

Keeping Industry Safe for the World

Safe Air Technology

Hazard King® -HKXP Series Division 1

Window/ Through-Wall Explosion Proof Div. 1 / Zone 1 Air Conditioning Units
N.E.C. and I.E.C. Approved for Explosion Proof Locations

50 and 60 Hertz Models



Standard Features

- All Electrical Components are UL and / or CSA Approved
- 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



Offering The Keys to Success:

Quality
Pricing
On Time Delivery

225.303.0007
sales@explosionproof.net

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www.explosionproof.net

4133 Evan Brooks Drive
Baton Rouge, Louisiana 70814

System Description

Safe Air Technology Hazard King® HKXP Series: Thru-Wall/ Window Units are designed to provide cooling for industrial, severe duty, and marine **Class 1, Division 1 / Zone 1** applications. Our **Hazard King® HKXP** product line has been carefully engineered and manufactured to ensure a quality product that will provide many years of reliable service.

Safe Air Technology will provide **NEC / IEC "Certificates of Conformance"** for each **Hazard King® HKXP** unit to show compliance with National Electric Code Articles 500-515 guidelines for explosion proof equipment in hazardous locations.

Please contact our Sales department at sales@explosionproof.net or by phone at **225.303.0007** with any questions that you may have. We look forward to working with you and serving your HVAC/R needs.

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

-ADC	Adsil Coated Coils and All Copper Lines for Corrosion Protection
-B	Group B Classification
-CC	Copper Tube and Copper Fin Coils
-CRT	Export Crate for Sea/Air Shipping
-DSI	Disconnect Switch Installed
-HCC	Heresite Coated Coils
-HL	High and Low Pressure Safety Switches Installed
-MOD	Custom Modification (Consult Sales Dept.)
-SVI	Service Port Installed
-RT	Remote Thermostat
-RMT	Remote Control Box



Severe Duty Division 1 Explosion Proof Controls
Sealed from Corrosive Environments

NOTE:

If an option you require due to your specifications is not listed, please contact our Sales Engineering Department. We will be happy to assist in ensuring that your system fully complies with your specifications

HKXP-Series Hazard King® 60 Hz Systems

Model (1) 60 Hz	BTU/HR Cooling	Power Supply Volts/Ph/Hz	Cooling Amps	Wire Size (2)	Fuse Size (3)	Air Flow CFM	Housing Size
HKXP-7900-1-ICD1-***	7,900	115/1/60	10.0	12	20	265	S
HKXP-9500-1-ICD1-***	9,500	115/1/60	11.8	12	20	260	S
HKXP-12000-1-ICD1-***	12,000	115/1/60	14.4	12	20	300	S
HKXP-14000-1-ICD1-***	14,000	115/1/60	16.4	12	20	325	S
HKXP-14800-1-ICD1-***	14,800	115/1/60	16	12	20	360	M
HKXP-11500-2-ICD1-***	11,500/ 11,200	230-208/1/60	9.1/ 9.3	12	15	275	S
HKXP-14500-2-ICD1-***	14,500/ 14,300	230-208/1/60	10.7/ 11.2	12	15	360	S
HKXP-17500-2-ICD1-***	17,500/ 17,300	230-208/1/60	11.7/ 12.4	12	15	350	M
HKXP-20800-2-ICD1-***	20,800/ 20,700	230-208/1/60	13.7/ 14.7	12	15	425	M
HKXP-24000-2-ICD1-***	23,500/ 23,300	230-208/1/60	15.9/ 16.6	12	20	640	M
HKXP-27800-2-ICD1-***	27,800/ 27,000	230-208/1/60	17.8/ 18.8	12	20	600	L
HKXP-36000-2-ICD1-***	36,000/ 35,700	230-208/1/60	23.3/ 24.9	10	30	725	L

