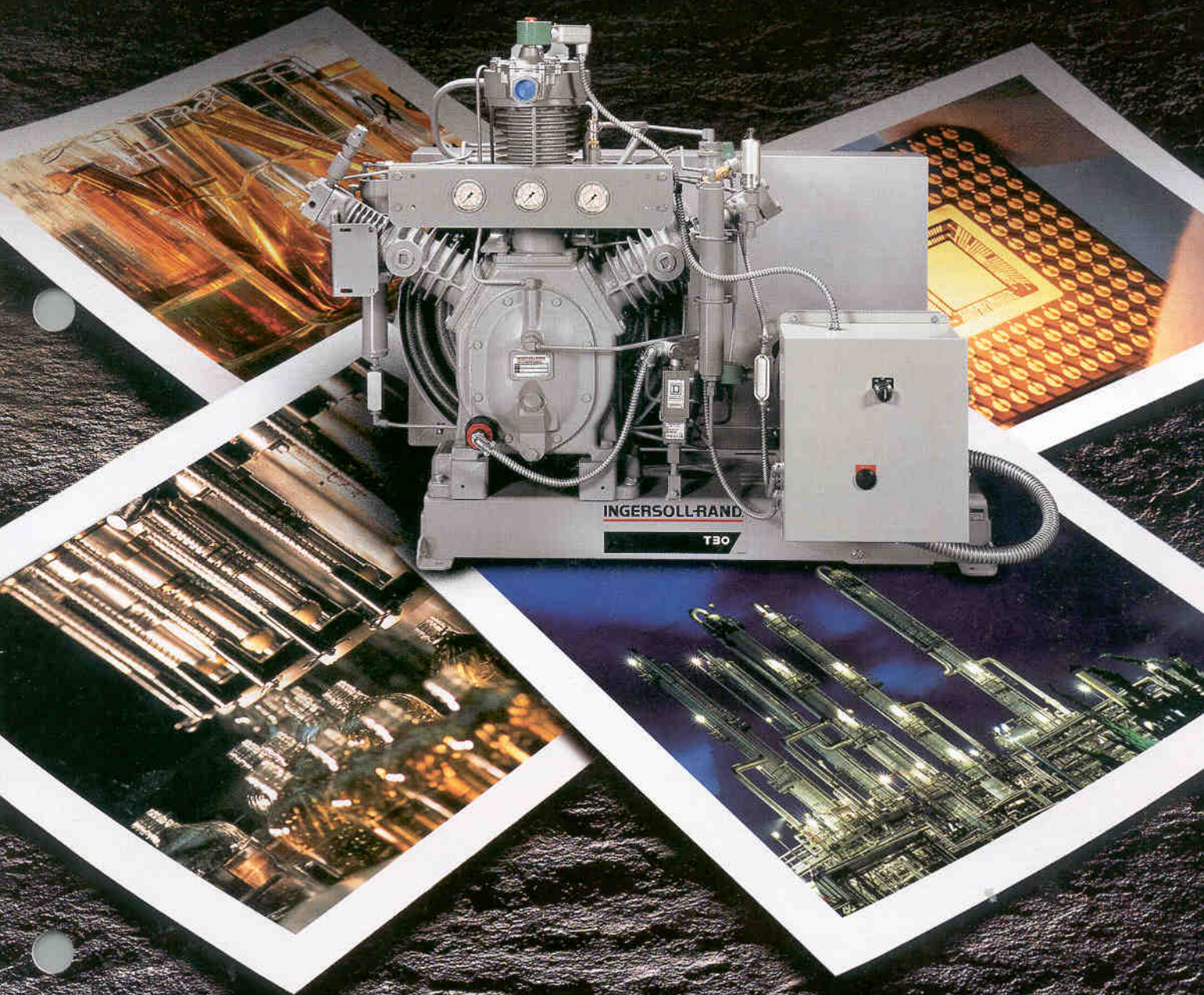


INGERSOLL-RAND

High Pressure Reciprocating Air Compressors

300-5000 PSIG



INGERSOLL-RAND
AIR COMPRESSORS



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

Ingersoll-Rand's Type 30 range of reciprocating compressors has been outperforming the competition for 70 years. Our high pressure version is no different.

These air-cooled, multi-stage, splash-lubricated air compressors are designed for applications requiring high-pressure air from 300 PSIG to 5000 PSIG.

Standard Features

Cast Iron Construction—Cylinders and Frame are designed with 100% cast iron for durability and long life.

Cylinders—Separately cast cylinders with deep fins allow for 360-degree cooling, removing the heat of compression. Individual bolting of the cylinders to the frame facilitates inspection and maintenance.

Intercoolers—are located directly in the fly-wheel air blast.

Centrifugal Unloader— Automatically releases air from the intercooler and cylinders, preventing the compressor from starting against full load.

Aircooled Aftercooler—Aircooled aftercooler lowers discharge air temperature.

Automatic Condensate System—

Automatic condensate drain is supplied on the discharge separator/drain leg to automatically drain condensate when the compressor stops or unloads during constant speed control operation, or when the timer and solenoid valve interrupts the control air pressure during extended run times.

Base—Heavy steel construction includes a provision for motor movement to facilitate easy “V” belt tightening.

Flywheel—The flywheel fan produces a “cyclone” air blast to cool the deep-finned cylinders, intercoolers and aftercooler.

