

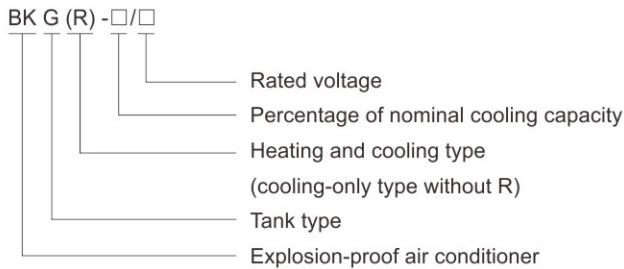
## Air Conditioners

### BKG(R) Series Explosion-proof Tank Air Conditioners

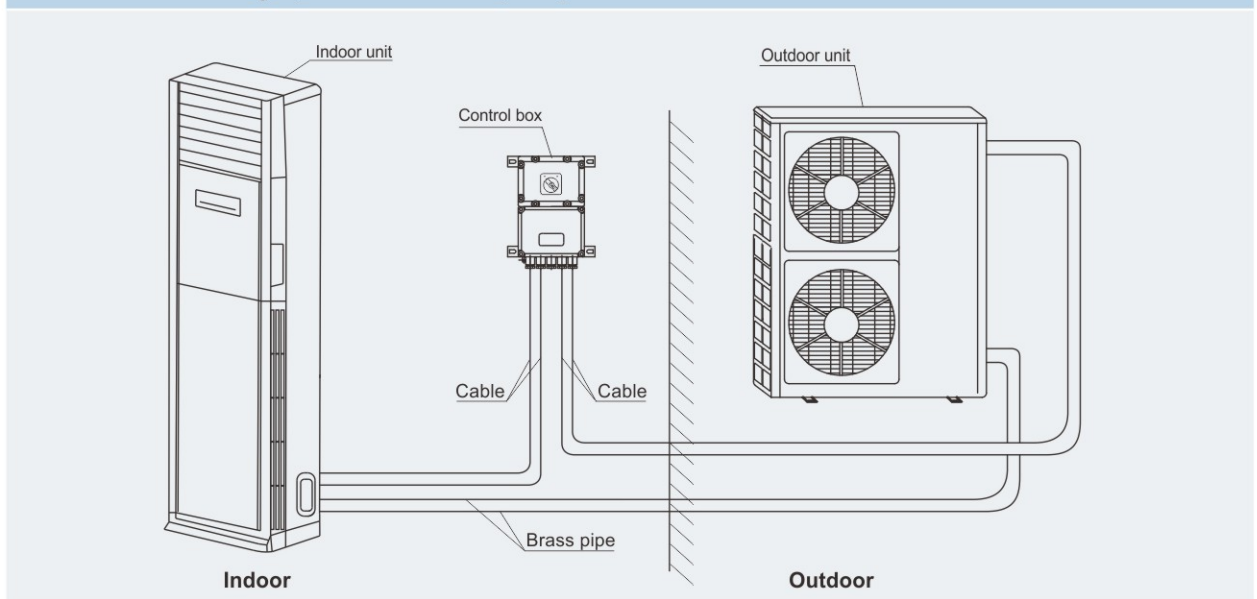


- ◆ Explosion protection to
  - CENELEC
  - IEC
- ◆ Can be used in Zone 1 and Zone 2
- ◆ For explosion-proof tank air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones in the world.
- ◆ Explosion-proof tank 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 re-design 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

### BKG(R) Series Explosion-proof Tank Air Conditioners

#### Technical data

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

<b>Explosion protection</b>	
Global (IECEX)	IECEX (applied for)
Gas	Ex db eb ib [ib Gb] nC IIB T4 Gc Ex db eb ib [ib Gb] nC IIC T4 Gc
Europe (ATEX)	ATEX (applied for)
Gas	⊕ II 3 (2) G Ex db eb ib [ib Gb] nC IIB T4 Gc ⊕ II 3 (2) G Ex db eb ib [ib Gb] nC IIC T4 Gc
<b>Certificates</b>	IECEX; ATEX
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-11, EN 60079-15 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-11, IEC 60079-15

#### 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 <sup>2</sup> )		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*	870 x 850 x 319*
	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	48.00*	48.00*	48.00*	48.00*
	Outdoor unit	75.00*	75.00*	119.00*	119.00*
	Control box	6.00	6.00	7.00	7.00

**Note:** 1. The above technical data is for normally supplied products of T1 (-7°C~+43°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, 380V AC/50Hz, 380V AC/60Hz etc., 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.

