

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

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

Hazardgard® meets the United States National Electric Code, Article 500, requirements for Class 1, 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 relays for compressor and fan operation
- Hot gas bypass allows the air conditioner to operate at low ambient conditions without freezing

AiMadison
Appliance Authority™
800-570-3355



Hazardous Location Room Air Conditioners

Specifications

Model	Cooling Capacity (BTU/Hr. - AHAM)	Electrical Characteristics (60 Hertz)			Energy Efficiency Ratio AHAM EER	Moisture Removal (Pints/ Hr.)	Air Direction Controls	CFM
		Volts Rated	Amps AHAM	Watts				
SH15M30	14500/14000	230/208	6.9/7.4	1495/1443	9.7/9.7	6.0	8-way	375
SH20M30	19500/19000	230/208	9.1/10.0	2074/2021	9.4/9.4	4.0	8-way	375

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	Depth J Box to Louvers	Minimum Extension Into Room	Minimum Extension Outside	Min.	Max.	Height	Width	Max. Depth		
			A	B	C								
SH15M30	15 15/16	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	168/156
SH20M30	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	174/160

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



Diamond Blue Technology
 PROTECTS AGAINST CORROSION AND EXTENDS THE LIFE OF THE UNIT

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.

Sleeve Dimensions Drawing

