

NITROGEN AND HELIUM “G” SERIES COMPRESSORS

STANDARD FEATURES FOR “G” SERIES COMPRESSOR SYSTEMS:

- A Programmable Logic Controller with display to control compressor functions with an integrated hour meter to record compressor system operating hours.
- A high temperature sensor with audible alarm, shutdown and fault indicator on PLC.
- A low oil pressure switch with audible alarm, shutdown and fault indicator on PLC.
- An “Auto-Off-Manual” three-position selection switch selects the type of operation.
- The motor operates via a magnetic starter with thermal overload protection.
- Final pressure transmitter for pressure actuated automatic start and shutdown.
- A gauge set with 2 ½” oil-filled, dual scale gauges monitor all stages of compression, final pressure and oil pressure.
- CRN certified Automatic Condensate Drain System to drain accumulating compression liquids during operation and at shut down for disposal, complete with condensate reservoir.
- All filter chambers rated for 6300 PSIG made in hard anodized corrosion protected 7075-T6 alloy for superior strength and with a 4 to 1 safety factor.
- Safety relief valves after each stage of compression and the final oil/moisture separator.
- CRN certified check valve after the final separator stops back flow through the filter.
- CRN certified pressure maintaining valve set at 1,800 psig to maintain pressure in the filter and optimize the filter cartridge life.
- Vertical frame with independent rubber anti-vibration mounting of the compressor/motor.
- All electrical components are CSA approved and the complete compressor system is certified for use in Canada under the Jordair certificate number LR77799.
- B.C. Boiler and Pressure Vessels contractors licence No. MA-2007