

SPLIT SYSTEM AIR CONDITIONERS



**Leading the A2L  
Transition  
Affordable | Efficient**



[www.glacerahvac.com](http://www.glacerahvac.com)

**R32**

  
**GLACERA** GLA15SAC

**R32**

**14.3 SEER2**

**PREMIUM  
SINGLE STAGE  
SPLIT SYSTEM  
FEATURES\***



**1** High-efficiency LG scroll compressor – Provides better energy efficiency cooling performance and lower monthly energy costs compared to lower SEER2 systems.

**2** Refrigeration-grade premium copper tubing and aluminum fin condenser coil – Helps deliver outstanding heat transfer properties with R-32 refrigerant.

**3** Removable grille-style top design – Includes Venturi rings for increased velocity of airflow.

**4** Energy-efficient fan motor – Advanced fan design moves air quickly and quietly.

**5** Factory-Installed In-Line Filter Drier – Protects the refrigerant system from dirt and moisture for longer service life compared to units without filter driers.

**6** R-32 refrigerant – Air conditioners come pre-charged with R-32 refrigerant, A proven, easy, efficient, and available refrigerant

**Affordable and energy-efficient air conditioners.**



\* Some features/technology vary by model.

## 14.3 SEER2 Fixed Speed | Air Conditioner

Cooling capacity: 18-60kBTU/h



### Standard Features

- Eco-friendly R32 refrigerant with low GWP value.
- Energy-efficient scroll compressor.
- Equipped with thermal overload protection.
- High quality condenser with inner-groove copper tube and aluminum fin.
- Service valves with sweat connections and easy-access gauge ports.
- Factory-installed high-pressure switch.
- Mechanical control with no PCB. Easy for maintenance.
- AHRI certified and ETL listed.

### Cabinet Features

- Compact design allows for easy of installation, and maintenance.
- Powder-painted galvanized steel cabinet chassis.
- Protective steel louvered coil guard.
- Steel wire axial fan guard.
- Unique Fan blade for quieter operation.



Capacity	Model	Unit Dimensions & Weight					Sound Level (dB(A))
			Height (in.)[mm]	Width (in.)[mm]	Length (in.)[mm]	Shipping Weight (lbs)[kg]	
1.5	GLA15SAC18R32	Unit	25[635]	23-5/8[600]	23-5/8[600]	139[63]	60
		Packing	26-1/8[665]	24-13/16[630]	24-13/16[630]		
2	GLA15SAC24R32	Unit	25[635]	23-5/8[600]	23-5/8[600]	139[63]	60
		Packing	26-1/8[665]	24-13/16[630]	24-13/16[630]		
2.5	GLA15SAC30R32	Unit	25[635]	23-5/8[600]	23-5/8[600]	148[67]	63
		Packing	26-1/8[665]	24-13/16[630]	24-13/16[630]		
3	GLA15SAC36R32	Unit	25[635]	29-1/8[740]	29-1/8[740]	160[72.5]	63
		Packing	26-1/8[665]	30-1/2[775]	30-1/2[775]		
3.5	GLA15SAC42R32	Unit	32-7/8[835]	29-1/8[740]	29-1/8[740]	195[88.6]	65
		Packing	34[865]	30-1/2[775]	30-1/2[775]		
4	GLA15SAC48R32	Unit	32-7/8[835]	29-1/8[740]	29-1/8[740]	214[97]	65
		Packing	34[865]	30-1/2[775]	30-1/2[775]		
5	GLA15SAC60R32	Unit	32-7/8[835]	29-1/8[740]	29-1/8[740]	214[97]	65
		Packing	34[865]	30-1/2[775]	30-1/2[775]		

CAPACITY(TON)		1.5	2	2.5	3	3.5	4	5
SPECS								
RATED CAPACITY	Cooling (BTU/h)	18000	23600	27800	33000	40000	45000	55000
	Power supply	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz
ELECTRICAL DATA	Min. /Ma x. Voltage(V)	187/253	187/253	187/253	187/253	187/253	187/253	187/253
	Min. Circuit Amps (MCA) (A)	10.5	13.5	16.7	19.5	23.9	23.4	39.9
	Max. Overcurrent Protection (MOP) (A)	15	20	25	30	35	40	60
	Type	S scroll	S scroll	S scroll	S scroll	S scroll	S scroll	S scroll
COMPRESSOR	Rated Load Amps (RLA) (A)	7.3	9.7	11	13.5	18.4	17.5	30.7
	Locked Rotor Amps (LRA) (A)	47	65	69	86	96	102	134
	Crankcase Heater	NO	NO	NO	NO	NO	NO	NO
	Type	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin
CONDENSER COIL	Type	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin	Copper Tube & Aluminium Fin
FAN MOTOR	Motor Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
	Capacitor (uF)	6uF	6uF	6uF	6uF	6uF	12uF	12uF
	Horsepower (HP)	1/9	1/9	1/5	1/7	1/7	1/3	1/3
	Full Amps Load (FLA) (A)	0.8	0.8	1.5	1	1	1.5	1.5
REFRIGERATION SYSTEM	Liquid Line Size (O.D.) (in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Suction Line Size (O.D.) (in.)	3/4	3/4	3/4	3/4	3/4	7/8	7/8
OPERATION RANGE	Cooling(°C)	12.7~48.9	12.7~48.9	12.7~48.9	12.7~48.9	12.7~48.9	12.7~48.9	12.7~48.9
	Cooling(°C)	55~120	55~120	55~120	55~120	55~120	55~120	55~120