HKXP-Series Hazard King® 50 Hz Systems

Model (1) 60 Hz	BTU/HR Cooling	Power Supply Volts/Ph/Hz	Cooling Amps	Wire Size (2)	Fuse Size (3)	Air Flow CFM	Housing Size
HKXP-12000-2(50)-ICD1-***	12,000	220-240/1/50	12.2	12	15	283	A
HKXP-18000-2(50)-ICD1-***	18,000	220-240/1/50	19.6	12	20	547	C
HKXP-24000-2(50)-ICD1-***	24,000	220-240/1/50	19.6	12	20	547	C

NOTES:

- (1) See HKXP® Nomenclature for Unit ID (Pg. 5)
- (2) THHN 75°C Copper Wire
- (3) Delay Fuse or Approved Circuit Breaker
- (**) Options that can be added. See Page 2 (*** NEC Group "B" Available Upon Request**)

IMPORTANT NOTICE:

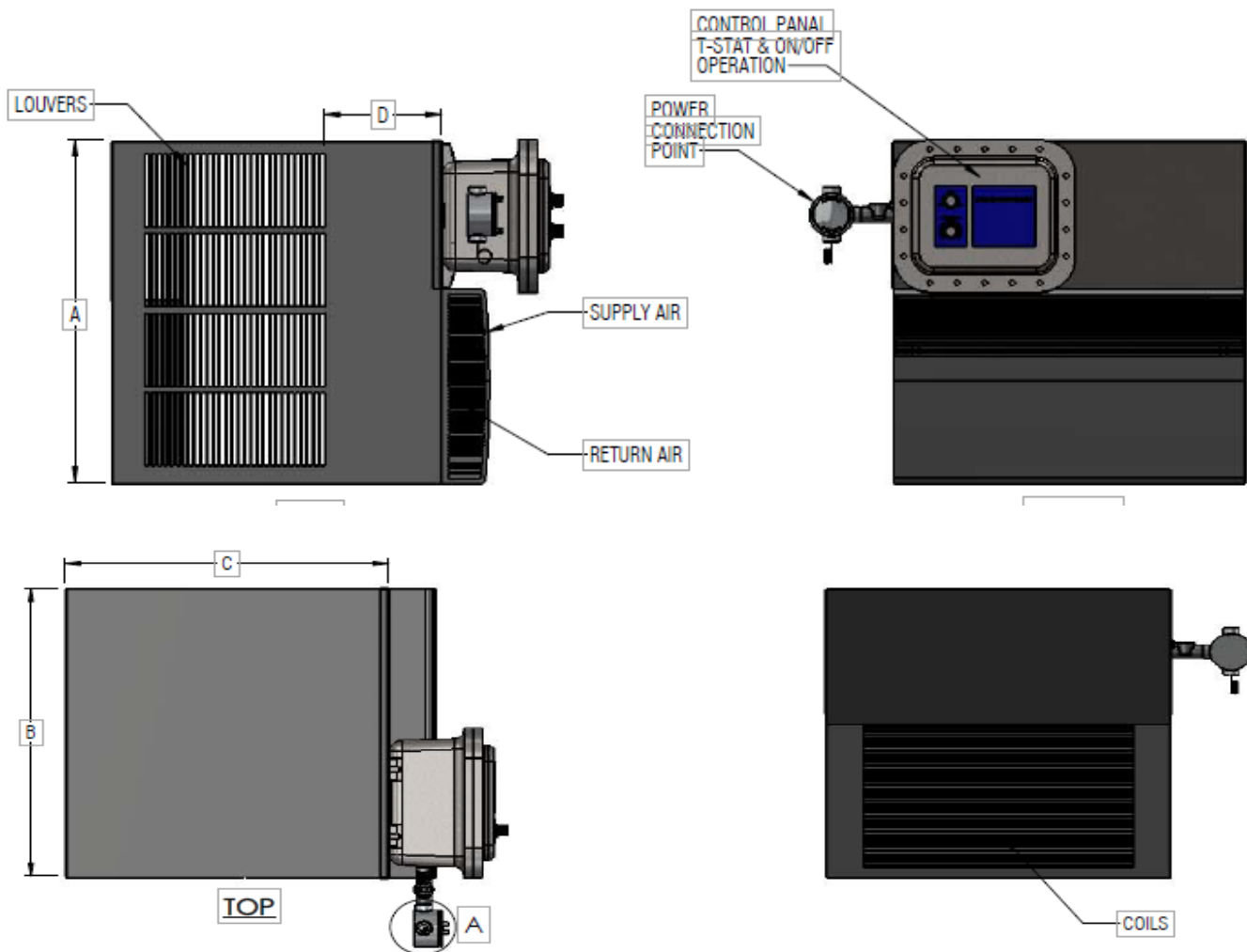
T Codes: It is important to know the auto ignition temperature of the gas or vapor the unit will be operating in or around. The gas or vapor temperature must be above the rating of the equipment.

