



**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  
Medium Pressure  
Water Cooled  
Air Compressor**

**30 to 215 HP**



ISO 9001

BUREAU VERITAS  
Certification



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

# RECIPROCATING

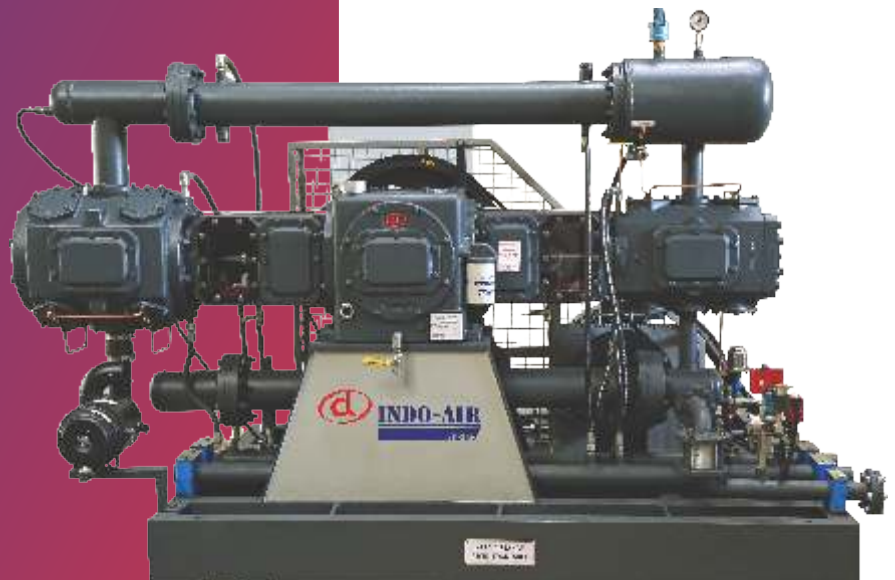
## Oil Free Medium Pressure Water Cooled 30 To 215 HP



### INDO-AIR IAM SERIES COMPRESSORS:

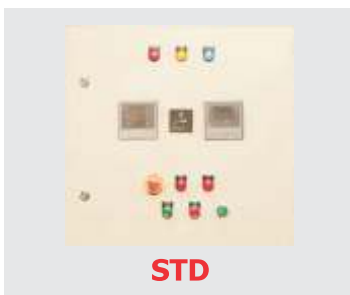
#### 100% OIL FREE AIR COMPRESSORS FOR SPECIAL APPLICATIONS:

The search for a reliable, 100% oil free quality air has prompted **INDO-AIR** to introduce a totally engineered, tested and high performance range of compressors. To ensure the product quality in the production of PET bottles, containers for home care / cosmetic products, food products, pharmaceutical products, usage in aeronautics, turbine & hydraulic circuit pressurizing & pharmaceutical industries, **INDO-AIR** has developed its new IAM series compressors.



### World Standard Proven Parts

All the important elements and parts of the **INDO-AIR** compressor are of proven quality international standard, manufactured and tested with latest technology.



**STD**

The standard control for IAM Compressor is analog type.

Panel shows pressure, temperature, running hours etc.

The compressor is fitted with pressure switches that sense the load and unload pressure as required. The compressor will stop when the pressure reaches a set value and start when the pressure falls below a set value.

In this control system there is no provision for diagnostic indication regarding fault analysis.



**Indo Numeric Controller**

As optional controller Indo Air provides at an extra cost **Indo-Numeric** controller, full micro process controller.

**Indo-Numeric** Control system monitors, regulates, makes error diagnosis and displays warning signals both visual & audible.

- Touch screen MMI, clear & easy to modify parameters.
- User-friendly page displays.
- Status warning indication, thus ensuring prevention of potential damages to the equipment.
- Service warning signals to indicate oil filter / air filter change & Service Alarm etc.
- Compressor auto-shut down in case of abnormal parameters to ensure damage prevention.



**Valve**

- Valves designed to optimize flow area to minimize pressure loss, thus resulting in to less power consumption.
- Valve material is carefully chosen for longer life time and performance.
- Material with minimum wear property is used for the valve seats & valve plates.



### Specification for Medium Pressure Range

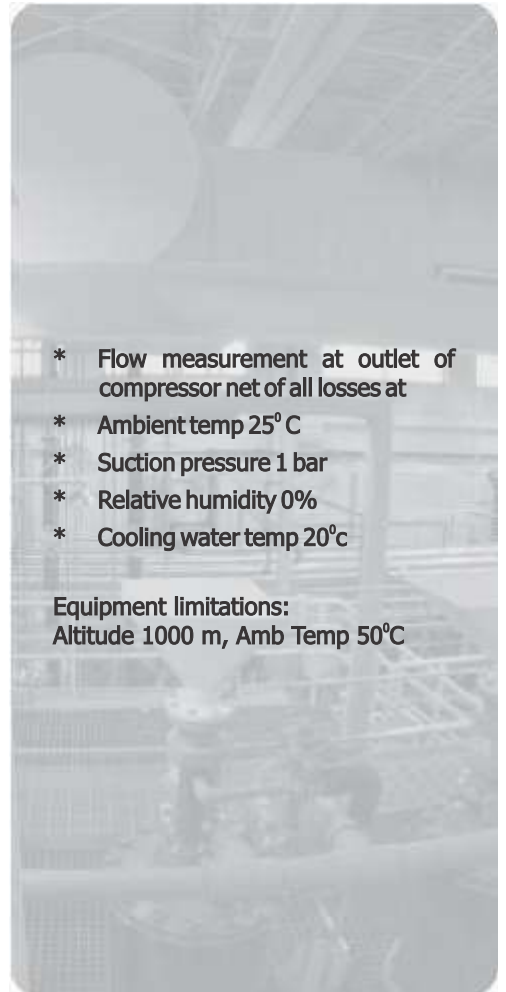
MODEL	Motor		Discharge Pressure Bar	FAD CFM	Discharge Pressure Bar	FAD CFM
	HP	KW				
IAM 30	30	22	7	160	10	124
IAM 40	40	30	7	226	10	190
IAM 50	50	37	7	275	10	214
IAM 60	60	45	7	335	10	285
IAM 75	75	55	7	414	10	326
IAM 100	100	75	7	523	10	473
IAM 120	120	90	7	647	10	578
IAM 150	150	110	7	818	10	684
IAM 180	180	132	7	924	10	821
IAM 215	215	160	7	1184	10	960

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

### Specification for Low Pressure Range

MODEL	Motor		Discharge Pressure Bar	FAD CFM	Discharge Pressure Bar	FAD CFM
	HP	KW				
IAL 50	50	37	2.5	422	4	335
IAL 75	75	55	2.5	628	4	491
IAL 100	100	75	2.5	778	4	664
IAL 120	120	90	2.5	1067	4	772
IAL 150	150	110	2.5	1312	4	1020
IAL 180	180	132	2.5	1648	4	1274
IAL 215	215	160	3.0	1613	4	1432

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



- \* Flow measurement at outlet of compressor net of all losses at
- \* Ambient temp 25° C
- \* Suction pressure 1 bar
- \* Relative humidity 0%
- \* Cooling water temp 20°c

Equipment limitations:  
Altitude 1000 m, Amb Temp 50°C



**Corporate Office & Works**

Plot No 550, Main Road,  
Kathwada GIDC,  
Ahmedabad - 382430,  
Gujarat, INDIA

Phone : +91-79-22901951  
+91-79-29092859

Mobile : +91-9924103612

Email : [info@indoair.com](mailto:info@indoair.com)

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

Dealer / Distributor: