Nirvana Variable Speed Oil-Free

Rotary Screw Air Compressors 55-75 kW

Nirvana oil-free air compressors, with a matching variable speed inverter and hybrid permanent magnet (HPM®)motor, provide unparalleled energy efficiency at all speeds along with superb reliability. They deliver ISO 8573-1:2010 Class0 certified 100% oil-free air for the most critical applications. There are no motor bearings, pulleys, belts, couplings or motor shaft seals to wear out, leak or need replacing. Nirvana will lower your operating costs with its dynamic efficiency -- a truly transcendent technology!

Features

- **100% Oil-Free Air:** Meets ISO 8573-1:2001 Class0 specifies air quality standards for processes within the food and beverage, pharmaceutical, textile, and electronics industries
- **Lower Energy Costs:** Combination of variable speed operation and the Nirvana HPM® motor, along with an advanced system controller, delivers ultra-efficient peformance
- **Enhanced Reliability:** Stainless steel components, dual-vented seals, and precision machined-rotors with advanced UltraCoat protection ensure trouble-free operation
- **Reduced Lubricant Change-Out:** Industry-leading Ultra Coolant delivers up to 8,000 hours of lubricant run time, as much as 8 times the life of conventional lubricants
- **High Ambient Operation:** Long-life components are designed to withstand 46 ºC maximum ambient temperature
- **IES2 Advantage:** Meets or exceeds IES2 standards for power drive efficiency
- **Intelligent Uptime:** Integrated with Helix™ Connected Platform, a state-of-the-art system that gives you real-time insights and data to keep your compressor operating at peak performance and reduce the risk of downtime



Model Specifications

MODEL	FREQUENCY (HZ)	NOMINAL POWER KW (HP)	CAPACITY-FAD M3/MIN (CFM)@7 BARG (100 PSIG)	CAPACITY-FAD M3/MIN (CFM)@ 8.5 BARG (125 PSIG)	CAPACITY-FAD M3/MIN (CFM)@10 BARG (150 PSIG)	L X W X H CM (IN)	WEIGHT KG(LB) AIR-COOLED or WATER-COOLED
IRN55K-OF	50	55 (75)	9.37 (331)	8.6 (303)	7.8 (275)	208 (82) x 132 (52) x 195 (77)	2041 (4500)
IRN75K-OF	50	75 (100)	12.32 (435)	11.4 (403)	10.6 (374)	208 (82) x 132 (52) x 195 (77)	2041 (4500)
IRN75H-OF	60	55 (75)	9.37 (331)	8.5 (299)	7.6 (269)	208 (82) x 132 (52) x 195 (77)	2041 (4500)
IRN100H-OF	60	75 (100)	12.32 (435)	11.3 (400)	10.4 (368)	208 (82) x 132 (52) x 195 (77)	2041 (4500)

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 www.IRCO.com.