Keeping Industry Safe for the World

Safe AIR Technology

RTXP1 Series - Division 1 / Zone 1

Explosion Proof Hazardous Location Roof Top A/C Unit

N.E.C and I.E.C. Approved for Explosion Proof Locations

50& 60 Hertz Models | **15,000 BTU/Hr** | **Exterior: Class 1, Div 1 / Interior: General Purpose**

RT1XP1 Series is N.R.T.L. 3rd Party Certified by CSA International for Use in Division 1 Hazardous Locations

Standard Features

- All Electrical Components are ***UL and / or CSA Approved***
- 316 Stainless Steel Housing
- Adsil Coated Evaporator and Condenser Coil
- Heresite Coated Copper Lines
- Aluminum Fin Copper Tube Coils Installed for Maximum Heat Transfer
- Severe Duty Division 1 Condenser Fan Motor
- Explosion Proof Overload Protection on Motors and Compressors
- Non Sparking Condenser Fan Blade
- Refrigeration Service Ports Installed
- Refrigeration Safety Switches Installed
- Ceiling Assembly Included with Supply and Return Grills
- Fin Tubular Heating Element Included
- High Efficiency Foam Insulation in Evaporator Section
- Operational Controls mounted in Ceiling Assembly
- Easily Accessible Design for Maintenance
- Operation, Maintenance, & Installation Manuals Included

Offering The Keys to Success:

Quality

Pricing

On Time Delivery

225.303.0007
sales@explosionproof.net

www.explosionproof.net

4133 Evan Brooks Drive
Baton Rouge, Louisiana 70814

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System Description

Safe Air Technology RTXP1 Series: Roof Top Units are designed to provide Cooling and Heating for the demanding needs of today's Severe Duty Applications. Safe Air Technology's ***RTXP1*** Series systems are CSA Third Party Certified for use in Hazardous Location. Safe Air Technology's units are fully tested for operational performance and NEC compliance to ensure customer satisfaction and many years of reliable service.

Safe Air Technology will provide ***NEC / IEC "Certificates of Conformance"*** for each ***RTXP1*** 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 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
-HG	Hot Gas Bypass Valve Installed
-HL	High and Low Pressure Switch Installed
-MOD	Custom Modification
-RT	Remote Thermostat
-SH6	316 Stainless Steel Housing

-MG1	Marine Grade Coating Option 1—Coils and Copper Coated for Corrosion Protection
-MG2	Marine Grade Coating Option 2—Coils, Copper, and Sheet Metal Coated for Corrosion
-RMT	Remote Control Box

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

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System Design and Specifications

Model Number:	BTU/HR Cooling	Power Supply Volts/Ph/Hz	Condenser Certification	Max Circuit Breaker Amp	Refrigerant Type	Air Flow CFM
RTXP1-15000-1-EH(GPC)-CND/ICD1-SH6-ADC	15,000	110-120/1/60	CSA-CLASS I, Groups C&D, Division 1, T-3 ZONE 1, IIA IIB, T-3	30	R-410	320

Compressor Specifications			Condenser Specifications			Evaporator Specifications			Heater Specifications
TYPE	FLA	QTY	MOTOR TYPE	FLA	QTY	MOTOR TYPE	FLA	FAN MOTOR HP/ RPM/FLA	FAN MOTOR HP/RPM/ FLA
ROTOR	12.9	1	Division 1	8.8	1	Direct Drive	1	.33/1650/3.4	.33/1650/3.4

NOTES:

(1) See RTXP1 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.

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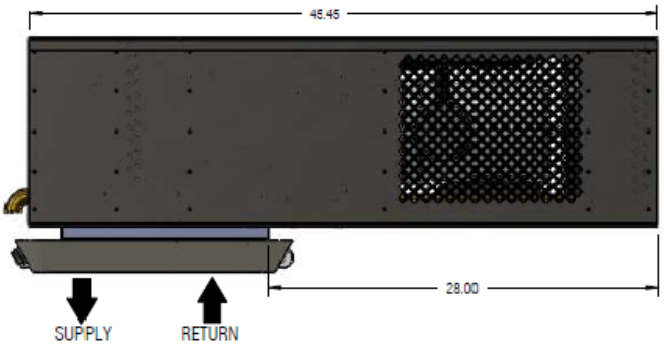
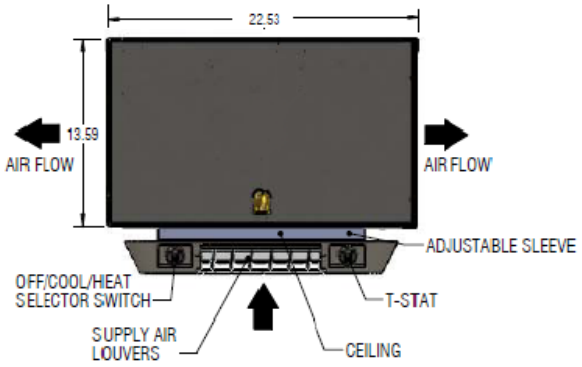
Housing Measurements

