

Reciprocating Oil-Free Air Compressors - PET Applications

45-261 kW, 35-40 bar(g)



Ingersoll Rand offers an extensive range of high-pressure reciprocating compressors that are tailor made for high pressure PET blowing applications in the 45 to 261 kW, 120 to 835 acfm range with discharge pressures of 35-40bar(g).

The Ingersoll Rand Reciprocating Oil-Free Air Compressors has single-point air, water and electrical connections for easy installation. The 3-stage inline design configuration provides unobstructive access for easy maintenance and operations.



Learn More about Our Large Reciprocating Compressors

Benefits

- Non-lubricated 100% oil free (ISO 8573-1:2010 certified air), water cooled, continues duty cycle rated.
- Three-stage balanced opposed layout minimizes foundation requirements.
- Rugged frame design-one-piece cast iron construction. Highly reliable best in class product offering.
- Non lubricated, featuring long-life self-lubricating composite wearing components.
- Cylinders constructed with large cast-in water jackets for dimensional stability under continuous operation.
- Intercoolers/after coolers selected for optimal 11.2°C (20°F) 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.
- Advanced microprocessor-based controller monitors all critical system parameters in real time.
- All components constructed in accordance with World Standards and stamped as applicable.
- Three-step capacity control (0-50-100%) can be provided on request.



Automotive



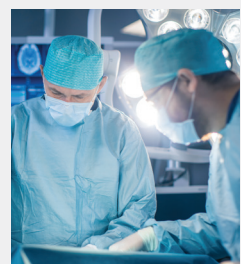
Manufacturing



Chemical



Pharmaceutical



Healthcare

Reciprocating Oil-Free Air Compressors - PET Applications Performance

Model	Pressure kg/cm ² g	Capacity acfm	Motor hp
PS3 215	35	120	60
PS3 215	40	120	60
PS3 270	35	152	75
PS3 270	40	152	75
PS3 340	40	189	100
PS3 400	40	224	100
PS3 445	40	248	120
PS3 525	40	294	150
PS3 600	40	336	150
PS3 725	40	405	180
PS3 820	40	458	200
PS3 900	40	509.5	225
PS3 1300	40	722	300
PS3 1500	40	835	350

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



The CARE Service Program Advantage

Compressed air is critical to your operation. A proper maintenance strategy is crucial to avoiding unplanned, unbudgeted downtime and production interruptions. By choosing an Ingersoll Rand CARE service program, you are investing in your future with a trusted partner.

Depending on your reciprocating air compressor system maintenance requirements, choose from one of these two programs. Each program includes genuine OEM parts that eliminate inferior performance caused by generic parts that will cost you more in the long run.



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