# AZ9VH12DBM

GE Zoneline Heat Pump, Single Package
Vertical Air Conditioner, 230-208 Volt

Features
Inverter Driven, Variable Speed Compressor
Adjustable Speed Make Up Air
Ultra-Low Heat Pump Operation (Down to 0 deg F)
Streamlined Installation with Insta-Platform™ (sold separately)
Self-Contained Drainage
Fast-Connect Plumbing
Quick Install Plenum (sold separately)
Self-Aligning, Lock in Place System
Onboard Diagnostics
Rustproof Bulkhead and Base Pan
Ultra-Quiet
Smart HQ Wi-Fi (Optional)

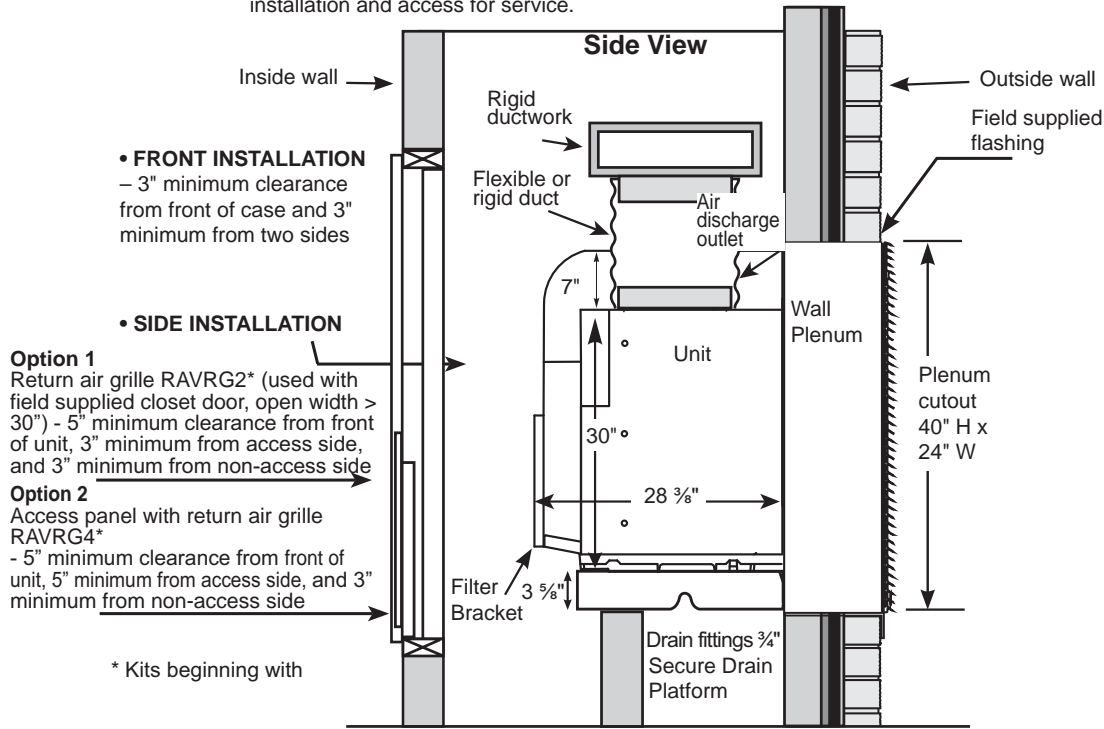| Warranty	
Parts Warranty	Limited 5-year
Labor Warranty	Limited 1-year entire appliance Limited 5-year sealed system
Warranty Notes	See written warranty for full details

36 ⅞"

28 ⅜"

