

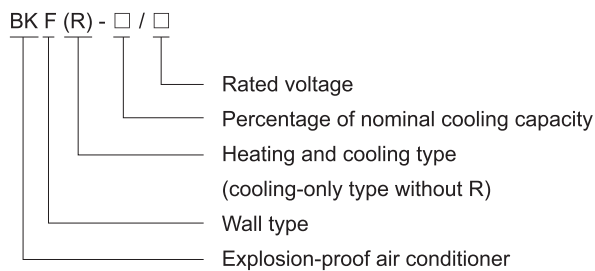
Air Conditioners

BKF(R) Series Explosion-proof Wall Air Conditioners (IIC)

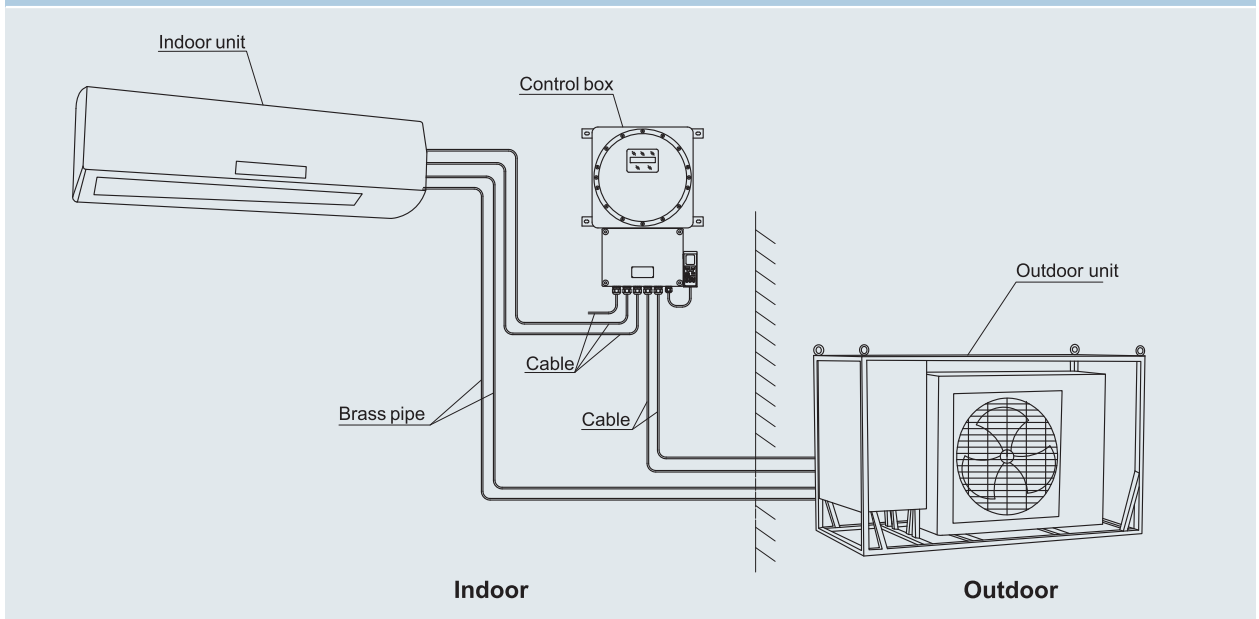


- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ For explosion-proof wall air conditioner, both cooling-only and cooling & heating products in T1, T2, and T3 are available, to meet different requirements of low, medium and high temperature 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 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; 21&22

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Technical data		
Explosion-proof wall air conditioners BKF(R)-□/□		
Explosion protection		
Gas explosion protection	⊕ II 2 G Ex d e ib mb px IIC T4 Gb	Ex d e ib mb px IIC T4 Gb
Dust explosion protection	⊕ II 2 D Ex ib tb pD IIIC T130°C Db IP66	Ex ibD tb pD IIIC T130°C Db IP66
Certificates	EUT 14 ATEX 1235	IECEX CQM 14.0001X
Conformity to standards	RU C-CN.ГБ08.B.01105(CU-TR); KZ.7500525.22.01.00379 (CU-TR)	
	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-50/220	BKFR-50/220	BKF-71/220	BKFR-71/220
Cooling capacity	W	5275	5275	6448	6448
	BTU	18000	18000	24000	24000
Heating capacity (W)		-	5600	-	6600
Rated voltage/Frequency (V/Hz)		220~240/50	220~240/50	220~240/50	220~240/50
Input power (P)		2P	2P	3P	3P
Cooling input power/Current (W/A)		1752/8.0	1752/8.5	2186/10.0	2186/10.5
Heating input power/Current (W/A)		-	1647/7.5	-	1886/8.6
Application areas (m²)		24~36	22~37	29~48	27~44
Sound level (dB)	Indoor unit	43	43	44	44
	Outdoor unit	54	54	55	54
Outline dimensions (L x W x H) (mm)	Indoor unit	960 x 385 x 245	960 x 385 x 245	1070 x 400 x 275	1070 x 400 x 275
	Outdoor unit	1450 x 900 x 700	1450 x 900 x 700	1450 x 900 x 700	1450 x 900 x 700
	Control box	690 x 430 x 211	690 x 430 x 211	690 x 430 x 211	690 x 430 x 211
Weight (kg)	Indoor unit	21.00	21.00	25.00	25.00
	Outdoor unit	146.00	146.00	148.00	148.00
	Control box	30.00	30.00	30.00	30.00

Note: The above technical data is for normally supplied products of T3 (-7°C~+55°C) temperature class, voltage is 220~240V AC/50Hz, other voltages are available, such as 220~240V AC/60Hz, please specify when ordering. The above data is only for reference, the actual product shall prevail.

