

High Pressure Aircooled Reciprocating Air Compressors

Packaging Customer Value
Through
High Pressure Solutions



Ingersoll Rand Industrial Technologies provides products, services and solutions that enhance our customers' energy efficiency, productivity and operations. Our diverse and innovative products range from complete compressed air systems, tools and pumps to material and fluid handling systems and environmentally friendly microturbines. We also enhance productivity through solutions created by Club Car®, the global leader in golf and utility vehicles for businesses and individuals.

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Dependable Type 30® Air Compressors Designed Specifically for High Pressure Operation.

Ingersoll Rand's Type 30 range of reciprocating air compressors have been outperforming the competition for 75 years. Our high pressure version is no different.

These air-cooled, multi-stage, splash-lubricated air compressors are available from 3hp - 20hp and are designed for applications requiring high pressure air from 300 psig to 6,000 psig.

Type-30 high pressure air compressors are simplistic in design, providing superior reliability and enhanced serviceability.

These compressors have extra heavy duty components and are designed for maximum performance and minimum maintenance.

When performance is defined by maximum operating pressure, increased air flow, and extended duty cycles, Type-30 high pressure is the product of choice.

Standard Scope of Supply (Standard Package) Base plate mounted units

- Heavy duty cast iron pump
- Oil level sight glass
- Interstage safety valves and pressure gauges
- Discharge check valve & safety valve
- Manual drain valves on interstage drain legs
- Efficient TEFC electric motor, IP54, 1.15 S.F
- Rugged steel baseplate
- Enclosed wired beltguard
- Vee-belt drive(single piece pulley)
- High pressure, pressure switch (supplied loose)
- Magnetic starter (supplied loose)
 - Direct-on-line for 15hp & below
 - Star-delta with solenoid valve for 20hp
- Factory filled XL740HT synthetic lubricant



231XB3/35



7T2XB10/35

Optional Accessories

- Low oil level shutdown switch
- Auto condensate drain valve

Re-designed for continuous duty operation, the Type-30 "PETAIR" multi-stage high pressure air compressor is perfectly suited for PET blowing applications, such as single-step injection blow molding or small two-step reheat blow molding processes (used for blowing plastic bottles, jars, containers etc).

Standard Scope of Supply (PETAIR) Base plate mounted units

- Heavy duty cast iron pump
- Oil level sight glass
- Interstage safety valves and pressure gauges
- Discharge check valve & safety valve
- Manual drain valve on interstage drain legs
- Efficient TEFC electric motor, IP54, 1.15 S.F
- High air temperature shutdown switch
- Inlet solenoid valve for constant speed control
- Rugged steel baseplate
- Enclosed wired beltguard
- Vee-belt drive(single piece pulley)
- High pressure, pressure switch (supplied loose)
- 15hp, direct-on-line magnetic starter (supplied loose)
- Factory filled XL740HT synthetic lubricant



PA-15/30

Specifications - Standard Package

Model	Horsepower		Speed RPM	Max Pressure psig	Piston Displacement		Free Air Delivery		No of Cylinder	Compression Stage	Dimension L x W x H (mm)	Weight KGS
	HP	KW			cfm	m ³ /min	cfm	m ³ /min				
231XB3/35	3	2.2	660	500	7.4	0.21	4.8	0.14	2	2	908x540x590	165
223XB5/211	5.5	4.1	985	3000	11.1	0.31	5.2	0.15	2	2	908x540x590	205
7T4XB5/70	5.5	4.1	800	1000	13.1	0.37	6.2	0.18	2	2	1260x950x800	295
7T2XB7/35	7.5	5.5	580	500	26.4	0.75	15.7	0.45	2	2	1260x950x800	321
7T2XB10/35	10	7.5	800	500	36.4	1.03	21.6	0.62	2	2	1260x950x800	325
PA-15/30	15	11	900	425	49.5	1.40	37.7	1.07	3	3	1400x1030x860	473
15T2XB15/35	15	11	900	500	49.5	1.40	37.7	1.07	3	3	1400x1030x860	473
15T2XB15/55	15	11	785	800	43.1	1.23	32.3	0.92	3	3	1400x1030x860	473
15T2XB15/70	15	11	725	1000	39.8	1.13	29.7	0.85	3	3	1400x1030x860	473

Reference Conditions: Inlet Pressure - 1 bar, temperature 20 deg C.

* double-acting cylinder 1st & 2nd stage