



**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



**Reciprocating  
Compressor**

• Low Pressure • Medium Pressure • High Pressure

ISO 9001

BUREAU VERITAS  
Certification



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



## RECIPROCATING 1 To 20 HP Single-stage Low Pressure

**INDO-AIR** Single-stage air compressors are designed for low pressure application. These compressors have cylinders of same size (regardless of the number of cylinders). Robust, overhung design crankshaft for reliability & easy maintenance, solid end connecting rods, high thermal efficiency, inter-cooling, reliable splash lubrication and balanced V-type construction for smooth, vibration-free operation.



### Single Stage Low Pressure Compressors (2 - 8 Kg/cm<sup>2</sup>)

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 31	1.0	0.75	1	600	2.50	70	125	8.78	4.12	0.117	117
IA 32	2.0	1.50	2	600	3.55	100	125	8.78	8.25	0.234	234
IA 33	3.0	2.20	2	960	5.30	150	125	8.78	13.75	0.389	389
IA 161	1.0	0.75	1	600	2.50	70	125	8.78	4.00	0.110	110
IA 265	2.0	1.50	2	460	5.30	150	80	5.62	10.35	0.293	293
IA 265	3.0	2.20	2	675	5.30	150	80	5.62	15.18	0.430	430
IA 274	5.0	3.70	2	660	7.95	225	80	5.62	26.50	0.750	750
IA 274	7.5	5.50	2	865	7.95	225	80	5.62	34.64	0.980	980
IA 285	7.5	5.50	2	505	8.83	250	80	5.62	40.00	1.130	1130
IA 285	10.0	7.50	2	660	8.83	250	80	5.62	52.50	1.485	1485
IA 37S	10.0	7.50	2	750	10.80	300	60	4.21	68.10	1.928	1928
IA 37S	12.5	9.30	2	900	10.80	300	60	4.21	81.75	2.315	2315
IA 37S2	12.5	9.30	2	800	10.60	300	40	2.81	88.00	2.490	2490
IA 45S	15.0	11.00	3	700	17.66	500	60	4.21	95.40	2.700	2700
IA 45S	20.0	15.00	3	900	17.66	500	60	4.21	122.65	3.470	3470
IA 45S2	20.0	15.00	3	850	17.66	500	40	2.81	140.15	3.969	3969

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

# RECIPROCATING

## 2 To 30 HP Two-stage Medium Pressure



**INDO-AIR** Two-stage air compressors are designed for medium pressure application and are made of heavy-duty components to give optimum performance. These compressors have two different sized cylinder bores.

Robust overhung design crankshaft for reliability and easy maintenance, solid end connecting rods, high thermal efficiency, inter-cooling, totally reliable splash lubrication and balanced V-type construction for smooth, vibration-free operation.

### Two Stage Medium Pressure Compressors ( 7 - 17.5 Kg/cm<sup>2</sup>)

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 264	2.0	1.50	2	675	5.30	150	175	12.30	7.60	0.210	210
IA 264	3.0	2.20	2	960	5.30	150	175	12.30	10.80	0.305	305
IA 5340	3.0	2.20	2	1000	5.30	150	175	12.30	11.25	0.318	318
IA 272	5.0	3.70	2	865	7.95	225	175	12.30	17.32	0.490	490
IA 272	7.5	5.50	2	1000	7.95	225	175	12.30	20.00	0.570	570
IA 5475	5.0	3.70	2	950	7.95	225	175	12.30	18.98	0.537	537
IA 5475	7.5	5.50	2	1100	7.95	225	175	12.30	22.00	0.622	622
IA 283	7.5	5.50	2	660	8.83	250	175	12.30	26.23	0.740	740
IA 283	10.0	7.50	2	660	8.83	250	250	17.50	26.23	0.740	740
IA 5545	7.5	5.50	2	750	8.83	250	175	12.30	29.81	0.843	843
IA 5545	10.0	7.50	2	950	8.83	250	175	12.30	37.80	1.070	1070
IA 101T2	10.0	7.50	2	725	10.60	300	175	12.30	40.00	1.130	1130
IA 101T2	12.5	9.30	2	900	10.60	300	175	12.30	49.50	1.400	1400
IA 101T2	12.5	9.30	2	800	10.60	300	250	17.50	44.00	1.245	1245
IA 101T2	15.0	11.00	2	1000	10.60	300	175	12.30	55.00	1.560	1560
IA 45T	15.0	11.00	3	700	17.66	500	175	12.30	63.50	1.800	1800
IA 45T	20.0	15.00	3	900	17.66	500	175	12.30	81.80	2.310	2310
IA 55T2	25.0	18.50	3	800	17.66	500	250	17.50	87.94	2.490	2490
IA 55T2	25.0	18.50	3	900	17.66	500	175	12.30	99.00	2.800	2800
IA 55T2	30.0	22.00	3	1000	17.66	500	175	12.30	110.00	3.100	3100

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



## RECIPROCATING 3 To 30 HP Multi Stage High Pressure

INDO-AIR Multi-stage, High Pressure Air Compressors are available in two & three stages in two cylinder & three cylinder versions.

Robust, overhung design crankshaft for reliability and easy maintenance, solid end connecting rods, highly thermal efficient inter cooling, totally reliable splash lubrication and balanced V-type construction for smooth vibration-free operation.

Cross head cylinders are used in case of the last stage small diameter piston for better support and to accommodate adequate Con Rod bushing.



### Multi Stage High Pressure Compressors (17 - 70.30 Kg/cm<sup>2</sup>)

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 261	3.0	2.20	2	675	5.30	150	500	35.15	7.60	0.210	210
IA 37T2	7.5	5.50	2	530	10.60	300	500	35.15	24.00	0.680	680
IA 37T2	10.0	7.50	2	710	10.60	300	500	35.15	32.25	0.920	920
IA 37T2	12.5	9.30	2	800	10.60	300	500	35.15	36.36	1.030	1030
IA 45T2	15.0	11.00	3	760	17.66	500	500	35.15	41.80	1.180	1180
IA 45T2	15.0	11.00	3	650	17.66	500	1000	70.30	35.75	1.010	1010
IA 45T2	20.0	15.00	3	900	17.66	500	500	35.15	49.50	1.400	1400
IA 45T2	20.0	15.00	3	900	17.66	500	600	42.18	49.50	1.400	1400
IA 45T2	20.0	15.00	3	900	17.66	500	800	56.25	49.50	1.400	1400
IA 45T2	20.0	15.00	3	875	17.66	500	1000	70.30	48.00	1.360	1360
IA 45T2TWIN	20+20	15+15	3+3	900	17.66	500	500	35.15	99.00	2.800	2800
IA 505T2	15.0	11.00	3	600	17.66	500	375	26.36	55.00	1.560	1560
IA 505T2	20.0	15.00	3	750	17.66	500	375	26.36	68.00	1.930	1930
IA505T2	25.0	18.00	3	900	17.66	500	375	26.36	81.80	2.310	2310
IA 505T2WIN	20+20	15+15	3+3	750	17.66	500	375	26.36	136.00	3.860	3860
IA 505TK	20.0	15.00	3	650	17.66	500	425	30.00	68.00	1.926	1926
IA 505TK	25.0	18.00	3	800	17.66	500	425	30.00	85.00	2.407	2407
IA 505TK	30.0	22.00	3	900	17.66	500	425	30.00	99.00	2.804	2804

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