HKXP-Series Hazard King® 60 Hz Cabinet Measurements

Housing	Height	Width	Depth With Front	Depth Hood to Louvers	Minimum Extension into Room	Minimum Extension Outside
S	28-1/8	25-15/16	29	8-3/4	5-3/4	16-15/16
M	30-1/8	25-15/16	29	8-3/4	5-3/4	16-15/16
L	32-3/8	28	35-1/2	16-1/2	5-3/8	18-15/16

Note:

Add 1/4" to the Height and Width of the Housing for the Wall Cutout Size

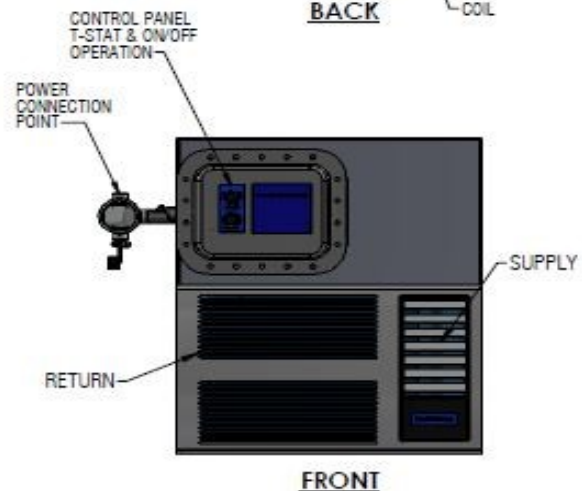
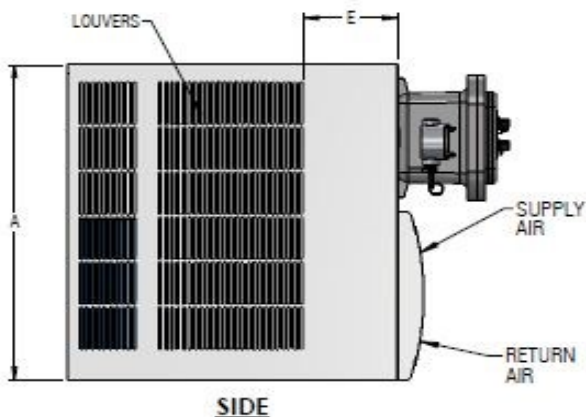
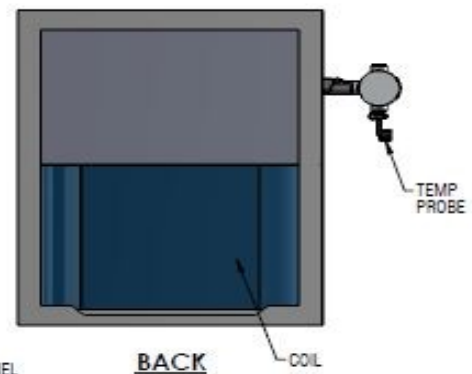
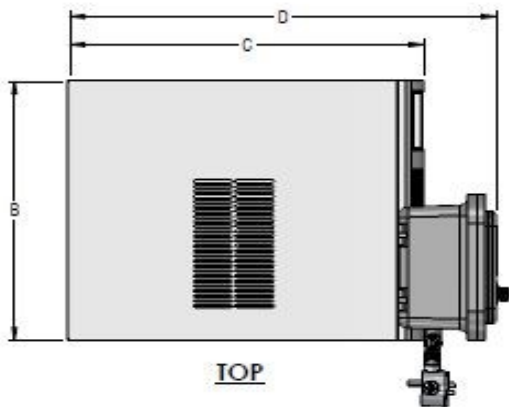


HKXP-Series Hazard King® 50 Hz Cabinet Measurements

Housing	Height	Width	Depth With Front	Depth Hood to Louvers	Minimum Extension into Room	Minimum Extension Outside
A	28	22-15/16	25-3/8	8-3/4	3-1/16	16-15/16
C	33	25-15/16	28-3/8	8-3/4	3-1/16	16-15/16

Note:

Add 1/4" to the Height and Width of the Housing for the Wall Cutout Size



HKXP Shipping Weights and Dimensions

60 Hertz Units

Model 60 Hz	Packaging Code
HKXP-7900-1-ICD1-***	B
HKXP-9500-1-ICD1-***	B
HKXP-12000-1-ICD1-***	B
HKXP-14000-1-ICD1-***	B
HKXP-14800-1-ICD1-***	C
HKXP-11500-2-ICD1-***	B
HKXP-14500-2-ICD1-***	B
HKXP-17500-2-ICD1-***	C
HKXP-20800-2-ICD1-***	C
HKXP-24000-2-ICD1-***	C
HKXP-27800-2-ICD1-***	D
HKXP-36000-2-ICD1-***	D

50 Hertz Units

Model 50 Hz	Packaging Code
HKXP-12000-2(50)-ICD1-***	B
HKXP-18000-2(50)-ICD1-***	C
HKXP-24000-2(50)-ICD1-***	C



Standard Packaging



Single and Double Export Crate

HKXP Packaging Information

Packaging Code	Standard Packaging Data				Single Crate Data			
	Length	Width	Height	Weight	Length	Width	Height	Weight
B	48"	40"	44"	350 LBS	46"	36"	48"	525 LBS
C	48"	40"	46"	380 LBS	46"	36"	48"	555 LBS
D	48"	40"	48"	450 LBS	46"	36"	48"	655 LBS

HKXP-Series Hazard King® Nomenclature Guide

HKXP - 14800 - 1 - ICD2 - ***

HazardKing® Design

HKXP= Division 1 Window or Through Wall Cool Only Unit

Cooling Capacity

Example: 14800 BTU/HR

Power Supply

1 = 120/1/60 Hz

2 = 208-230/1/60 Hz

2(50) = 220-240/1/50 Hz

Classification

N.E.C. National Electric Code Classification

ICD2= Class I, Groups C & D, Division 1

IBCD2= Class I, Groups B, C, & D, Division 1

I.E.C. International Electric Code Classification

IIA & IIB = Zone 1, T-3, II

Unit Options

-ADC = Adsil Coated Coils

-B = Group B Classification

-CC = Copper/Copper Coils Installed

-CRT = Export Crate Sea or Air

-DSI = Disconnect Switch Installed

-HCC = Heresite Coated Coils

-HL = High and Low Pressure Switch Installed

-MOD = Custom Modification (See Sales)

-RT = Remote Thermostat

-RMT = Remote Control Box



Safe Air Technology Office Locations

Safe Air Technology specializes in the engineering and manufacturing of Explosion Proof, Corrosion Resistant, and Severe Duty HVAC/R systems and Pressurization Equipment. Our explosion proof, severe duty systems are designed to offer a safe solution at a competitive price, while also maintaining the highest level of quality in both our systems and services.

Safe Air Technology is headquartered in Baton Rouge, Louisiana, allowing us to easily serve many of our petrochemical, oil and gas, and industrial clients. To better serve our clients around the world, **Safe Air Technology** has established international offices in both the Middle East and Asia. As a result, **Safe Air Technology** has had the opportunity to build and design HVAC/R systems for clients in over 40 countries.

At **Safe Air Technology**, we understand that our clients' HVAC/R needs are continuously adapting and changing. By forging a relationship with you, we can be better equipped to understand and meet your specific needs as they arise.

Contact **Safe Air Technology** and let us help to keep industry safe for your world.



Safe Air Technology
United States



Safe Air Technology
U.A.E.



Safe Air Technology
Singapore

