

Evolution™

Reciprocating Air Compressors

Ingersoll Rand - Evolution™

A leader in its class since 1929

The Ingersoll Rand Evolution™ has been the leader in its class since it was introduced in 1929. Whether this is measured by reliability, efficiency, rugged flexibility or maintainability, it has no equal. Designed for heavy industrial applications, the two stage reciprocating air compressors provide the quality and performance that exceed customer requirements.

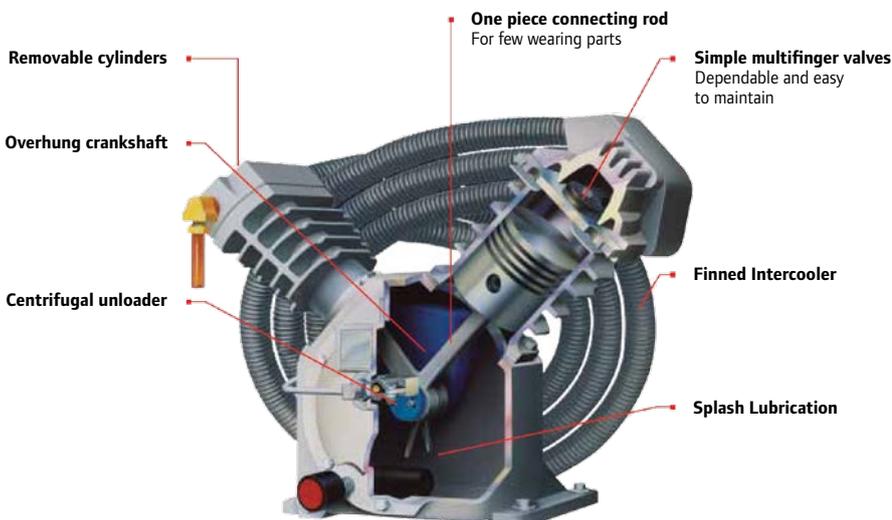
Others may claim to handle heavy duty applications, but the Evolution™ defines the concept. Run it in the most demanding intermediate duty application imaginable. The Evolution™ unique and ideal to meet your demands of a compressor package in the 3-30 HP range.

After all, we've been doing this for over 100 years!



The Inside Story

A two-stage model (1) compresses air to an intermediate pressure in the first stage, (2) removes heat of compression through an intercooler, and (3) compresses air to a final pressure in a second compression stage. Two-stage compressors are more efficient and are generally used for pressures above 100 PSI (maximum pressure to 175 PSI).



No other Reciprocating Compressor offers these efficient, cost-saving features:

A durable cast iron pump which provides 15,000+ hours of trouble-free service

A 100% copper finned intercooler lowers operating temperatures and extends pump life

An overhung crankshaft and single-piece connecting rod allow access to the running gear for easy maintenance

Individually cast cylinders provide flexible, less expensive maintenance on just one cylinder at a time rather than servicing the entire pump

S T A T I O N A R Y

Electric-Driven Two Stage – Air Cooled

Designed for heavy shop or industrial use, Ingersoll Rand Two-Stage electric air compressors provide the quality and performance that are ideal for most applications and users, including: automotive service and body shops; fleet maintenance; machine shops; production and manufacturing lines; construction; wood working shops; dry cleaners; car washes; maintenance/repair shops and farms.



- Durable cast-iron, two-stage design offers extended pump life for years of trouble-free service
- 175 PSI maximum operating pressure
- 100% continuous duty for tough applications
- Automatic start/stop control/pressure switch operation
- Includes motor starter, oil sight glass (10-15 HP only), manual drain

Model	RPM	Max Pressure in psig	Mounting	Motor HP	Starter Type	CFM	Control
N 2340F 3	1000	175	F Tank - 150 Litre	3.0	DOL	8.65	ASSC
N 2475C 5	866	175	C Tank - 225 Litre	5.0	DOL	13.99	ASSC
N 2475C 7.5	1100	175	C Tank - 225 Litre	7.5	DOL	17.77	ASSC
N 2545D 10	950	175	D Tank- 300 Litre	10.0	DOL	30.00	ASSC
N 2545E 10	950	175	E Tank - 500 Litre	10.0	DOL	30.00	CSC
N 2545E 12.5	1050	175	E Tank - 500 Litre	12.5	ASD	35.00	ASSC
N 7100E 15	1000	125	E Tank - 500 Litre	15.0	ASD	42.91	ASSC

S T A T I O N A R Y

Electric-Driven Two & Three Stage – High Pressure

Ingersoll Rand multi-stage high pressure air compressors are designed for high pressure applications. These compressors have extra heavy-duty components and are designed for minimum maintenance and maximum performance. High pressure air compressors are widely used in power generation plant, PET blow moulding industry, military, diving and component testing.



- Durable cast-iron with two, three and four stage design
- Intermediate duty applications
- Extended pump life for years of trouble-free service

Model	RPM	Pressure in psig	Mounting	Motor HP	Starter Type	CFM	Control
N 15T 350 PSIG	800	350	E Tank - 500 Litre	20 (SF1.2)	ASD	50.0	ASSC
N 15T2 Pet-Duplex	900	500	E Tank - 500 Litre	20	ASD	75.4	CSC



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