



Nirvana

Variable-Speed Drive, Oil-Free Rotary Screw Air Compressors

125-200 hp



The two-stage Nirvana Oil-Free compressor offers —

Fewer rotating parts

- Hybrid Permanent Magnet (HPM) motor that raises the standard on compressor reliability to an unequalled level.
- No pulleys, belts, couplings or bearings to wear out or that need replacing—the HPM motor directly drives the compressor, resulting in longer life.
- IR's time-proven, reliable two-stage oil-free airoend.

Unequalled efficiency and reliability

- Simply shuts off, rather than run unloaded.
- Unlimited starts per hour with no decrease in motor life.
- Delivers up to 28% savings in cost of energy as compared to standard fixed-speed oil-free compressor.

Unequalled performance

- Limits the in-rush current to less than 100%.
- Decreases starting amp requirements, minimizing peak charges.
- Variable speed cooling.
 - Elimination of thermal shock on cooling components.
 - Consistent discharge temperature for enhanced system reliability.
 - Energy consumption is matched to thermal load.

Reduced total life-cycle cost

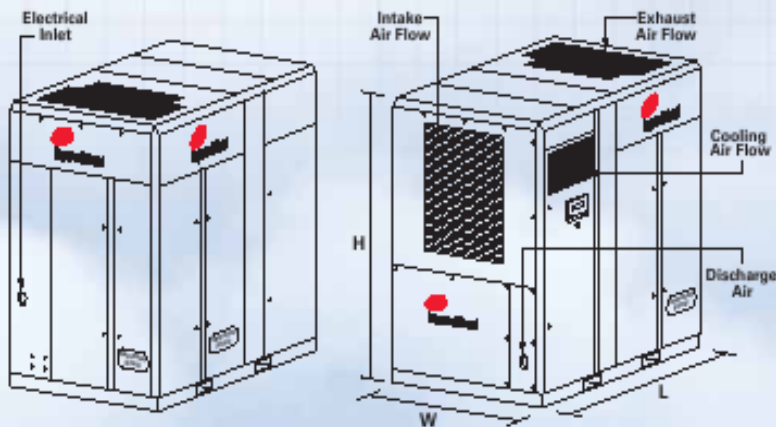
- From the second stage on, all materials are stainless steel or aluminum to prevent harmful particulate from going downstream.
- Operates at peak performance throughout its lifetime.
- Exclusive UltraCoat rotor and housing coating delivers longer life and 10% energy savings.





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Rated Pressure	Nominal Motor Power	Capacity Range	Sound Range	Weight	Outlet Connection
psi (g)	hp	cfm	db(A)	lbs	NPT
IRN200H-OF					
100	200	400-881	72-79	7088	3
125	200	400-816	72-79	7088	3
150	200	400-751	72-79	7088	3
IRN150H-OF					
100	150	400-676	72-79	7088	3
125	150	400-616	72-79	7088	3
150	150	400-555	72-79	7088	3
IRN125H-OF					
100	125	400-563	72-79	7088	3
125	125	400-504	72-79	7088	3
150	125	400-444	72-79	7088	3



DIMENSIONS	inches
Length	100
Width	72
Height	96

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