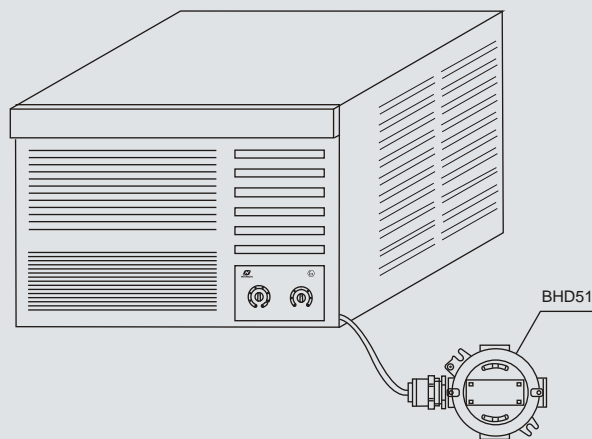
- ◆ Normally, the product is of T1 temperature class rated voltage is AC220V/50Hz. other voltages are available, such as AC220V/60Hz, AC230V/50Hz, AC230V/60Hz, AC240V/50Hz, AC240V/60Hz etc. please specify when ordering.

Technical data

Explosion-proof window air conditioners BKC-□/□

Explosion protection	Ex II 3 G Ex d nC IIB T4 Gc
Certificates	LCIE 11 ATEX 1002X; IECEX CQM 11.0021X
Conformity to standards	EN 60079-0:2009, EN 60079-1:2007, EN 60079-15:2005 IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-15:2010


Dimension drawings (all dimensions in mm) - subject to alteration



Zone 2



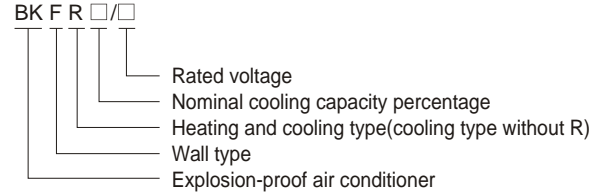
Technical data			
Type		BKC-50/220	BKC-70/220
Cooling capacity	W	5400	7000
	BTU	18000	24000
Rated voltage/Frequency (V/Hz)		220/50	220/50
Input power (P)		2P	3P
Cooling input power (W)		2750	3770
Rated current (A)		12.8	17.4
Application areas (m ²)		22~32	30~40
Sound level (dB)	Indoor unit	≤53	≤57
	Outdoor unit	≤60	≤63
Outline dimensions (Lx W xH) (mm)		730×680× 450	730×680×450
Weight (kg)		50	55
Note: Technical data above for products of T1 rating.			

Accessories			
Image	Name	Application	Ordering code
 Explosion-proof fan motor	BKC-50/220 Explosion-proof fan motor	T1, AC220V/50Hz	801001
		T3, AC220V/50Hz	801002
	BKC-70/220 Explosion-proof fan motor	T1, AC220V/50Hz	801003
		T3, AC220V/50Hz	801004
 Explosion-proof compressor	BKC-50/220 Explosion-proof compressor	T1, AC220V/50Hz	801005
		T3, AC220V/50Hz	801006
	BKC-70/220 Explosion-proof compressor	T1, AC220V/50Hz	801007
		T3, AC220V/50Hz	801008





Catalogue number logic



General Introduction

- ◆ For explosion-proof wall air conditioner, both single cooling and combined heating and cooling products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones world wide.
- ◆ Explosion-proof wall air conditioner is developed on base of normal product of MITSUBISHI, Carrier, O GENERAL (FUJI) or GREE brands, 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 coped with intrinsic safety. The outline dimensions and installation are the same as the original ones after explosion-proof treatment. Indoor unit: by taking special technics and control, dismantle internal electric control units and redesign to explosion-proof structure which enables separate explosion-proof control box. Remote controller (3V safety power) and sensor system are coped with intrinsic safety. The outline dimensions and installation are the same as the original ones after explosion-proof treatment.

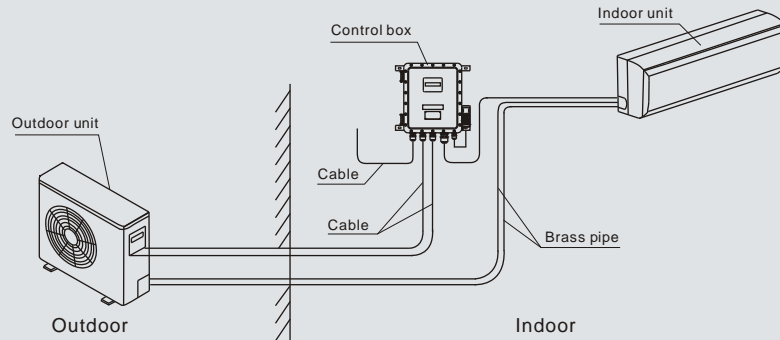
- ◆ Normally, the product is of T1 temperature class rated voltage is AC220V/50Hz. other voltages are available, such as AC220V/60Hz, AC230V/50Hz, AC230V/60Hz, AC240V/50Hz, AC240V/60Hz etc. please specify when ordering.

