

AZ45E12DBM

GE Zoneline® Cooling and Electric Heat Unit with Makeup Air, 230/208 Volt

DIMENSIONS AND INSTALLATION INFORMATION (IN INCHES)

ELECTRICAL WIRING

All wiring, including installation of receptacle, must be made in accordance with local electrical codes and regulations.

NOTE: Aluminum wiring may pose special problems – consult a qualified electrician.

GRILLE OPTIONS

Stamped Aluminum Grille – RAG60
 Exterior Architectural Louvers Durable Polycarbonate:
 RAG61 (Beige) RAG63 (Dark Brown)
 RAG62 (Maple)
 Extruded Aluminum Architectural Grille – RAG67

RETROFIT KITS:

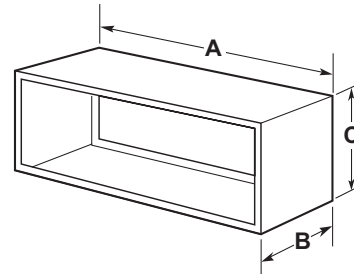
RAK40 – Deflector Kit to adapt chassis for use with existing (non-GE) exterior louvered grilles.

ELECTRICAL CONNECTION

230/208 volt units may be plugged into a receptacle. See Architects and Engineers Design Data Manual for electrical connection information including use of sub-base for direct connected units. Installation must comply with local electrical codes and regulations.

Power connection kits are required on all Zoneline chassis.

WALL CASE DIMENSIONS



RA B71B WALL SLEEVE

Heavy-gauge galvanized steel, with insulation.

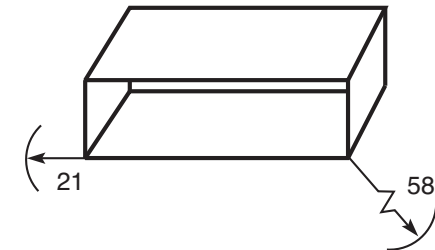
A – 42", B – 13-3/4", C – 16"

Also available in 16" and 24" depths

RA B77B WALL SLEEVE

Molded SMC fiberglass-reinforced polyester compound.

MAXIMUM CORD EXTENSION



A – 42-1/8", B – 13-7/8", C – 16-1/4"

WALL OPENING DIMENSIONS

Add 1/4" to A and C dimensions for all cut-outs.

RA B71B 16-1/4" Min. H x 42-1/4" Min. W

RA B77B 16-1/2" Min. H x 42-3/8" Min. W

AZ45/65 HEATER KW						
230/208 VOLT	LINE CORD (P), DIRECT (D) AND SUB-BASE CONNECTED UNITS					
	7K/9K			12K/15K		
Power	RAK315P	RAK320P	RAK330P	RAK315P	RAK320P	RAK330P
Connection Kit	RAK315D	RAK320D	RAK330D	RAK315D	RAK320D	RAK330D
	RAK204D15C	RAK204D20C	RAK204D30C	RAK204D15C	RAK204D20C	RAK204D30C
Total Watts	2410/1990	3420/2830	4830/3990	2430/2020	3450/2860	4860/4020
Heater Watts	2400/1960	3400/2780	4800/3930	2400/1960	3400/2780	4800/3930
Heater BTU	8100/6600	11600/9400	16300/13400	8100/6600	11600/9400	16300/13400
Total Amps	10.5/9.6	14.9/13.6	21.0/19.2	10.6/9.7	15.1/13.8	21.2/19.3
Min Circuit	15	20	30	15	20	30
Recommended Protective Device	15 amp time-delay fuse or breaker	20 amp time-delay fuse or breaker	30 amp time-delay fuse or breaker	15 amp time-delay fuse or breaker	20 amp time-delay fuse or breaker	30 amp time-delay fuse or breaker



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FEATURE AND BENEFITS

Product built to order, lead times may vary

Makeup air – Delivers 25-50 CFM of continuous makeup air whenever the room is occupied

Energy efficiency – When paired with occupancy sensing hardware, ventilation can be halted during vacancy

Dehumidification – Dehumidifies at a rate of 5-6 pints per 24 hours (based on CFM level)

Heat & Freeze Sentinels – Keeps the room from overheating or freezing

Electronic temperature limiting – Prevents expensive over-cooling or over-heating of the room

Electronic touch controls with LED display

May reduce the need for individually ducted rooftop systems

Because makeup air increases room BTU load requirements and requires additional PTAC cooling or heating, the building's electrical needs may be impacted

Makeup air models are not recommended for installation within two miles of coastal areas

It is strongly recommended to install makeup air with wall thermostats

SMC base pan

Simplified structure – Easy to maintain and service

