



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
- **IES2 Advantage:** Meets or exceeds IES2 standards for power drive efficiency

Model Specifications

MODEL	FREQUENCY (HZ)	NOMINAL POWER KW (HP)	CAPACITYFAD M3/ MIN (CFM) @ 7 BAR G (100 PSIG)	CAPACITYFAD M3/ MIN (CFM) @ 8.5 BAR G (125 PSIG)	CAPACITYFAD M3/ MIN (CFM) @ 10 BAR G (150 PSIG)	L X W X H CM (IN)	WEIGHT KG (LB) AIR-COOLED or WATER-COOLED
IRN37K-OF	50	37 (50)	5.66 (200)	5.07 (180)	N/A	208 (82) x 112 (44) x 207 (81.5)	1579 (3482)/1624 (3580)
IRN45K-OF	50	45 (60)	6.71 (237)	6.20 (220)	N/A	208 (82) x 112 (44) x 207 (81.5)	1579 (3482)/1624 (3580)
IRN50H-OF	60	37 (50)	5.66 (200)	5.07 (180)	N/A	208 (82) x 112 (44) x 207 (81.5)	1579 (3482)/1624 (3580)
IRN60H-OF	60	45 (60)	6.71 (237)	6.20 (220)	N/A	208 (82) x 112 (44) x 207 (81.5)	1579 (3482)/1624 (3580)



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