

# TECHNICAL SPECIFICATIONS

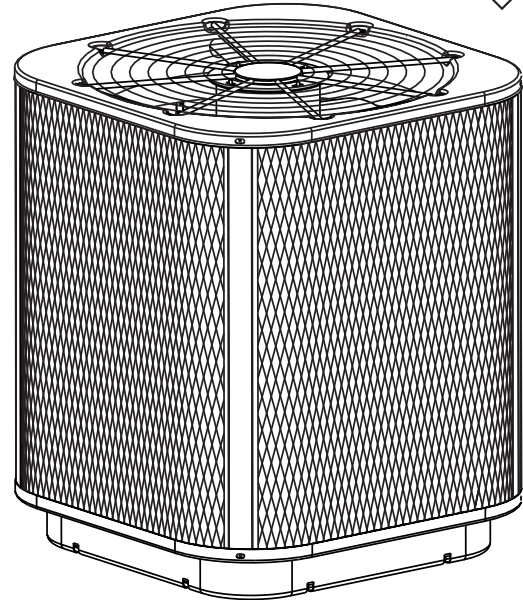


## GS3BA-012KB

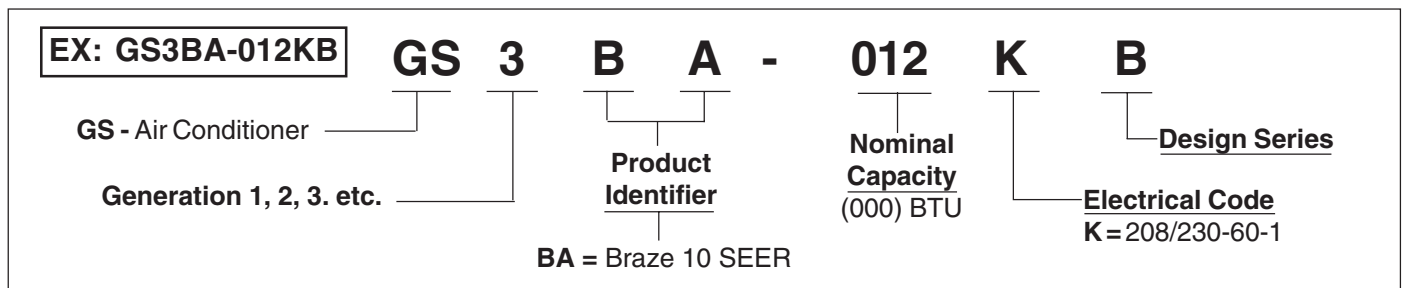
10 SEER Air Conditioner  
1.0 Ton Capacity

### FEATURES and BENEFITS

- **Copper Tube / Aluminum Fin Coils** – Coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Permanently Lubricated Motor** – A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Full Service Valves** – These brass valves are easily accessible and simplify servicing of the refrigeration system.
- **Removable Top Grille Assembly** – Allows ease of service from the top without disconnecting fan motor leads.
- **One Piece Top/Orifice** – Designed for maximum airflow and quiet operation.
- **Plastic Mesh Hail Guard** – A guard that will never rust and protects the coil from damage.
- **Common Suction Service Port** – This port allows the contractor to read the suction pressure in all modes of operation without removing any panels, saving time and increasing serviceability.
- **2-1/2" Pedestal Base** – The sturdy base keeps the bottom of the coil out of harms way. Secondly, the base has weep holes along the edge to allow the water from the defrosting coil and rain to flow away from the unit.
- **Easy Compressor and Control Access** – Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **5 Year Limited All Parts Warranty** – Proven to be a major benefit to the consumer.



### MODEL IDENTIFICATION CODES



### SYSTEM COOLING CAPACITIES

10 SEER — High Efficiency — Single Phase

Outdoor Unit							
Model Number	Coil	Air Handler	Wall Mount Air Handler	Cooling Btuh	SEER	Nominal CFM	Required Orifice Size
GS3BA-012K	C3BA-024C/UA	GB3B(M,V)024K-A	GB3BW-018K	12,000	10	450	.040

See current ARI Directory for certified combinations and ratings.

# PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

10 SEER — High Efficiency — Single Phase

## AIR CONDITIONER

Model No. GS3BA-		012KB	
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1
	Total Amps		5.0
	Delay Fuse Max. (2)		10
	Min. Circuit Ampacity		6.1
Component Data	Coil	Area	8.3
		Rows-FPI	1-14
		Tube Dia.	3/8 O.D.
	Fan Motor	Type	PSC
		Amps	0.34
		HP	1/20
	Fan Blade	Dia.-#Blades	18 in.-3
		SCFM	2100
Compressor Data*	RLA	4.7	
	LRA	24	
Refrigerant Suction Line-Length/O.D. (Liq. Line All Lengths - 3/8" O.D.)		0-24 ft.	5/8" (3)
		25-39 ft.	5/8" (3)
		40-75 ft.	3/4"
Refrigerant Charge (Outdoor unit, Indoor Unit, R-22 Ounces 15' Line Set)		63	
Weight Approximate (lbs.)	Net	116	
	Ship	122	
Compressor Manufacturer		Panasonic	

\* Values shown are most severe and may vary slightly depending on the make of the compressor supplied.

(1) Operating Voltage Range: 198v min. — 253v max.

(2) HACR Type Circuit Breakers may be used.

(3) Requires 3/4" to 5/8" reducer from unit to line.

## ACCESSORIES

### Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

#### Note:

**Refrigerant Tubing Limitations for Units Equipped with Rotary Compressors**-The compressor manufacturer imposes a maximum equivalent line set length of 100ft. Furthermore, vertical elevation shall not exceed 50ft.

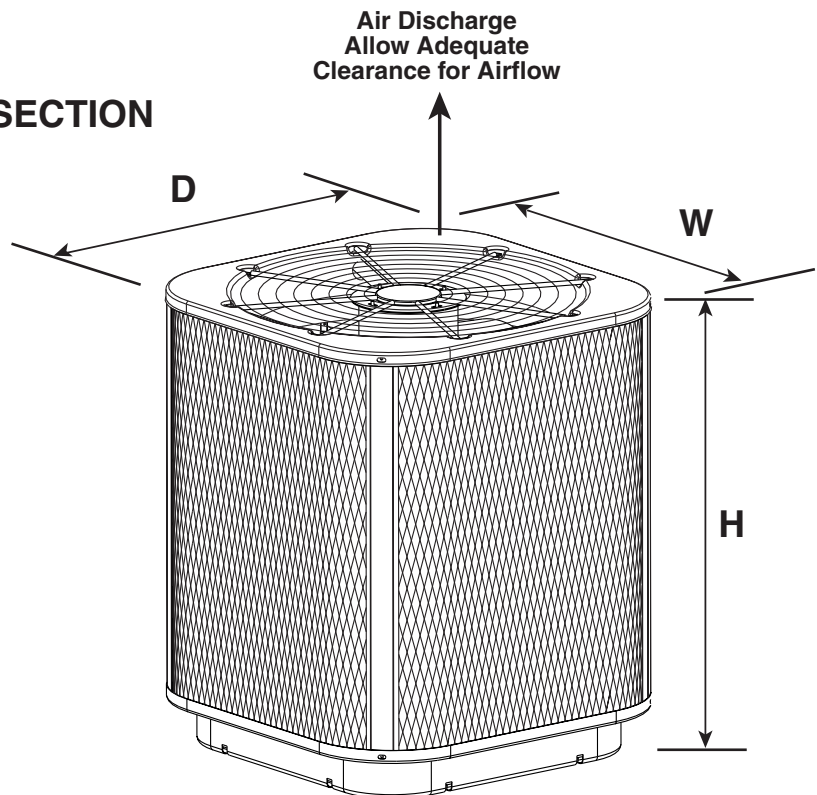
## DIMENSIONS

### AIR CONDITIONER OUTDOOR SECTION

GS3BA-	012K
H	22-1/2
W	22-1/2
D	22-1/2

COPPER WIRE SIZE — AWG (1% Voltage Drop)				
Supply Wire Length-Feet				Supply Circuit
200	150	100	50	Ampacity
6	8	10	14	15
4	6	8	12	20
4	6	8	10	25
4	4	6	10	30

Wire Size based on N.E.C. for 60° type copper conductors.



CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI

We Encourage Professionalism



Through Technician Certification by NATE

