

Duplex Reciprocating Air Compressors



Ingersoll-Rand
Air Solutions Group

Imagine having the peace of mind of having two Ingersoll-Rand compressors in one neat, space-saving package. Ingersoll-Rand's duplex compressors offer two individual compressor pumps and motors mounted on a single unit providing 100% built-in backup or additional air for those larger capacity jobs. The duplex is also ideal in applications where available power does not allow a single larger compressor. So, when you need compressed air, you'll always have it. You can depend on it.

Standard Features Duplex Reciprocating

- Durable 100% cast iron construction
- Two-stage design providing 175 psig operation
- Twenty-four hour continuous-duty design
- Alternator panel, aircooled aftercooler, automatic drain valve and auto start/stop control included as standard on 5-10 HP value packages. Available as options on all other packages
- Dual control regulation (10HP and above)
- Centrifugal Unloader (10HP and above)
- Low oil level shutdown switch (10 HP and above)
- ASME receiver tank
- Fully assembled
- All units are prewired and thoroughly tested prior to shipment
- Splash lubrication
- Meets OSHA standards
- UL/CSA/ASME compliant
- Available options include low oil level shutdown switch, electric drain valve, aircooled aftercooler, combination or non-combination alternator control panel
- Totally enclosed belt guard



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

Separately Cast Cylinders—Deep fins allow for 360° cooling, removing the heat of compression. Individual bolting of the cylinders to the frame facilitates inspection and maintenance.

Efficient Splash Lubrication—Simple and reliable. Does not require oil pump, so it is inexpensive and easy to maintain.

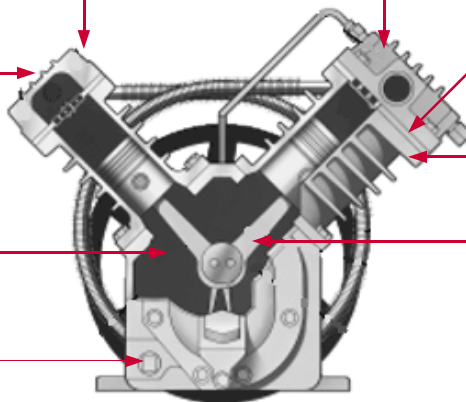
Low Oil Level Protection—The low oil level switch protects the pump from operating without proper lubrication. (Optional on models 2340 and 2475. Not available on 2-2340E5)

Two-Stage Design—Provides 175 PSIG operation

High Performance Piston Rings—Each piston is equipped with (2) compressor rings and (2) oil control rings to maintain maximum operating efficiency and low oil carryover.

Durable Stainless Steel Valves—Valves are readily accessible and inexpensively replaced if necessary.

One-Piece Connecting Rods—One-piece design permits precision aligned machining of both crankpin and piston bearings resulting in longer bearing life. Also allows for simple maintenance—no bolts to come loose or adjust.



LEGENDARY CLASSIC T30

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Technical Specifications

Model	Motor (HP)	Receiver (Gal)	Capacity (ACFM)	Max Pressure (PSIG)	Package Dimensions L W x H (in)	Net Weight (lbs)
2-2340D2	2	80H	13.6	175	70 x 44 x 43	700
2-2340D3	3	80H	18	175	70 x 44 x 43	700
2-2340E5	5	120H	29.4	175	72 x 44 x 52	1100
2-2475D5	5	80H	33.6	175	66 x 45 x 46	950
2-2475E5	5	120H	33.6	175	72 x 45 x 53	1300
2-2475E7.5	7.5	120H	48	175	72 x 45 x 53	1350
2-2545E7.5	7.5	120H	53.2	175	76 x 47 x 57	1560
2-2545A7.5	7.5	240H	53.2	175	35 x 46 x 62	1885
2-2545E10	10	120H	70	175	76 x 47 x 57	1560
2-2545A10	10	240H	70	175	85 x 46 x 62	1885
2-7100E10	10	120H	73.2	175	76 x 51 x 62	1960
2-7100A10	10	240H	73.2	175	85 x 50 x 67	2285
2-7100E15	15	120H	100	175	76 x 51 x 62	1960
2-7100A15	15	240H	100	175	85 x 50 x 67	2285
2-2000A20	20	240H	144	175	95 x 67 x 71	3381
2-2000A25	25	240H	170.2	175	95 x 67 x 71	3381
2-2000A30	30	240H	200	175	95 x 67 x 71	3381

Available in 3 phase. The 2HP, 3HP, and 5HP are also available in 230/1. The 2475 7.5HP duplex is not available in 230/1. For 7.5 HP 230/1 duplex applications, most use the 2545 duplex offering.



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