Height (Inches)	Length (Inches)	Width (Inches)
13-1/2	45-1/2	22-1/2





RTXP1 Packaging Information

60 Hertz Units

Model 60 Hz	Packaging Code
RTXP1-15000-1-EH(GPC)-	A

	Standard Packaging Data				Single Crate Data				Double Crate Data			
Packaging Code	Length	Width	Height	Weight	Length	Width	Height	Weight	Length	Width	Height	Weight
A	48”	40”	26”	150 LBS	46”	36”	40”	300 LBS	46”	36”	68”	500 LBS

Standard Packaging

Single and Double Export Crate

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RTXP1 Series Roof Top Unit Nomenclature Guide

RTXP1 – 15000 - 1 - EH - CND - ICD1 - **

Roof Top Design

RTXP1 = Division 1 Roof Top Unit

Cooling Capacity

15,000 = 15,000 BTU/HR

Power Supply

1= 110-120 V/ 1 Ph/ 60 Hz

Heating Options

EH= Electric Heat

Unit Explosion Proof Design

CND = Condenser Section Only Explosion Proof

Explosion Proof N.E.C Classification

Contact Our Sales Engineering Department for Classification Codes

ICD1 = Class I, Groups C&D, Division 1-T3

Unit Options

-ADC = ADSIL Coated Coils
-B = Group B Classification
-CC = Copper/Copper Coils
-CRT = Export Crate Included
-DSI = Disconnect Switch Installed
-HCC = Heresite Coated Coils
-HG = Hot Gas Bypass Valve Installed
-HL = High and Low Pressure Switch
-MOD = Custom Modification
-RT = Remote Thermostat
-SH6 = 316 Stainless Steel Housing
-MG1 = Marine Grade Coating 1—Condenser and Evaporator Coated
-MG2 = Marine Grade Coating 2—Coils and Sheet Metal Coated
-RMT = Remote Contrrol Box

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Safe AIR Technology

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

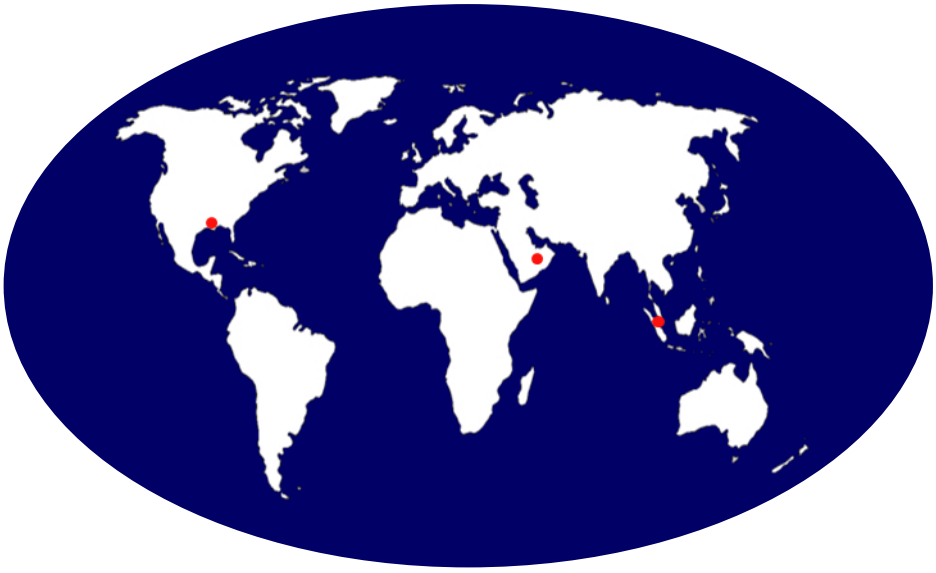
United States

Safe Air Technology

U.A.E.

Safe Air Technology

Singapore



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