23 ⅝"
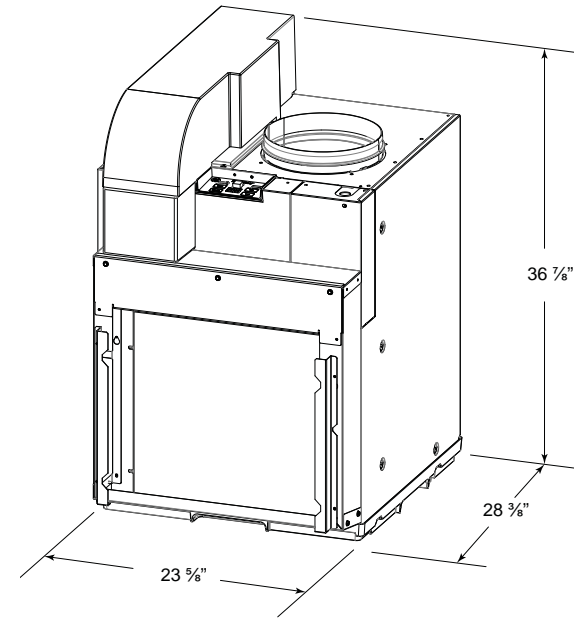
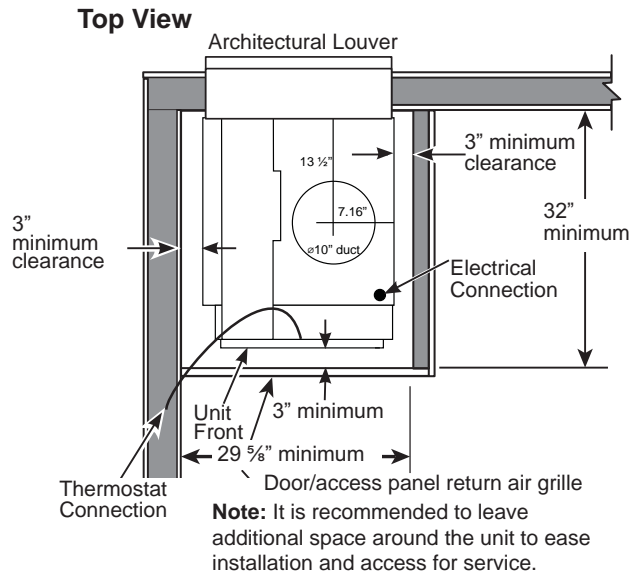| Performance Data at 230V	
Nominal Cool Capacity:	11,700 BTU
Cooling Capacity Range @95F:	5,200 -16,200 BTU
EER2:	11.6
SEER2:	15.5
Nominal Heating Capacity:	10,800 BTU
Heat Pump Capacity Range @47F:	4,500 - 13,000 BTU
COP@47F:	3.4
HSPF2:	6.5
Make Up Air CFM Range:	30-70 (no filter), 25-70 (with MERV13 Filter Kit)

POWER CONNECTION REQUIREMENTS (RESISTANCE HEAT)

230-208 VOLT	12,000 BTUh		
POWER CONNECTION KIT	RAK315D	RAK320D	RAK330D
Heater BTUh	8,360 / 6,838	11,770 / 9,629	17,060 / 13,952
Total Watts	2,568 / 2,122	3,568 / 2,940	5,118 / 4,207
Heater Watts	2,450 / 2,004	3,450 / 2,822	5,000 / 4,089
Total Heating Amps	10.7 / 9.6	15 / 13.6	21.7 / 19.7
MCA	15	20	30
Recommend Protective Device (MOCP)	15 amp time delay fuse or breaker	20 amp time delay fuse or breaker	30 amp time delay fuse or breaker

GE APPLIANCES

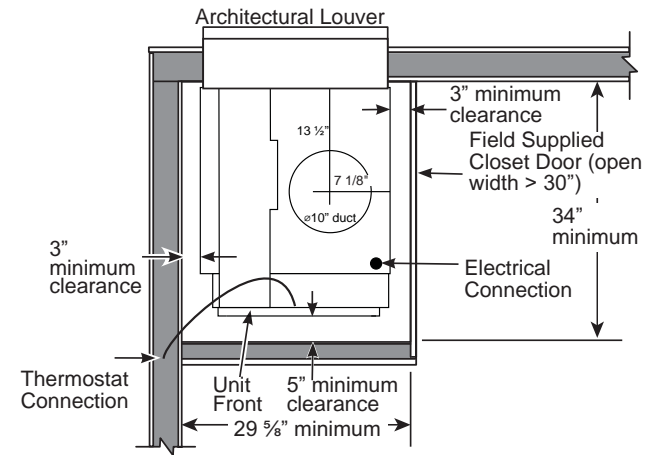Note: It is recommended to leave additional space around the unit to ease installation and access for service.

Side View

Inside wall →

Rigid ductwork

Flexible or rigid duct

Air discharge outlet

Outside wall

Field supplied flashing

7"

Unit

Wall Plenum

30"

Plenum cutout 40" H x 24" W

28 ⅜"

Filter Bracket

3 ⅝"

Drain fittings ¾" Secure Drain Platform

• **FRONT INSTALLATION**
– 3" minimum clearance from front of case and 3" minimum from two sides

• **SIDE INSTALLATION**

Option 1
Return air grille RAVRG2* (used with field supplied closet door, open width > 30") - 5" minimum clearance from front of unit, 3" minimum from access side, and 3" minimum from non-access side

Option 2
Access panel with return air grille RAVRG4*
- 5" minimum clearance from front of unit, 5" minimum from access side, and 3" minimum from non-access side

* Kits beginning with

FRONT INSTALL

Top View

Architectural Louver

13 ½"

