



BKF Air Conditioner ATEX

Protection mode:

Type of protection:

- EX II3G Ex nC II 146°C (T3) for BYC Compressor
- EX II3G Ex d IIB for BZC Control station
- EX II3G Ex d IIB for BDJ-W Fan motor
- EX II2G Ex d IIB T4 for BDJ-N Fan motor
- EX II2G Ex d[ib] ib IIB T4 for BXK Control station

Classes of temperatures:

T3-T4

Zones :

1-2



Description:

For explosion-proof wall air conditioner, cooling system are available to meet different requirements of low, medium and high temperature zones worldwide. 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 technical and control, conduct explosion-proof treatment to internal control units, compressor, outdoor fan motor, protective 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. Rated voltage is AC220V/50Hz. other voltages are available such as AC220V/60Hz, AC 230V/ 50Hz, AC230V/60Hz , AC240V/50Hz, AC240V/60Hz on request.

Explosion-proof wall air conditioners (BKF-../.)			
Explosion protection	Outdoor unit:	BYS Compressor EX II3G Ex nC II 146°C (T3) BZC Control station EX II3G Ex d IIB BDJ-W Fan motor EX II3G Ex d IIB	Whole unit: Ex nCd[ib] ib IIB 146°C Outdoor unit: Ex dnC IIB 146°C Indoor unit: Ex d[ib] ib IIB T4
	Indoor unit:	BDJ-N Fan motor EX II2G Ex d IIB T4 BXK Control station EX II2G Ex d[ib] ib IIB T4	Ex deib[i] b Gb]nC IIB T4 Gc Ex deib[ib Gb]nC IIC T4 Gc
Certificates	ATEX LCIE		IEC Ex PCEC
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		



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References:

BK F 50 / 220

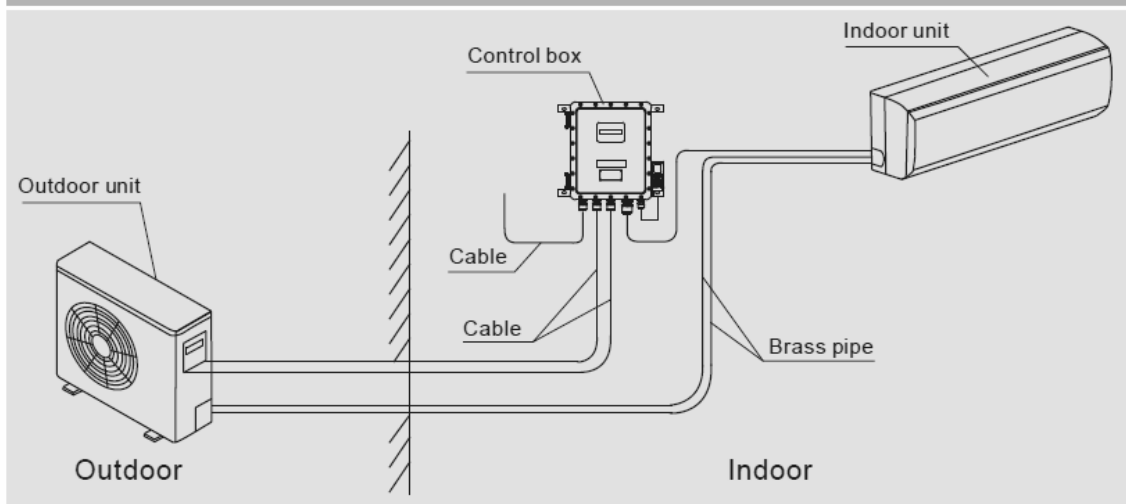
- Rated voltage 220V
- Cooling capacity 5550W
- Wall mounting
- Explosion-proof air conditioner

BK F 71 / 220

- Rated voltage 220V
- Cooling capacity 7400W
- Wall mounting
- Explosion-proof air conditioner

Technical drawings:

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



Technical data:

Type		BKF-50/220	BKF-71/220
Cooling capacity	W	5550	7400
	BTU	18000	24000
Rated voltage / Frequency (V/Hz)		220/50	220/50
Input power (P)		2P	3P
Cooling input power/Current (W/A)		2060/9.6	2650/12.2
Applications areas (m ²)		24-36	29-48
Sound level (dB)	Indoor unit	43	44
	Outdoor unit	49	53
Outline dimensions (L x W x H) (mm)	Indoor unit	1100 x 358 x 294	1100 x 358 x 294
	Outdoor unit	860 x 655 x 330	860 x 655 x 330
	Control box	420 x 350 x 178	420 x 350 x 178
Weight	Indoor unit	16	16
	Outdoor unit	54	78
	Control box	10	10