



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

11-22 kW (15-30 hp), 60 Hz i and n Models

Ingersoll Rand works to keep you ahead of your competition with Next Generation R-Series air compressors that lower total cost of ownership through industry-leading energy efficiency and delivered capacity, along with reliable components.



World-class performance

- **Rugged, dependable airend** delivers the efficiency and airflow you need
- **IE3 premium TEFC motor** and optional variable speed drive (VSD) decrease energy demands
- **V-Shield™ technology** provides a totally integrated, leak-free design, featuring PTFE and O-ring face seals
- **Components that provide reliable air for life**, including a free-floating cooling system, two-stage air filters and elastomeric O-rings
- **PartsCARE™ service program** ensures proper maintenance and longer product life, as well as extends your warranty



- **Enhanced serviceability** ensures increased uptime with two-stage filtration, easy maintenance and Ingersoll Rand extended life, premium grade coolant
- **Xe-Series controllers** deliver increased control functionality through an intuitive user interface, as well as remote access with any common, current web browser
- **Removable service access** provides quick, easy access to all user-maintainable components
- **Optional Total Air System (TAS)** with integrated dryer and 3-in-1 heat exchanger provides clean, dry air in a single package that minimizes installation costs, reduces footprint and improves ISO air quality



| Standard features include: | Optional features include: |
|--|--|
| Rugged, dependable airend | Total Air System (TAS) package with integrated air dryer |
| Energy saving, intuitive Xe-50M Series controller with remote access | Ultra EL lubricant (extended 16,000-hour life) |
| Air-cooled, free-floating cooling system | Ultra FG lubricant (food grade) |
| V-Shield™ PTFE hoses, leak-free connections | Power outage automatic restart option (PORO) |
| Noise attenuation enclosure with removable doors for easy service access | Flow control inlet modulation |
| Packaged pre-filtration | Phase monitor protection |
| Long-life Ultra Coolant with 8,000-hour life | Xe-70M Series controller |
| Long-life filtration and separation elements | Comprehensive service and coverage plans |
| Wye-Delta reduced voltage starter | |
| IE3/NEMA Premium® TEFC motor | |
| NEMA® Type-4/IP55 enclosure, rated for 40°C (104°F) ambient operation | |

| i Standard 60 Hz Performance | | | | | | | |
|------------------------------|----------------------|---------------------|------------------------|--------------------------------|-----------------------------|-------|--|
| Model | Max pressure psig | Nominal power hp | Capacity (FAD)* cfm | Dimensions (L x W x H)** in | Weight (Air-cooled)** lb | | |
| RS11i | 110 | 15 | 70 | 40 x 34 x 51 | 1,129 | | |
| RS11i | 125 | 15 | 64 | | 1,131 | | |
| RS11i | 145 | 15 | 58 | | 1,138 | | |
| RS11i | 200 | 15 | 44 | | 1,146 | | |
| RS15i | 110 | 20 | 95 | | 1,116 | | |
| RS15i | 125 | 20 | 88 | | 1,118 | | |
| RS15i | 145 | 20 | 81 | | 1,120 | | |
| RS15i | 200 | 20 | 64 | | 1,129 | | |
| RS18i | 110 | 25 | 113 | | 1,111 | | |
| RS18i | 125 | 25 | 107 | | 1,111 | | |
| RS18i | 145 | 25 | 99 | | 1,113 | | |
| RS18i | 200 | 25 | 81 | | 1,118 | | |
| RS22i | 110 | 30 | 130 | | 1,199 | | |
| RS22i | 125 | 30 | 124 | | 1,199 | | |
| RS22i | 145 | 30 | 115 | | 1,202 | | |
| RS22i | 200 | 30 | 93 | | 1,204 | | |
| n Standard 60 Hz Performance | | | | | | | |
| RS15n | 145 | 20 | 74 | | 51 x 34 x 51 | 1,462 | |
| RS18n | 145 | 25 | 92 | | | 1,497 | |
| RS22n | 145 | 30 | 111 | | | 1,532 | |

| i Total Air System (TAS) 60 Hz Performance | | | | | | |
|--|----------------------|---------------------|------------------------|--------------------------------|-----------------------------|--|
| Model | Max pressure psig | Nominal power hp | Capacity (FAD)* cfm | Dimensions (L x W x H)** in | Weight (Air-cooled)** lb | |
| RS11i | 103 | 15 | 70 | 60 x 34 x 51 | 1,457 | |
| RS11i | 118 | 15 | 64 | | 1,459 | |
| RS11i | 138 | 15 | 58 | | 1,466 | |
| RS11i | 193 | 15 | 44 | | 1,475 | |
| RS15i | 103 | 20 | 95 | | 1,444 | |
| RS15i | 118 | 20 | 88 | | 1,446 | |
| RS15i | 138 | 20 | 81 | | 1,448 | |
| RS15i | 193 | 20 | 64 | | 1,457 | |
| RS18i | 103 | 25 | 113 | | 1,440 | |
| RS18i | 118 | 25 | 107 | | 1,440 | |
| RS18i | 138 | 25 | 99 | | 1,442 | |
| RS18i | 193 | 25 | 81 | | 1,446 | |
| RS22i | 103 | 30 | 130 | | 1,539 | |
| RS22i | 118 | 30 | 124 | | 1,539 | |
| RS22i | 138 | 30 | 115 | | 1,541 | |
| RS22i | 193 | 30 | 93 | | 1,543 | |
| n Total Air System (TAS) 60 Hz Performance | | | | | | |
| RS15n | 135 | 20 | 77 | 71 x 34 x 51 | 1,790 | |
| RS18n | 135 | 25 | 96 | | 1,825 | |
| RS22n | 135 | 30 | 115 | | 1,872 | |

*FAD (Free Air Delivery) is full package performance including all losses, tested per ISO 1217:2009 Annex C
**Weights and dimensions are for base model only, and do not include receiver tank



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