



Nirvana Variable Speed Oil-Free Rotary Screw Air Compressors 37-45 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 Class 0 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 Class 0 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 performance

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 °C maximum ambient temperature



Model Specifications

Model	Frequency (Hz)	Nominal Power kW (hp)	Capacity m ³ /min (scfm)@ 7 bar g (100 psig)	Capacity m ³ /min (scfm)@ 8.5 bar g (125 psig)
IRN37K-OF	50	37 (50)	5.66 (200)	5.07 (180)
IRN45K-OF	50	45 (60)	6.71 (237)	6.20 (220)
IRN50H-OF	60	37 (50)	5.66 (200)	5.07 (180)
IRN60H-OF	60	45 (60)	6.71 (237)	6.20 (220)

Parts & Accessories



Air Compressor Tanks



SimplAir Compressed Air Piping



SimplAir Compressed Air Piping



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$14 billion global business committed to a world of sustainable progress and enduring results. For more information, visit www.ingersollrand.com.