

### Reciprocating Oil-Free Air Compressors – Industrial Applications

The Ingersoll Rand range of Reciprocating Oilfree Air Compressors offers delivery pressures of ~9 bar and a variety of volumetric flows that can meet even the most challenging requirements. The units can be offered in either single or two stage configurations and can be configured to deliver a complete turnkey solution with compressor, drive, controls, dryers and receiver all fitting on a compact skid. All units are fully tested in our ISO 9001 accredited facility to ensure they are fully operational as quickly as possible in your facility.



#### **Features**

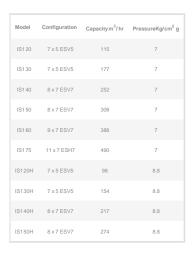
- Non-lubricated 100% oil free, water cooled, continuous duty cycle rated.
- Rugged frame design-one-piece cast iron construction.
- Non lubricated, featuring long-life self-lubricating composite wearing components.
   Rifle drilled oil passage.
- Cylinders constructed with large cast-in water jackets for dimensional stability under continuous operation.
- Intercoolers/after coolers selected for optimal approach temperature.

- All internal components and piping are corrosion protected for extended life.
- Distance pieces feature two compartments, ensuring the lubricant is isolated from the cylinders.
- Pre-programmed Logic controller based control panel, with IP54 protection.
- Auto drain trap with bypass arrangement at Air Receiver.
- Two-step capacity control (0 100%).
- All compressor packages load tested at 100% full operating pressure.
- On two stage models Horizontal balanced opposed design making the package compact, small foot print and easy to install

## **Model Specifications**

# Reciprocating Oil-Free Air Compressors - Industrial Applications Performance

## **Single Stage Packages**



### **Two Stage Packages**



IS2 120	14 & 8 x 7 PHE7	894	7
IS2 150	14 & 8 x 7 PHE7	1099	7
IS2 180	16 & 10 x 7 PHE7	1339	7
IS2215	16 & 10 x 7 PHE7	1575	7
IS2 240	16 & 10 x 7 PHE7	1696	7
IS2100H	12 & 7 x 7 PHE7	664	8.8
IS2120H	14 & 8 x 7 PHE7	821	8.8
IS2150H	14 & 8 x 7 PHE7	1025	8.8
IS2180H	14 & 8 x 7 PHE7	1189	8.8
IS2215H	16 & 10 x 7 PHE7	1465	8.8
IS2240H	16 & 10 x 7 PHE7	1609	8.8

- Atmospheric pressure: 14.7 PSIA, Temperature 95 p & 70% RH considered.
- Cooling water inlet temperature 90 p Eonsidered & cooler CTD will be 20 p F.
- The performance is at the compressor discharge flange.
- The performance is subjected to tolerances as per test standard.



About Ingersoll Rand Inc. Ingersoll Rand Inc. (NYSE:IR)driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit <a href="https://www.IRCO.com">www.IRCO.com</a>.