Technical data

Explosion-proof wall air conditioners BKF(R)-□/□

Explosion protection	Outdoor unit: BYS Compressor	Ex II 3 G Ex nC II 146°C (T3)	Whole unit: Ex nCd[ib] ib IIB 146°C	Ex deib[ib] GbJnC IIB T4 Gc
	BZC Control station	Ex II 3 G Ex d IIB	Outdoor unit: Ex dnC IIB 146°C	Ex deib[ib] GbJnC IIC T4 Gc
Certificates	BDJ-W Fan motor	Ex II 3 G Ex d IIB	Indoor unit: Ex d[ib] ib IIB T4	
	Indoor unit: BDJ-N Fan motor	Ex II 2 G Ex d IIB T4		
	BXK Control station	Ex II 2 G Ex d[ib] ib IIB T4		
Conformity to standards	LCIE 08 ATEX 6031X		IECEX CQM 08.0017X	PCEC(China)
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 60079-7:2006, IEC 60079-11:2006, IEC 60079-15:2005			

Dimension drawings (all dimensions in mm) - subject to alteration






Zones 1&2



Technical data					
Type		BKF-50/220	BKFR-50/220	BKF-71/220	BKFR-71/220
Cooling capacity	W	5550	5550	7400	7400
	BTU	18000	18000	24000	24000
Heating capacity (W)		—	6200	—	8400
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)		2060/9.6	2060/9.8	2650/12.2	2650/12.4
Heating input power/Current (W/A)		—	1790/8.48	—	2770/13.0
Application areas (m ²)		24~36	22~27	29~48	27~34
Sound level (dB)	Indoor unit	43	43	44	44
	Outdoor unit	49	51	53	54
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	10	10	10	10

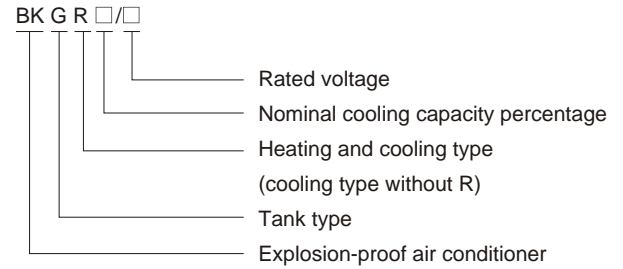
Note: Technical data above for products of T1 rating.

Accessories			
Image	Name	Application	Ordering code
 Explosion-proof indoor fan motor	BKF(R)-50/220 Explosion-proof indoor fan motor	T1, AC220V/50Hz	802001
		T2, AC220V/50Hz	802002
		T3, AC220V/50Hz	802003
	BKF(R)-71/220 Explosion-proof indoor fan motor	T1, AC220V/50Hz	802004
		T2, AC220V/50Hz	802005
		T3, AC220V/50Hz	802006
 Explosion-proof compressor	BKF(R)-50/220 Explosion-proof compressor	T1, AC220V/50Hz	802007
		T2, AC220V/50Hz	802008
		T3, AC220V/50Hz	802009
	BKF(R)-71/220 Explosion-proof compressor	T1, AC220V/50Hz	802010
		T2, AC220V/50Hz	802011
		T3, AC220V/50Hz	802012
 Explosion-proof outdoor fan motor	BKF(R)-50/220 Explosion-proof outdoor fan motor	T1, AC220V/50Hz	802013
		T2, AC220V/50Hz	802014
		T3, AC220V/50Hz	802015
	BKF(R)-71/220 Explosion-proof outdoor fan motor	T1, AC220V/50Hz	802016
		T2, AC220V/50Hz	802017
		T3, AC220V/50Hz	802018





■ Catalogue number logic



■ General Introduction

- ◆ For explosion-proof tank air conditioner, both single cooling and combined heating and cooling products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones world wide.
- ◆ Explosion-proof tank air conditioner is developed on base of normal product of MITSUBISHI, Carrier, O GENERAL(FUJI) or GREE brands, 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 coped with intrinsic safety. The outline dimensions and installation are the same as the original ones after explosionproof treatment. Indoor unit: by taking special technics and control, dismantle internal electric control units and re-design to explosion-proof structure which enables separate explosion-proof control box. Remote controller and sensor system are coped with intrinsic safety. The outline dimensions and installation are the same as the original ones after explosion-proof treatment.
- ◆ Normally, the product is of T1 temperature class rated voltage is AC220V/50Hz. other voltages are available, such as AC220V/60Hz, AC230V/50Hz, AC230V/60Hz, AC240V/50Hz, AC240V/60Hz etc. please specify when ordering.



