Keeping Industry Safe for the World

Safe AIR Technology

Explosion Proof Division 1 Hazardous Location Room Air Conditioners

HazardKing® - HK-XPC Series Div. 1

HK-XPC - 50 & 60 Hz.

HK-XPC series Window or THRU-Wall A/C Units are Fully Tested for Operational Performance and Compliance. Units Are Manufactured to Code and **N.E.C. Rated and Approved for Explosion Proof Locations.**

Standard Features

- All Electrical Components are ***UL Approved***
- ***316 Stainless Steel Housing Standard Design***
- Explosion Proof Built-In Operational Controls
- Controls Accessed for Fast and Easy Maintenance
- Service Ports Installed for Easy Maintenance and Serviceability
- Non Sparking Blower and Condenser Designs
- ***N.E.C. Approved Overload Protection***
- Aluminum Fin and Copper Tube Coils for Maximum Heat Transfer
- Main Power Connection Port
- ***N.E.C. "Certificate of Conformance" Issued***
- Operation, Maintenance & Installation Manuals Included

N.E.C. Rated and Approved

Safe Air Technology

Offering The Keys to Success: Quality, Pricing and On Time Delivery

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R1-0405

System Description

Safe Air Technology **HK-XPC** series Units are fully tested for operational performance and compliance to ensure customer satisfaction. Our units are designed to provide cooling for Industrial severe duty applications, our quality of engineering and manufacturing will ensure many years of reliable service.

Please contact our sales engineering departments should you have any questions. We look forward to working with you and serving your needs for all of your HVAC/R Projects.

Safe Air Technology, providing ***NEC*** **"Certificates of Conformance"** showing compliance with N.E.C. codes. If requested SAT will provide an engineering submittal package for approval prior to manufacturing.

System Applications

- Industrial Refineries
- Chemical Plants
- Offshore Platforms
- Gas Plants and Pipelines
- Fuel Transfer Docks and Pumping Stations
- Analyzer Buildings
- MCC Rooms
- Control Rooms

Available Options

- **-HCC** Heresite Coated Coils and Copper Tubing for Corrosion Protection
- **-ADC** ADSIL Coated Coils and Copper Tubing for Corrosion Protection
- **-ADA** ADSIL Coated Unit, Coils, Tubing Including All Metal Parts and Housing for Corrosion Protection
- **-SH** 316 Stainless Steel Housing (Standard on all HK Units)
- **-SVI** Service Ports Installed for Easy Maintenance and Servicing (Standard on all HK Units)
- **-RMC** Remote Controls Explosion Proof Design
- **-HG** Hot Gas by Pass Installed
- **-FAL** Low Volume Fresh Air Intake
- **-CRT** Export Crate for Sea or Air Shipping
- **-CPCP** Copper Tube and Copper Fin Coils

NOTE:
If an option is required that is not listed, please contact our Sales Engineering Department. We will be happy to work with you to insure our system fully compiles with your specifications,

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SafeAIR Technology

Offering The Keys to Success: Quality, Pricing and On Time Delivery

HK Series [60 Hz.]

N.E.C. Rated and Approved

Class I, Groups C & D, Division 1

(Optional NEC Codes Available) Class II, Groups F & G, Division 1 Available on Request

Model (1) 60 Hertz	BTU/HR Cooling	Power Supply Volts / Ph / Hz.	Cooling Amps	Wire Size (2)	Fuse Size (3)	Air Flow CFM	Housing Size
HK-XPC-8200-1-ICD1-***	8,200	115 / 1 / 60	**6.7**	**12**	**15**	310	**A**
HK-XPC-10000-1-ICD1-***	10,000	115 / 1 / 60	**8.3**	**12**	**15**	300	**A**
HK-XPC-11500-1-ICD1-***	11,500	115 / 1 / 60	**9.4**	**12**	**15**	360	**A**
HK-XPC-11750-1-ICD1-***	11,750	115 / 1 / 60	**9.8**	**12**	**15**	350	**A**
HK-XPC-12000-2-ICD1-***	12,000 / 12,000	230-208 / 1 / 60	7.6 / 7.0	12	15	325	**A**
HK-XPC-14000-1-ICD1-***	14,000	115 / 1 / 60	**12.0**	**12**	**20**	377	**A**
HK-XPC-14500-1-ICD1-***	14,500	115 / 1 / 60	**12.0**	**12**	**20**	377	**A**
HK-XPC-16300-2-ICD1-***	16,300 / 16,000	230-208 / 1 / 60	**7.5 / 8.0**	**12**	**15**	377	**A**
HK-XPC-18000-2-ICD1-***	18,000 / 17,700	230-208 / 1 / 60	**8.3 / 9.2**	**12**	**20**	500	**B**
HK-XPC-23200-2-ICD1-***	23,200 / 23,000	230-208 / 1 / 60	**11.1 / 12.2**	**12**	**20**	590	**B**
HK-XPC-24600-2-ICD1-***	24,600 / 24,400	230-208 / 1 / 60	**11.5 / 12.6**	**12**	**20**	625	**C**
HK-XPC-28000-2-ICD1-***	28,000 / 27,700	230-208 / 1 / 60	**13.0 / 14.2**	**10**	**30**	650	**C**
HK-XPC-36000-2-ICD1-***	36,000 / 35,700	230-208 / 1 / 60	**18.0 / 19.6**	**10**	**30**	800	**C**

Notes:

(1) See **HK-XPC** Nomenclature for Unit ID (Page 5)
(2) THHN 75°C Copper Wire
(3) Delay Fuse or Approved Circuit Breaker
(*)** Options that can be added.

