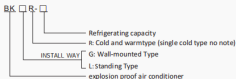




Scope of application

1. Used in Zone 1 and Zone 2; Zone 21 and Zone 22; IIA, IIB, IIC;
2. Temperature group: T1~T6;
3. It is suitable for dangerous environment such as oil exploitation, oil refining, chemical industry, military industry, offshore oil platform, oil tanker and metal processing.
4. Used in workshop, control room, laboratory and other fields to adjust the temperature.

Model



Executive Standard

GB/T3836.1, GB/T3836.2, GB/T3836.3, GB/T3836.4, GB/T3836.9, IEC60079-0, IEC60079-1, IEC60079-7, IEC60079-11, IEC60079-18, EN60079-0, EN60079-1, EN60079-7, EN60079-11, EN60079-18,

Product Feature

1. Explosion-proof air conditioning is made of explosion-proof treatment on the basis of ordinary air conditioning, explosion-proof performance is reliable, and has no impact on the performance of the original air conditioning;
2. explosion-proof air conditioning according to the structure can be divided into: split wall type and floor type, according to the function can be divided into: single cooling type and cold and warm type;
3. Explosion-proof air conditioning pipeline connection and ordinary air conditioning, electrical connection must be in accordance with the explosion-proof electrical installation process requirements, first introduce the power into the explosion-proof control box, and then from the explosion-proof control box to the indoor unit and outdoor unit.
4. The explosion-proof control box is equipped with a power switch;
5. Steel pipe or cable wiring can be used.

Technical Specification

Type		BKFR-25	BKFR-35	BKFR-50	BKFR-72	BKLR-120
Rated voltage/frequency		220V/380V/50Hz				380V/50Hz
Rated cooling capacity (W)		2600	3500	5000	7260	12000
Rated heat production (W)		2880	3900	5700	8100	12500
Input power (P number)		1P	1.5P	2P	3P	5P
Refrigeration input power/current (W/A)		742/3.3	1015/4.6	1432/6.5	2200/10	3850/7.5
Heating input power/current (W/A)		798/3.6	1190/5.4	1690/7.6	2600/11.8	3800/7.5
Applicable area (m ²)		10~12	13~16	22~27	27~34	50~80
Noisc level(dB)	indoor	34.8/38.8	36.8/40.8	40/45	48	52
	outdoor	49	50	53	56	60
Dimensions (mm)	indoor unit	265x790x170	275x845x180	298x940x200	326x1178x253	581x1780x395
	outdoor unit	540x848x320	596x899x378	700x955x396	790x980x440	1032x1250x412
	control cabinet	300x500x190	300x500x190	300x500x190	300x500x190	250x380x165
Weight(kg)	indoor unit	12	10	13	18	63
	outdoor unit	11	41	54	68	112
	control cabinet	10	10	10	10	7
Connecting tube length		4	4	4	4	4
Ex-mark		Ex db eb ib mb II B T4 Gb Ex db eb ib mb II C T4 Gb				
Maximum diameter of the lead-in cable		Φ10~Φ14mm			Φ15~Φ23mm	

Treatment Scheme

Split type explosion-proof air conditioning treatment:

1. Wall type explosion-proof air conditioner and floor type explosion-proof air conditioner are mainly explosion-proof treatment of outdoor units and indoor units respectively on the basis of ordinary air conditioners, as follows:

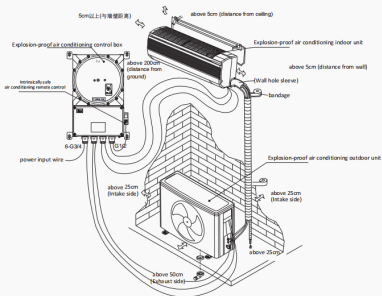
(1) Outdoor unit: mainly the use of special process treatment methods and manufacturing methods for internal electrical control parts, compressors, outdoor fans, protection systems, cooling systems, refrigeration systems for explosion-proof treatment, its dimensions and ordinary hanging air conditioning outside the size of the same, the installation method is also the same as the ordinary hanging air conditioning outside the unit.

(2) Indoor unit: mainly the use of special process treatment methods and manufacturing methods to decompose the internal electrical control part, re-explosion-proof design, manufacturing treatment, to form an independent

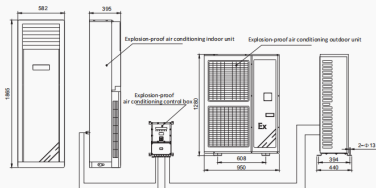
Explosion-proof control box, and to achieve manual control function, the hanging machine size is the same as the general hanging machine size, the installation method is the same. However, the explosion-proof indoor unit has added a pendant mounted explosion-proof control box, whose dimensions are shown in the figure.

2. A variety of explosion-proof forms are adopted outside the explosion-proof indoor unit and outdoor unit, and the weak current control part adopts the intrinsic safety explosion-proof circuit.

Outline and installation examples



BK(R) series Explosion-proof wall-mounted type air conditioning



BK(L) series Explosion-proof standing type air conditioning