Technical data

Explosion-proof tank air conditioners BKG(R)-□/□

Explosion protection

⊕ II 3(2) G Ex deib[ib Gb]nC IIB T4 Gc

⊕ II 3(2) G Ex deib[ib Gb]nC IIC T4 Gc

Certificates

PCEC (China); LCIE 12 ATEX____; IECEX

Conformity to standards

EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007, EN 60079-11:2007

EN 60079-15:2010

IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-7:2006, IEC 60079-11:2006

IEC 60079-15:2010

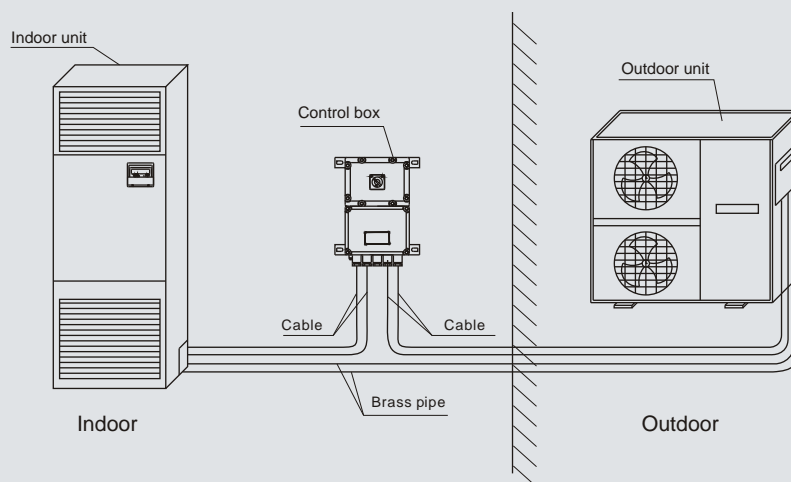
Zones 1&2

Technical data

Type		BKG-70/220	BKGR-70/220	BKG-120/380	BKGR-120/380
Cooling capacity	W	7300	7300	12200	12200
	BTU	24000	24000	40000	40000
Heating capacity (W)		—	7800	—	14500
Rated voltage/Frequency (V/Hz)		220/50	220/50	380/50	380/50
Input power (P)		3P	3P	5P	5P
Cooling input power/current (W/A)		2780/12.1	2780/12.1	4380/7.8	4380/7.8
Heating input power/current (W/A)		—	2600/11.3	—	5000/8.9
Application areas (m ²)		27~32	27~32	50~80	50~80
Sound level (dB)	Indoor unit	43	43	52	52
	Outdoor unit	53	53	56	56
Outline dimensions (L x W x H) (mm)	Indoor unit	1900 x 600 x 280	1900 x 600 x 280	1900 x 600 x 280	1900 x 600 x 280
	Outdoor unit	870 x 850 x 319	870 x 850 x 319	1258 x 970 x 369	1258 x 970 x 369
	Control box	380 x 250 x 165	380 x 250 x 165	380 x 250 x 165	380 x 250 x 165
Weight (kg)	Indoor unit	48	48	48	48
	Outdoor unit	75	75	119	119
	Control box	6	6	7	7

Note: Technical data above for products of T1 rating.


Dimension drawings (all dimensions in mm) - subject to alteration




Accessories

Image	Name	Application	Ordering code
 <p>Explosion-proof indoor fan motor</p>	BKG(R)-70/220 Explosion-proof indoor fan motor	T1, AC220V/50Hz	803001
		T2, AC220V/50Hz	803002
		T3, AC220V/50Hz	803003
	BKG(R)-120/380 Explosion-proof indoor fan motor	T1, AC220V/50Hz	803004
		T2, AC220V/50Hz	803005
		T3, AC220V/50Hz	803006

Accessories

Image	Name	Application	Ordering code
 <p>Explosion-proof compressor</p>	BKG(R)-70/220 Explosion-proof compressor	T1, AC220V/50Hz	803007
		T2, AC220V/50Hz	803008
		T3, AC220V/50Hz	803009
	BKG(R)-120/380 Explosion-proof compressor	T1, AC380V/50Hz	803010
		T2, AC380V/50Hz	803011
		T3, AC380V/50Hz	803012

Accessories

Image	Name	Application	Ordering code
 Explosion-proof outdoor fan motor	BKG(R)-70/220 Explosion-proof outdoor fan motor	T1, AC220V/50Hz	803013
		T2, AC220V/50Hz	803014
		T3, AC220V/50Hz	803015
	BKG(R)-120/380 Explosion-proof outdoor fan motor	T1, AC380V/50Hz	803016
		T2, AC380V/50Hz	803017
		T3, AC380V/50Hz	803018

