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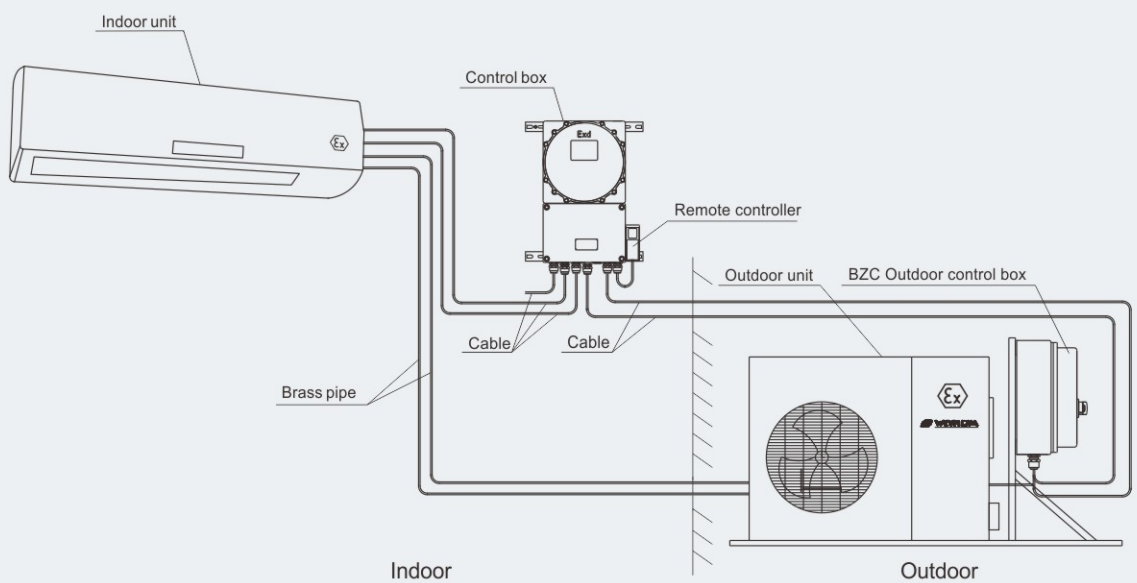
- Explosion protection to
  -CENELEC
  -IEC
- Can be used in
  Zone 1 and Zone 2
  Zone 21 and Zone 22
- For explosion-proof wall air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature zones in the world.
- Explosion-proof wall 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 redesign explosion-proof structure which enables explosion-proof control box seperated. 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

BK F (R) - □ / □

- Rated voltage
- Percentage of nominal cooling capacity
- Heating and cooling type
- Wall type
- Explosion-proof air conditioner

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



Zones 1&2; 21&22

Technical data

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

Explosion protection	
Global (IECEx)	IECEx CQM 14.0001X
Gas and dust	Ex d e ib mb px IIC T4 Gb
	Ex ibD tb pD IIIC T130℃ Db IP66
Europe (ATEX)	EUT 14 ATEX 1235
Gas and dust	Ⓔx II 2 G Ex d e ib mb px IIC T4 Gb
	Ⓔx II 2 D Ex ib tb pD IIIC T130℃ Db IP66
Certificates	IECEx; ATEX; CU-TR
Conformity to standards	EN 60079-0, EN 60079-1, EN 60079-2, EN 60079-7, EN 60079-11, EN 60079-18
	EN 60079-31, EN 61241-4, EN 13463-1
	IEC 60079-0, IEC 60079-1, IEC 60079-2, IEC 60079-7, IEC 60079-11, IEC 60079-18
	IEC 60079-31, IEC 61241-4, IEC 61241-11

Technical data

Type		BKF(R)-50/220	BKF(R)-71/220
Cooling capacity	W	5275	7032
	BTU	18000*	24000*
Heating capacity (W)		5600	6600
Rated voltage/Frequency (V/Hz)		220~240/50	220~240/50
		220~240/60	220~240/60
Input power (P)		2P	3P
Cooling input power/Current (W/A)		1432/6.5	2200/10
Heating input power/Current (W/A)		1690/7.68	2600/11.8
Application areas (m^2)		22~37	27~44
Sound level (dB)	**Indoor unit**	43*	44*
	Outdoor unit	54*	54*
Outline dimensions (L x W x H) (mm)	**Indoor unit**	960 x 385 x 245*	1070 x 400 x 275*
	Outdoor unit	1450 x 900 x 700*	1450 x 900 x 700*
	Control box	690 x 430 x 211	690 x 430 x 211
Weight (kg)	**Indoor unit**	21.00*	25.00*
	Outdoor unit	146.00*	148.00*
	Control box	30.00	30.00

Note: 1. The above technical data is for normally supplied products of T3 (–7℃~+52℃) temperature class, voltage is 220~240V AC/50Hz, other voltages are available, such as 220~240V AC/60Hz, 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.