Contact our Sales Department should your specifications require a variation on our standard units.

INPORTANT NOTICE

T Codes:
It is important to know the auto ignition temperature of the Gas or Vapor the unit will be operating in or around. The Gas or Vapor temperature should be above the rating of the equipment.

HK-XPC Series **Cabinet Measurements**

Housing	Height	Width	Depth With Front	Depth Hood to Louvers	Minimum Extension Into Room	Minimum Extension Outside	INPORTANT
A	**28**	**25-15/16**	**27-3/8**	**8-3/4**	**3-1/16**	**16-15/16**	Add 1/4" to the Width and Height of the Housing for Wall Cut Out Size.
B	**30**	**25-15/16**	**27-3/8**	**8-3/4**	**3-1/16**	**16-15/16**	
C	**33**	**28**	**33-5/8**	**16-1/2**	**3-3/16**	**18-15/16**	

*** All Dimensions in Inches *** Unit dimensions subject to change. Please contact factory for information

HK Series [50 Hz.]

N.E.C. Rated and Approved

Class I, Groups B*, C & D, Division 2

(Optional NEC Codes Available) Class II, Groups F & G, Division 1 Available

Model (1) 50 Hertz	BTU/HR Cooling	Power Supply Volts / Ph / Hz.	Cooling Amps	Wire Size (2)	Fuse Size (3)	Air Flow CFM	Housing Size
HK-XPC-1200-2(50)-ICD1-***	**12,000**	220-240 / 1 / 50	**5.0**	12	15	320	**A**
HK-XPC-15000-2(50)-ICD1-***	**15,000**	220-240 / 1 / 50	**9.9**	12	15	400	**A**
HK-XPC-18000-2(50)-ICD1-***	**18,000**	220-240 / 1 / 50	**10.2**	12	15	450	**C**
HK-XPC-24000-2(50)-ICD1-***	**24,000**	220-240 / 1 / 50	**13.0**	12	25	540	**C**

Notes:

(1) See **HK-XPC** Nomenclature for Unit ID (Page 5)
(2) THHN 75°C Copper Wire
(3) Delay Fuse or Approved Circuit Breaker
(*)** Options that can be added.

Contact our Sales Department should your specifications require a variation on our standard units.

INPORTANT NOTICE

T Codes:

It is important to know the auto ignition temperature of the Gas or Vapor the unit will be operating in or around. The Gas or Vapor temperature should be above the rating of the equipment.

HK-XPC Series Cabinet Measurements

Housing	Height	Width	Depth With Front	Depth Hood to Louvers	Minimum Extension Into Room	Minimum Extension Outside
A	28	25-15/16	27-3/8	8-3/4	3-1/16	16-15/16
C	33	25-15/16	27-3/8	8-3/4	3-1/16	16-15/16

INPORTANT

Add 1/4" to the Width and Height of the Housing for Wall Cut Out Size.

*** All Dimensions in Inches *** Unit dimensions subject to change. Please contact factory for information

HazardKing®

HK - XPC - 5000 - * - *** -***

HK-XPC, Designs

WC = Window or THRU-WALL Cool Only Division 2 Units

HK = Window or THRU-WALL Cool Only Division 1 Units

WHP = Window or THRU-WALL HeatPump Division 2 Units Only

SAT Engineering Use Only, all Models

Cooling Capacity

Example 1 x 5000(BTU/HR) = 5,000 BTU/HR

Power Supply

1 = 120 / 1 / 60 Hz.
2 = 208-230 / 1 / 60 Hz.
2(50) = 220-240 / 1 / 50 Hz.

N.E.C. National Electrical Code Classification

Class = I, **Groups** = C & D , **Division** = 1 or 2
Class = I, **Groups** = B, C & D , **Division** = 1 or 2
Class = II, **Groups** = E, F & G , **Division** = 1 and 2
Contact SAT Engineering for Details on N.E.C. Codes and Requirements

Options Listed at End of Model Number

-HCC = Heresite Coated Coils and All Copper Lines
-ADC = Adsil Coated Coils and All Copper Lines
-ADA = Adsil Coated Coils Plus All Metal Parts and Housing Coated for Protection
-SH = 316 Stainless Steel Housing
-SVI = Service Ports Installed
-RMC= Remote Controls
-HG = Hot Gas By Pass Valve Installed
-CRT = Export Sea or Air Crate
-FAL = Low Volume Fresh Air Intake
-CPCP = Copper Tube Copper Fin Coils