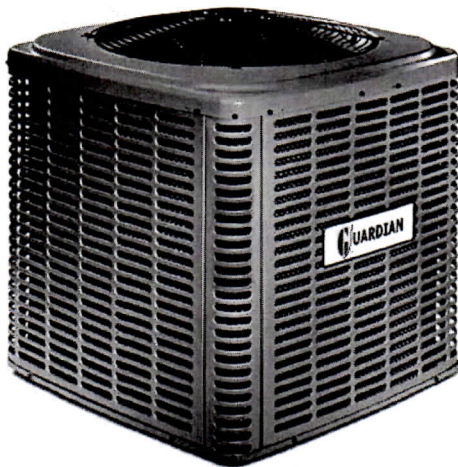




TECHNICAL GUIDE

**GUARDIAN™ SERIES DRY SHIP
AIR CONDITIONER CONDENSING UNITS
SHIPPED WITH NITROGEN CHARGE ONLY
13 SEER – R-22 – 1 PHASE
1.5 THRU 5 NOMINAL TONS
MODELS: GCGD18 THRU 60**



Due to continuous product improvement, specifications are subject to change without notice.

Visit us on the web at:
www.upgnet.com

Additional rating information can be found at:
www.ahridirectory.org

WARRANTY SUMMARY*

Standard 5-Years limited parts warranty.
Standard 5-Years limited compressor warranty.

*Does not apply to 3-Phase models, or internet sales.
See Limited Warranty certificate in User's Information Manual for details.

DESCRIPTION

The 13 SEER Series unit is the outdoor part of a versatile climate system. It is designed with an existing, matching indoor coil component from Johnson Controls Unitary Products. Available for typical applications this climate system is supported with accessories and documents to serve specific functions.

FEATURES

- **Small Footprint** - Extremely lightweight with a compact footprint, it is a perfect fit for any application.
- **Quality Condenser Coils** - The coil is constructed of aluminum microchannel tubing and enhanced aluminum fins for reduced size and increased efficiency.
- **Coil Protection** - Coils are protected from damage by a slotted, stamped steel coil guard and secondary polymer mesh.
- **Optional Factory E-Coat** - Available ElectroFin® coated coil on select models.
- **Protected Compressor** - Compressors are protected internally by a high pressure relief valve and a temperature sensor, and externally by the system high pressure switch. A factory installed liquid line filter-drier further protects the compressor against moisture and debris.
- **Nitrogen Holding Charge** - Shipped with a nitrogen holding charge. R-22 refrigerant must be field sourced and charged.
- **Durable Finish** - The cabinet is made of G90-equivalent pre-painted steel, with special primer formulas and matte champagne texture to insure less fading when exposed to sunlight. The coated steel wire fan guard and pre-treated, galvanized steel chassis components resist corrosion and rust creep.
- **Lower Installed Cost** - Installation time and costs are reduced by easy power and control wiring connections. The small base dimension means less space is required on the ground or roof.
- **Top Discharge** - Warm air from the top mounted fan is blown up, away from the structure and any landscaping. This allows compact location on multi-unit applications
- **Low Operating Sound Levels** - The upward air flow carries the normal operating noise away from the living area. The rigid top panel effectively isolates any motor sound. Isolator mounted compressor and the condenser coil muffle the normal fan motor and compressor operating sounds.
- **Low Maintenance** - Long life, permanently lubricated motor-bearings need no annual servicing.
- **Easy Service Access** - Fully exposed refrigerant connections and a single panel covering the electrical controls make for easy servicing of the unit.
- **Secured Service Valves** - Secured, re-usable service valves are provided on both the liquid and vapor sweat connections for ease of evacuating and charging.
- **Agency Listed** - Safety certified by CSA to UL 1995 / CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.