

Oil-Free Piston Compressors

PD4-OF

PD4-OF Series compressors deliver true oil-free, Class 0 air for applications ranging from food and pharmaceuticals to chemical, electronics and automotive that demand high-quality air.



Premium Air Quality in Any Environment

Completely oil-free operation is required for applications that need the most stringent air quality at a moderate volume to protect against product spoilage, product recalls or costly downtime.

- No oil in the system ensures no need for downstream oil separating
- Quiet operation of 77 db(A) and compact size fit virtually any work environment

Designed for Performance, Built for Reliability

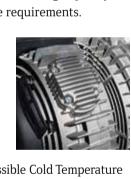
Durable design and construction provide high-quality output with minimal maintenance requirements.

- Aluminum block housing delivers top performance and long life in a compact footprint
- Stainless steel valves resist wear over time
- Built-in aftercooler minimizes
 wear and guarantees lowest possible Cold Temperature
 Difference (CTD)
- Performance rated for ambient temperatures up to 45°C
- Modular system approach provides the flexibility to achieve your desired air purity

Cost Effective, Easy to Maintain

Low power requirements and extended life provide the most convenient, cost-effective way to satisfy stringent air quality requirements.

- Innovative bare design promotes maximum productivity with minimum maintenance
- Easy servicing on a limited schedule reduces downtime
- Direct-drive design means no energy loss in transmission



A Modular Approach to Suit Your Needs

Multiple PD4-OF configuration choices are available to fit your work environment and requirements.



4 kW (5.5 hp) motor delivers up to 380 l/min at 10 bar g (500 l/min at 6 bar g)



270-liter wheel-mounted tank option provides portability throughout your



270-liter vertically mounted tank option delivers high capacity in minimal floor space

Ingersoll Rand PD4-OF Specifications – 50 Hz*											
Model/CPN	Motor kW hp	Max. Pressure bar g psig	Receiver I gal	Capacity (FAD) I/min cfm	Noise db(A)	Dimension mm	s LxHxW in	Wei kg	ght Ib		
PD4-OF/24726853	4.0 5.5	10 145	Base mounted	380 13.4	77	590x400x350	23.2x15.7x13.8	55	121		
PD4-270-3-0F/24619371	4.0 5.5	10 145	270 71.3	380 13.4	77	1,527x1,144x594	60.1x45.0x23.4	158	348		
PD4-270V-3-0F/24619389	4.0 5.5	10 145	270 71.3 [†]	380 13.4	77	1,767x600x600	69.6x23.6x23.6	154	342		

^{*60} Hz and S/D are available †Vertical configuration

Ensure Your Air Quality

Modular Ingersoll Rand dryer and filtration capabilities enable you to control moisture and particulates to the level you need – all the way to Class 0 performance.

ISO8573.1:2010Class	Concentration Total Oil (Aerosol, Liquid, Vapor) mg/m³	Water Class Pressure Dew Point	Ingersoll Rand Dryer Model/CPN	Solid Class Max. Number of Particles/m³	IR Filters/CPN			
0	As specified by the equipment user or supplier and more stringent than Class 1							
1	≤ 0.01	-70°C	D41IM/23167026*	0.01 micron	FA40IH/24231896			
2	≤ 0.1	-40°C	D41IM/23166937*	0.1 micron	FA40IG/24231870			
3	≤ 1	-20°C	D41IM/23166937*	1 micron	FA40ID/24231854			
4	≤ 5	+3°C	D42IN/23231699	_				
5	_	+7°C	D25IN/23231681	-				

^{*}Already supplied with inlet filter grade H (class 1) and outlet filter grade G (class 2)

Visit our website to see our entire portfolio of air treatment products.





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