7.16"
⌀10" duct

3" minimum clearance

32" minimum

Electrical Connection

3" minimum clearance

Thermostat Connection

Unit Front

3" minimum

29 ⅝" minimum

Door/access panel return air grille

Note: It is recommended to leave additional space around the unit to ease installation and access for service.
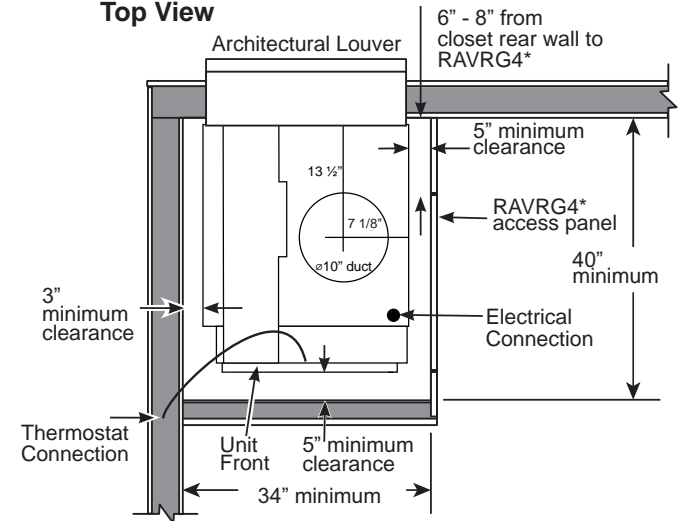
SIDE INSTALL Option 1
(RAVRG2* in Door or closet wall)

Top View

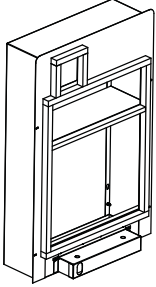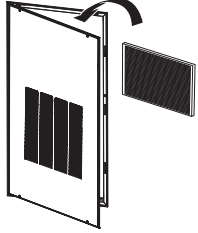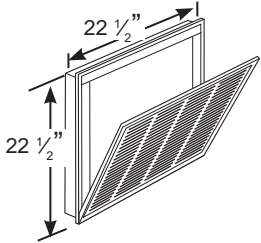Architectural Louver

13 ½"

7 1/8"
⌀10" duct

3" minimum clearance

Field Supplied Closet Door (open width > 30")

34" minimum

Electrical Connection

3" minimum clearance

Thermostat Connection

Unit Front

5" minimum clearance

29 ⅝" minimum
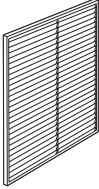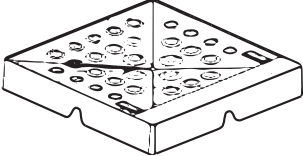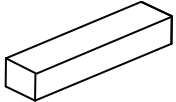
SIDE INSTALL Option 2
(RAVRG4*)

Top View

Architectural Louver

6" - 8" from closet rear wall to RAVRG4*

13 ½"

7 1/8"
⌀10" duct

5" minimum clearance

RAVRG4* access panel

40" minimum

Electrical Connection

3" minimum clearance

Thermostat Connection

Unit Front

5" minimum clearance

34" minimum

For RAVRG4*: After installing RAVDPLAT per instructions, slide rear of unit through RAVRG4* and rest it on platform in the closet. Rotate unit 90° so that rear of unit is facing the wall plenum. Follow remaining instructions for installing unit to wall plenum.

ACCESSORIES for NEW Installation

Accessory and model number	Appearance	Cutout Dimensions
Plenum (telescoping) RAVWPT15B 8"-15"D x 23¾"W x 39¾"H *excluding flange		Cutout Dimensions: 24"W x 40"H
Architectural Louver RAVAL4		Architectural Louver designed to fit the following Plenums: RAVWPT15B 8"-15"D x 23¾"W x 39¾"H
Access Panel with Return Air Grille (optional) RAVRG4*		Cutout Dimensions: 28⅛"W x 55⅞"H
Return Air Grille (optional) RAVRG2*	22 ½" 22 ½"	Cutout Dimensions: 20⅜"W x 20⅜"H
Drain Platform RAVDPLAT		Not Applicable
MUA filter (optional) RAA13V		Not applicable

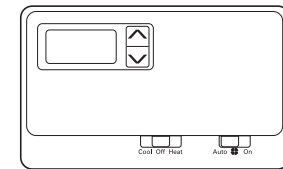**Power Connection – Direct Connect**
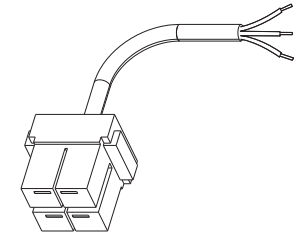
Options:
RAK315D – 230-208V, 15 Amp
RAK320D – 230-208V, 20 Amp
RAK330D – 230-208V, 30 Amp
Note: See page 1 for Electrical Data

Wall Thermostat
(appearance may vary)

Cool Off Heat   Auto On

Options	Communication Type
RAK150VF2	Standard, 8 wire
RAK190V	Two Way, 5 wire