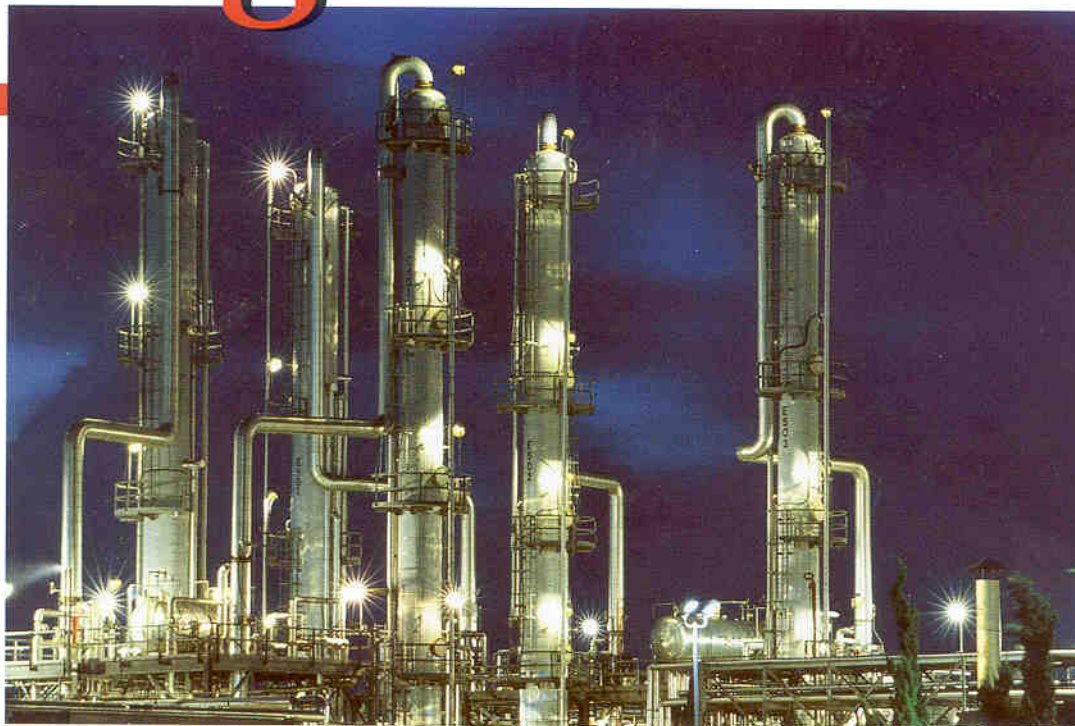
Drive—The “V” belt drive, with totally enclosed belt guard, offers smooth operation in a low-cost package.

Motor—The motor is a NEMA frame, drip-proof design, 1800 RPM and a full 1.15 service factor. Other popular enclosures are also available.

Regulation—For complete operator control all models have dual control as standard, except Model 223 which has automatic start and stop control.

“Full-Time” Low Oil Level Switch—This switch is standard on all models to protect the compressor against low oil levels. The compressor and motor are shut down when oil levels become unsafe and cannot be restarted until oil is added.

High Pressure



High Pressure Air-Cooled Air Compressors 2-20 HP/ 300-5000 PSIG

MODEL	PSIG MAX.	HP	RPM	ACFM @ MAX. PSIG	PKG.	NET WT (LB.)	STAGE	CYLINDERS	CONTROLS	PRIORITY VALVE**
					DIMENSIONS (LXWXH) in inches					
231	500	2	660	4.8	38x22x21	325	2	2	DUAL	N/A
7T2	500	10	800	21.6	51x26x30	700	2	2	DUAL	N/A
15T2	500	15	900	37.7	55x34x34	900	3	3	DUAL	N/A
15T2	800	10	555	22.9	55x34x34	825	3	3	DUAL	N/A
15T2	1000	15	750	30.8	55x34x34	900	3	3	DUAL	N/A
7T4	1000	5	800	6.2	48x27x31	700	2	2	DUAL	N/A
223	3000	5	985	5.2	42x22x28	450	3	2*	AS&S	OPTIONAL
15T4	3500	10	630	13.5	58x29x43	940	4	3*	DUAL	OPTIONAL
15T4	3500	15	890	19.0	58x29x43	940	4	3*	DUAL	OPTIONAL
15T4	3500	20	1000	21.4	58x29x43	1200	4	3*	DUAL	OPTIONAL
H15T4	5000	10	630	13.2	58x29x43	940	4	3*	DUAL	OPTIONAL
H15T4	5000	15	890	18.6	58x29x43	940	4	3*	DUAL	OPTIONAL
H15T4	5000	20	1000	20.9	58x29x43	1200	4	3*	DUAL	OPTIONAL

*Double-acting cylinder 1st and 2nd stage

All Units Standard with Aircooled Aftercooler; Discharge Separator/Drain Leg; Auto Condensate Drain System; Timer & Solenoid Valve; Centrifugal Unloader, and LOLS

**Also known as a back pressure regulator, this valve holds pressure in the final stage of compression to ensure enough pressure is present in the cylinder to prevent oil carryover at start-up. The priority valve should be set at 10% below normal compressor discharge pressure.



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Ingersoll-Rand air compressors are not designed, intended or approved for breathing air. Compressed air should not be used for breathing air applications unless treated in accordance with all applicable codes and regulations.

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INGERSOLL-RAND
AIR COMPRESSORS

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