
Point of Manufacture – Curitiba, C'ville, Unicov

INTRODUCTION

GENERAL DESCRIPTION

The Ingersoll Rand R4-R11 range is a series of light duty, belt driven, single stage rotary screw compressor.

The rugged and reliable compression airend is contact cooled with a highly efficient asymmetrical profile rotor and is driven by a high efficiency design fully enclosed two pole electric motor. The compressor unit is a totally self contained package complete with all piping, wiring and accessories. It is mounted on a rugged base plate and is factory tested and shipped complete, ready for installation.

The “Total-Air-System” (TAS) version is compressor package, comprising a fully integrated rotary screw compressor with a high efficiency, non-cycling, air dryer and high efficiency air filter. This is all mounted on to a horizontal air storage receiver. The TAS package occupies less space, costs less to install, and delivers high quality compressed air to maximize operating efficiency and reduce costs.

REGULATORY SPECIFICATIONS

Dependent on local code requirements, the following standards are complied with:

Electrical Components: NFPA70/79, 2006/95/EC compliant

ISO1217 Annex C; 1996 for performance testing and acceptance criteria.

ISO2151:2004 noise test code, and noise measurement standard **ISO9614-2:1996** and defined as sound pressure level at the workstation, +3 dB(A)

Pressure Vessels (regional variations):

ASME Pressure Vessel Code; Section VIII, Division 1, “Unfired Pressure Vessels”

2009/105/EC Simple Pressure Vessel directive

NOTE: Compressed air which is to be used for breathing air, as in diving apparatus, and in some industrial or chemical processes, are exceptions to the wide range of applications of the Ingersoll Rand compressor line.