



Next Generation R-Series Oil-Flooded Rotary Screw Air Compressors

200-250 kW (250-350 hp)



Ingersoll Rand works to keep you ahead of your competition with Next Generation R-Series air compressors that boost productivity, lower operating expenses and extend equipment life.

Next Generation R-Series air compressors. The intelligence you need—to win.

World-class performance

- **State-of-the-art airend** delivers as much as 16% improved efficiency and 21% greater airflow capacity; two stage airend available for even greater efficiency and reduced bearing load to extend life
- **PAC™ protection, V-Shield™ technology and free-floating cooling system** help maximize uptime
- **Xe-Series controller with intuitive, high-resolution color display** offers remote access with any common, current web browser
- **NEMA Premium® efficiency motor** delivers significant energy savings, and the optional variable speed drive (VSD) further decreases energy demands
- **Air-cooled and water-cooled options** to best match your operating environment
- **Harsh environment options** for high and low ambient temperature as well as outdoor operation

| Standard Features include: | Optional Features include: |
|--|---|
| Premium TEFC motor with space heater and RTD | Outdoor modification/rain protection |
| Star-delta reduced voltage starter | Low ambient temperature protection to -10°F (-23°C) |
| Noise attenuation enclosure with hinged, removable doors for easy service access | High ambient rating up to 131°F (55°C) |
| Stainless steel and PTFE coolant hoses with repeatable leak free connections | Premium high dust filtration |
| Free-floating cooling system optimized for efficiency and serviceability | Fluid containment system |
| PAC™ Protection adjusts operating parameters in response to compressor operation | Ultra FG lubricant |
| Package rating for operation up to 115°F (46°C) | Automatic power outage restart option (PORO) |
| Package pre-filter | Solid state reduced voltage starter |
| Control panel with enhanced environmental protection against dust and liquids | Flow control modulation control |
| Long-life consumables and 16,000-hour life Ultra EL lubricant | Phase monitor protection |

| i Ingersoll Rand – 60 Hz Performance | | | | | |
|---|--------------------|------------------|---------------------|---|-----------|
| Model | Max. Pressure psig | Nominal Power hp | Capacity (FAD)* cfm | Dimensions (Length x Width x Height) in | Weight lb |
| 185i | 110 | 250 | 1,367 | 148 x 85 x 99 | 13,834 |
| | 125 | | 1,310 | | |
| | 145 | | 1,211 | | |
| 220i | 110 | 300 | 1,642 | 148 x 85 x 99 | 13,834 |
| | 125 | | 1,579 | | |
| | 145 | | 1,409 | | |
| 260i | 110 | 350 | 1,702 | 148 x 85 x 99 | 13,834 |
| | 125 | | 1,639 | | |
| | 145 | | 1,519 | | |

| ie Ingersoll Rand – 60 Hz Performance | | | | | |
|--|-----|-----|-------|---------------|--------|
| 185ie | 110 | 250 | 1,444 | 170 x 85 x 99 | 18,378 |
| | 125 | | 1,388 | | |
| | 145 | | 1,271 | | |
| | 200 | | 1,063 | | |
| 220ie | 110 | 300 | 1,695 | 170 x 85 x 99 | 18,378 |
| | 125 | | 1,582 | | |
| | 145 | | 1,483 | | |
| | 200 | | 1,275 | | |
| 260ie | 110 | 350 | 1,840 | 170 x 85 x 99 | 18,378 |
| | 125 | | 1,780 | | |
| | 145 | | 1,621 | | |
| | 200 | | 1,398 | | |

| n Ingersoll Rand – 60 Hz Performance | | | | | |
|---|--------------------|------------------|---------------------|---|-----------|
| Model | Max. Pressure psig | Nominal Power kW | Capacity (FAD)* cfm | Dimensions (Length x Width x Height) in | Weight lb |
| 200n | 100-145 | 200 | 593-1,460 | 148 x 85 x 99 | 13,834 |
| 250n | 100-145 | 250 | 593-1,751 | | |

| ne Ingersoll Rand – 60 Hz Performance | | | | | |
|--|---------|-----|-----------|---------------|--------|
| 200ne | 100-145 | 200 | 660-1,546 | 170 x 85 x 99 | 18,378 |
| 250ne | 100-145 | 250 | 660-1,890 | | |

*FAD (Free Air Delivery) is full package performance including all losses, tested per ISO 1217:2009 Annex C



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