



**INDO-AIR**<sup>®</sup>  
Compressors Pvt. Ltd.  
UTILITY AIR SOLUTIONS

Chemical Industry

Automobile Industry

Plastic Processing Units

Pharmaceutical Industry

Textile Industry

Pet Bottling Unit

**AIR COMPRESSORS  
& VACUUM PUMPS**

**ENHANCING  
THE PERFORMANCE**  
ENHANCING BUSINESS

**Oil Free  
Reciprocating  
Compressor**

0.5 To 15 HP Two Stage Low Pressure



ISO 9001

BUREAU VERITAS  
Certification



[www.indoair.com](http://www.indoair.com)

# RECIPROCATING

## 0.5 To 15 HP Two Stage

### Low Pressure

## OIL FREE TECHNOLOGY

The technology and development engineers at oil-free technology **INDO-AIR** did extensive research on the critical components of the compressors to operate in oil free operating conditions.

The result is the new series of reciprocating compressors with **Reliable Oil Free Technology** employing special material to withstand extreme pressure & temperature operations.

### PROVEN ROF TECHNOLOGY

Reliable Oil Free (ROF) technology gives 100% oil free air and thousands of hours of continuous running without any seizure.



### Oil free compressor piston of special material.

1. Resilient performance across a broad temperature range.
2. Excellent wear and abrasion resistance.
3. Long term mechanical properties and dimensional stability.



### Salient Features

Sealed and high temperature resistant pre-lubricated bearings.

- Well designed cooling system of air cooled inter/after coolers.
- Special material piston ring which retains its properties under high temperature working conditions.
- Piston ring's outer surface stays always in contact with the cylinder bore even after thousands of hours of running and corresponding wear. Thus ensuring unchanged pumping-up time.
- Special material piston ensures the retention of cylinder bore finish in adverse temperature condition and expansion of piston.

### Oil Free Reciprocating Compressors

MODEL	MOTOR		NO. OF CYL.	RPM	RECEIVER		MAX PRESSURE		PISTON DISPL		
	HP	KW			CFT.	LTRS.	PSIG	KG/CM <sup>2</sup>	CFM	M <sup>3</sup> /M	LTR/MIN
IA 5 NL	0.5	0.38	1	400	1.25	35	110	7.73	3.35	0.095	95
IA 10 NL	1.0	0.75	1	650	2.50	70	125	8.78	5.45	0.154	154
IA 20 NL	2.0	1.50	1	800	2.50	70	125	8.78	9.00	0.255	255
IA 30 NL	3.0	2.20	2	660	7.95	225	142	10.00	13.20	0.374	374
IA 30 NL	5.0	3.70	2	865	7.95	225	142	10.00	17.32	0.490	490
IA 50 NL	5.0	3.70	2	500	8.83	250	142	10.00	19.90	0.564	564
IA 50 NL	7.5	5.50	2	660	8.83	250	142	10.00	26.23	0.743	743
IA 100 NL	10.0	7.50	2	725	10.60	300	142	10.00	40.00	1.133	1133
IA 100 NL	12.5	9.30	2	800	10.60	300	142	10.00	44.00	1.246	1246
IA 100 NL	15.0	11.00	2	900	10.60	300	142	10.00	49.50	1.402	1402

• Due to continuous engineering improvements, specifications are subject to change.



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Dealer / Distributor: