



# Hazardgard® Hazardous Duty Room Air Conditioners

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

The ONLY room air conditioner that meets the United States National Electric Code, Article 500, requirements for Class I, Division 2, Groups A, B, C, and D Hazardous Locations.

## Features

- Direct wire connection
- Utilizes direct-wired, 15-amp circuit with time-delay fuse
- Hermetically sealed reciprocating compressor
- 20 gauge steel cabinet
- Larger, commercial grade fan motor with hermetically sealed overload for arc-free operation.
- Diamonblue Technology anti-corrosive treatment
- Permanent split capacitor and totally enclosed fan motor
- Enclosed fan motor has hermetically sealed overload for arc-free operation.
- Hermetically sealed refrigeration system.
- Environmentally sealed on/off switch and gold plated contacts in thermostat for corrosion resistance.
- Solid-state control relays for compressor and fan operation.
- Hot gas bypass allows the air conditioner to operate at low ambient conditions without freezing





## Hazardous Duty AIR CONDITIONERS

### Specifications

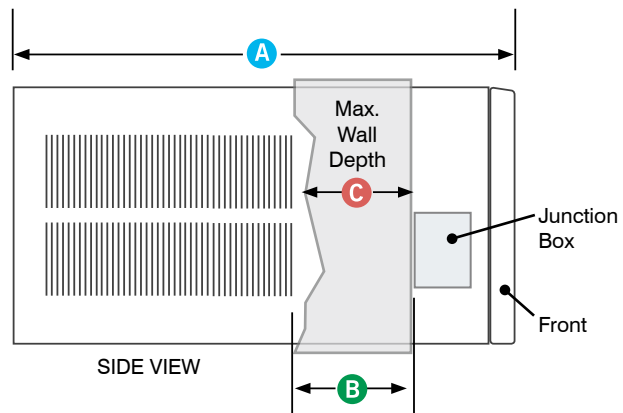
Model	Cooling Capacity (BTU/Hr.- AHAM)	Electrical Characteristics (60 Hertz)			Energy Efficiency Ratio AHAM	Moisture Removal	Air Direction Controls	Room Side Air Circulation
		Volts Rated	Amps AHAM	Watts	EER	(Pints/ Hr.)		CFM
SH15L30	15000/15000	230/208	7.9/8.7	1765/1765	8.5/8.5	4.0	8-way	375
SH20L30	19800/19500	230/208	10.0/10.9	2200/2167	9.0/9.0	5.7	8-way	375

### Installation Information

Model	Dimensions (Inches)						Window Width (Inches)		Thru-The-Wall Finished Hole (Inches)			Circuit Rating Breaker or T - D Fuse	Weight (Lbs.)	
	Height	Width	Depth Overall <b>A</b>	Depth J Box to Louvers <b>B</b>	Minimum Extension Into Room	Minimum Extension Outside	Min.	Max.	Height	Width	Max. Depth <b>C</b>	Volts - Amps	Net	Shipping
SH15L30	15 19/16	25 15/16	27 3/8	6	3 1/16	16 15/16	27 7/8	42	16 3/16	26 3/16	6	250V - 15A	140	152
SH20L30	17 15/16	25 15/16	27 3/8	6	3 1/16	16 15/16	27 7/8	42	18 3/16	26 3/16	6	250V - 15A	166	179

Due to continuing engineering research and technology, specifications are subject to change without notice. Manufactured under U.S. Design Patent DES 368, 306 decorative front; Utility Patent 5, 622, 058. MAXIMUM outdoor ambient operating temperature is 130°F. MAXIMUM TEMPERATURE RATING FOR CLASS I, DIVISION 2, GROUPS A,B,C,D.

OPERATING TEMPERATURE CODE T3B







**STANDARD ON ALL MODELS.**  
This advanced corrosion protection treatment protects the outdoor coil against deterioration and extends the life of the unit especially in harsh coastal environments.

