

# HAZARDOUS AREA PRODUCT NEWS

**inatex.**  
YOUR ASSET. OUR PROTECTION.

## Volume 1 - AIR CONDITIONING

### COMFORTABLE COMPLIANCE

*Inatex solves the compliance dilemma with Warom's range of hazardous area air conditioners. Now you can keep your people comfortable and safe, and store hazardous materials in climate controlled spaces.*

*With models suitable for Zone 1 and Zone 2, and with IIB or IIC protection, there's a Warom product for most hazardous environments.*



BKF(R) IIB Split System

### THE DILEMMA OF COMPLIANCE

Hazardous Areas can be found in any number of environments; from oil refineries to LNG plants, drilling rigs to gas stations, paint stores to hospitals. Whilst it's usually best practice to keep site offices, laboratories, control cabins and the like out of classified hazardous areas, it's not always practical or convenient to do so.

The need to place a workplace in a hazardous area has sometimes lead to a compliance dilemma; either risk people's health and safety by directing them to work in an uncomfortably hot or cold environment, or risk their health and safety by installing a non-compliant or 'less than' compliant air conditioner.

#### Want to Solve the Compliance Dilemma?

Now you can! Warom produces a range of air conditioners suitable for installation in site offices, engineering huts, laboratories, dog houses and control cabins. In fact, anywhere hazardous areas and a need for climate control coincide, Inatex has an air conditioner to suit.

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*"I've been looking for a product like this for ages"*

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This is something we hear from our clients on a regular basis! Hazardous area air conditioning has typically been difficult to find, limited in its protection level, or lacking appropriate certification. Warom has now produced several models with outputs from 18,000 BTU to 40,000 BTU in cooling only or cooling and heating configurations, suitable for Zone 1 and Zone 2 environments. All models are certified to IECEx and ATEX requirements. Take a look at our website [www.inatex.com](http://www.inatex.com) for all the details or to download a datasheet.

### BKC WINDOW TYPE SYSTEMS

The BKC Series Window Type air conditioner is available in two cooling-only configurations for use in Zone 2 environments.

Protection:	Ex II 3 G Ex d nC IIB T4 Gc
Cooling capacity:	5,400W / 18,000BTU or 7,000W / 24,000 BTU
Rated Voltage:	220-240V 50Hz
Rated Current:	12.8A (5,400W) or 17.4A (7,000W)
Certification:	IECEx CQM 11.0021X, LCIE ATEX 1002X



*BKF(R) IIC Split System*



*BKG(R) Tank System*



*BKC Window Type System*

## BKF(R) SPLIT TYPE SYSTEMS

The BKF(R) Split Systems consist of an outdoor compressor unit, a control station and a wall mounted indoor fan motor unit. The outdoor units and frames can be made in stainless steel on request for longevity in harsh or marine environments.

### IIB Model

Protection: Ex d nC IIB 146°C (Outdoor Unit)  
 Ex d [ib] IIB T4 (Indoor Unit)  
 Ex nC d [ib] ib IIB 146°C (Whole Unit)

Certification: IECEX CQM 08.0017X

Protection (Outdoor): BYS Compressor  $\text{Ex}$  II 3 G Ex nC II 146°C (T3)  
 BZC Control Stn.  $\text{Ex}$  II 3 G Ex d IIB  
 BDJ-W Fan Unit  $\text{Ex}$  II 3 G Ex d IIB

Protection (Indoor): BDJ-N Fan Motor  $\text{Ex}$  II 2 G Ex d IIB T4  
 BXC Control Stn.  $\text{Ex}$  II 2 G Ex d [ib] ib IIB T4

Certification: LCIE 08 ATEX 6031X  
 Cooling Capacity: 5275W / 18,000BTU or 6448 / 24,000BTU (both models)  
 Heating Capacity: 5600W or 6600W (BKFR models only)  
 Rated Voltage: 220-240V 50Hz

### IIC Model

Protection (Gas): Ex d e ib mb px IIC T4 Gb  
 Protection (Dust): Ex ibD tb pD IIIC T130°C Db IP66  
 Certification: IECEX CQM 14.0001X

Protection (Gas):  $\text{Ex}$  II 2 G Ex d e ib mb px IIC T4 Gb  
 Protection (Dust):  $\text{Ex}$  II 2 D Ex ib tb pD IIIC T130°C Db IP66  
 Certification: EUT 14 ATEX 1235  
 Cooling Capacity: 5275W / 18,000BTU or 6448 / 24,000BTU (both models)  
 Heating Capacity: 5600W or 6600W (BKFR models only)  
 Rated Voltage: 220-240V 50Hz

## BKG(R) TANK TYPE SYSTEMS

The BKG(R) Tank type systems are suited to larger areas with cooling capacities available up to 40,000BTU. IECEX and ATEX certification for these units has been applied for and is currently pending. Call us for more information on the certification progress if you are interested in these systems.

Protection:  $\text{Ex}$  II 3 (2) G Ex d e ib [ib Gb] nC IIB T4 Gc  
 $\text{Ex}$  II 3 (2) G Ex d e ib [ib Gb] nC IIC T4 Gc

Cooling Capacity: 7300W / 24,000BTU or 12,200 / 40,000BTU (both models)  
 Heating Capacity: 7800W or 14,500W (BKGR models only)