

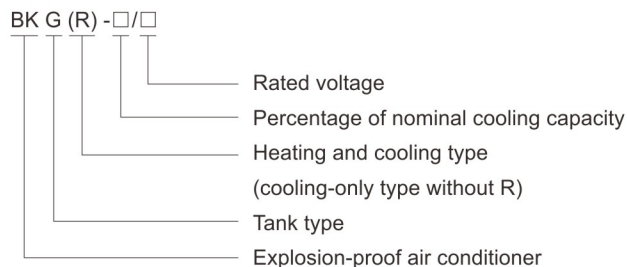
Air Conditioners

BKG(R) Series Explosion-proof Tank Air Conditioners

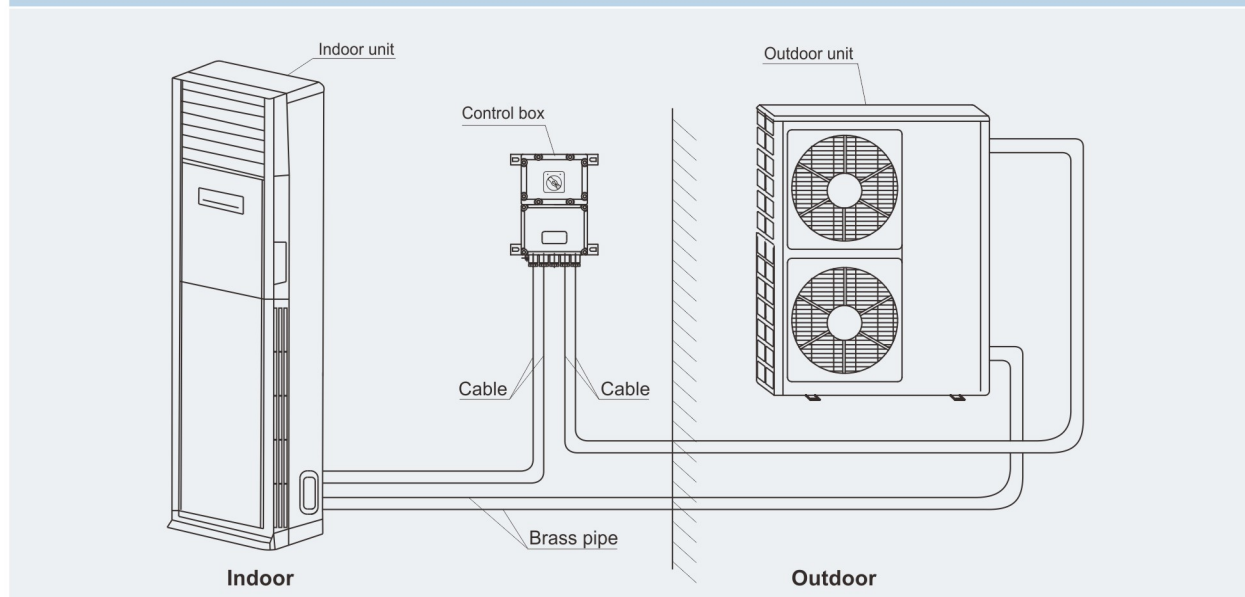


- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in Zone 1 and Zone 2
- ◆ For explosion-proof tank air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones in the world.
- ◆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

Explosion protection

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

Ex II 3 (2) G Ex db eb ib [ib Gb] nC IIB T4 Gc

Ex II 3 (2) G Ex db eb ib [ib Gb] nC IIC T4 Gc

Certificates

IECEX; ATEX

Conformity to standards

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 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	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: The above technical data is for normally supplied products of T1 (−7℃~+43℃) 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.

The above data is only for reference, the actual product shall prevail.

