



**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 High Pressure  
Water Cooled  
Air Compressor**

40 to 215 HP

ISO 9001

BUREAU VERITAS  
Certification



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



# RECIPROCATING

## Oil Free High Pressure Water Cooled 40 To 215 HP

### INDO-AIR IAH 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 IAH series compressors.



### Technical Data\*

MODEL	MOTOR		DISCHARGE PRESSURE		DISCHARGE FLOW (FAD)		
	HP	KW	BAR	PSIG	I/SEC	M <sup>3</sup> /HR	CFM
IAH 40-40	40	30.00	25-35	350-500	52	187	110
IAH 50-40	50	37.00	35-42	500-600	62	223	132
IAH 60-40	60	45.00	35-42	500-600	75	270	160
IAH 75-40	75	55.00	35-42	500-600	93	333	197
IAH 100-40	100	75.00	35-42	500-600	123	440	260
IAH 120-40	120	90.00	35-42	500-600	145	516	305
IAH 150-40	150	110.00	35-42	500-600	162	582	345
IAH 180-40	180	132.00	35-42	500-600	192	688	405
IAH 215-40	215	160.00	35-42	500-600	243	870	512

\* Due to continuous engineering improvements, specifications are subject to change.

- Flow measurement at outlet of compressor net of all losses at
- Ambient temp 25 deg°C
- Suction pressure 1 bar
- Relative humidity 0%
- Cooling water temp 20 deg°C
- Equipment limitations: Altitude 1000 m, Amb Temp 50°C



## 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.



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.



### Straight cut piston ring

This ring provides a minimal leakage path. It is the most widely used one piece ring in application, where slight, controlled leakage is acceptable

### Uncut Rider ring

The uncut (solid) rider rings are designed to have an interference fit in the rider ring groove. They must be used wherever the rider ring passes over the valve ports or into a counter bore on the end of the cylinder.



Adequately designed filter element to prevent atmospheric dust entering the cylinder and the filter body to smoothen the air pulsations with silencer.



### Canopy For Low Noise :

An unique feature of **INDO-AIR** IAH series compressor which is part of the standard supply. A well designed canopy with inner lining of sound insulation ensures low noise level around the compressor.

### A Unique Feature :

- These Compressors does not require foundation as they are mounted on **AVM (Anti Vibration Mountings)**

### Electric Panel :

- Conforms to international standards of electrical components and wiring.
- Star-delta starter with thermal protection to reduce in-rust current to the motor during start up and smooth running of motor.
- All electrical control through MMI operation.
- A Large mushroom Emergency button for quick stoppage of compressor in an easy accessible location at operator level.





**Corporate Office & Works**

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Dealer / Distributor: