

**JORDAIR/BAUER IK25.9/18 “I” SERIES COMPRESSOR SYSTEM****STANDARD FEATURES FOR “I” SERIES FRAMES:**

- A Programmable Logic Controller with display screen controls the compressor functions.
- The PLC-integrated hour meter records the compressor system operating hours.
- The motor operates via a PLC controlled soft starter with thermal overload protection.
- An “Auto-Off-Manual” three-position selection switch selects the type of operation.
- Final pressure switch for pressure actuated automatic start and shutdown.
- A gauge panel with 2 ½” dual scale gauges monitor all stages of compression, final pressure and oil pressure.
- A high temperature sensor and audible alarm with a fault indicator light and shutdown.
- A low oil pressure switch and audible alarm with a fault indicator light and shutdown.
- CRN certified Automatic Condensate Drain System to drain accumulating compression liquids during operation and at shut down.
- Condensate drain collection tank to contain the compression liquids for disposal.
- Safety relief valves after each stage of compression and the final oil/moisture separator.
- The compressor is provided with a forced-feed lubrication system. A low speed gear pump supplies the oil pressure at approximately 75 PSIG.
- A direct flow Air Blaster Fan Cooling System supplies cooling air for the compressor crankcase, cylinders, valve heads, inter-coolers and final after-cooler providing optimum compressor block cooling protection and extended filter cartridge life.
- CRN certified check valve after the final separator stops back flow through the filter.
- Horizontal frame with independent rubber anti-vibration mounting of the compressor/motor assembly and the main structural frame.
- All electrical components are CSA approved and the complete compressor electrical system is certified for use in Canada under the Jordair certificate number LR 77799.
- B.C. Boiler and Pressure Vessels contractors licence No. MA 2007
- CSA and BCB&PV approval of the complete compressor electrical and pressure system.

**OPTIONS:**

- Cartridge type air drying systems up to 500 Barg.
- Dual tower desiccant drying systems up to 420 Barg.