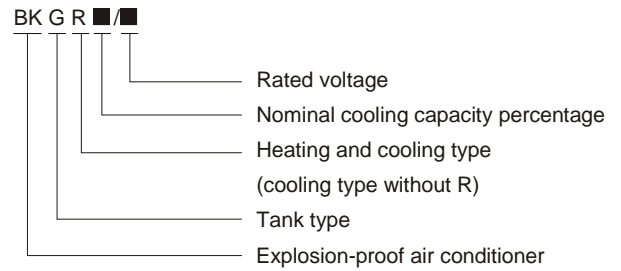




■ Catalogue number logic



■ 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	<ul style="list-style-type: none"> ⊕ 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

Air Conditioners

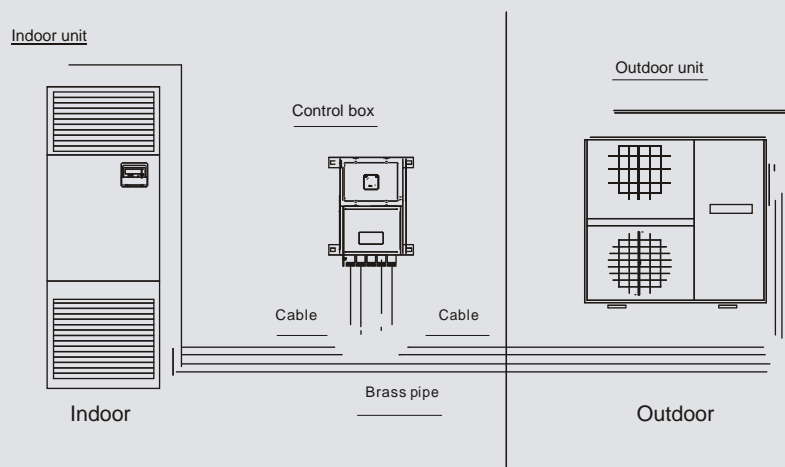
BKG Series Explosion-proof Tank Air Conditioners

Technical data


Typ	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
	BKG(R)-70/220 Explosion-proof indoor fan motor	T1, AC220V/50Hz	803001
		T2, AC220V/50Hz	803002
	BKG(R)-120/380 Explosion-proof indoor fan motor	T3, AC220V/50Hz	803003
		T1, AC220V/50Hz	803004
		T2, AC220V/50Hz	803005
		T3, AC220V/50Hz	803006

Accessories

Image	Name	Application	Ordering code
	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