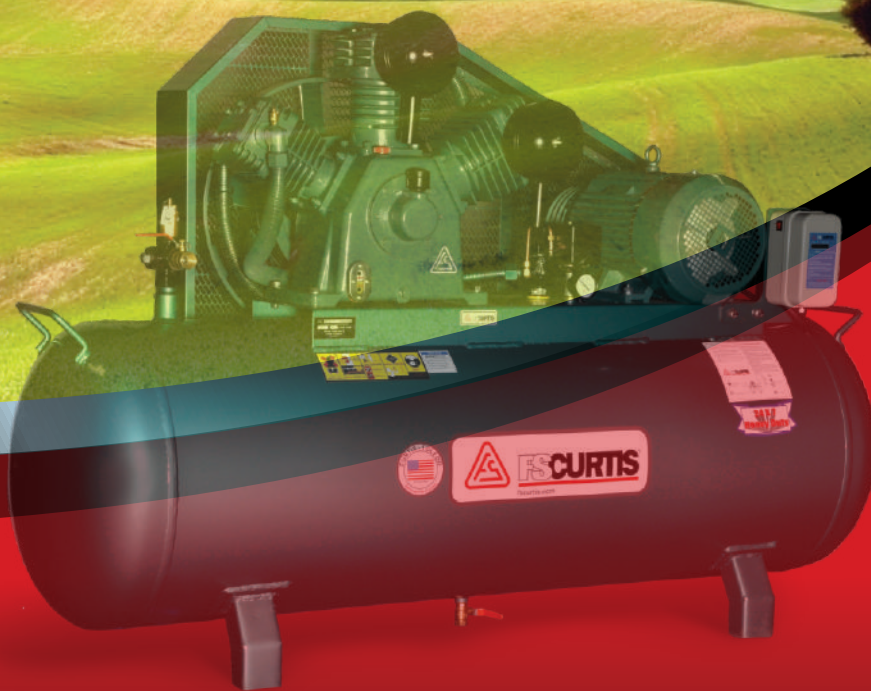
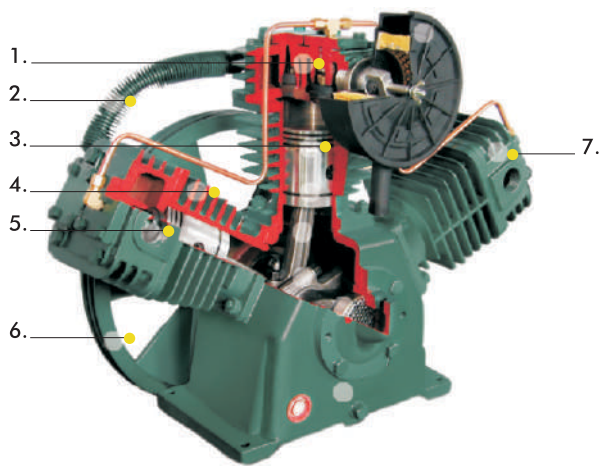




A Series  
Reciprocating Air Compressors





1. Valve Assembly
- All units use large disc-type valves made from swedish steel for high efficiency and long durability.
2. After Cooler
- The copper tube is fitted with high-efficiency cooling fins that effectively reduce gas working temperature and increase air compression efficiency.
3. Rings
- Long life industrial design compression and oil control rings are used to assure maximum performance
4. Long-Life Cylinder
- Precision-machined cylinder walls are honed glass-smooth to reduce friction and wear to a minimum. Extra-deep fins provide increased cooling and greater strength.
5. Continuous Running Unloader
- For continuous-running air compressors. Unloader lets the unit idle load-free until air supply drops to cut-in pressure; automatically lets unit idle again after high pressure limit is reached. (Tubing and fittings are not included on bare pumps)
6. Balanced Fan-Type Flywheel
- Airfoil-type spike provides a continuous powerful blast of cooling air for all parts of the compressor. Balanced flywheel provides smooth vibration less operation.
7. Cool Cylinder Head
- Deep directional fins provide quick cooling. Compact streamlined air passages in the cylinder head permit fast, efficient flow of cooler intake and rapid removal of discharge air.

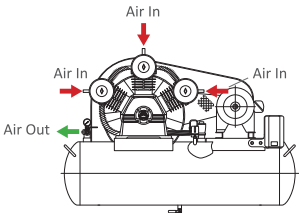
Technical Specifications

| Single Stage         |           |      |      |      |      |      |      |      |      |       |       | Two Stage |       |       |       |        |       |        |        |        |
|----------------------|-----------|------|------|------|------|------|------|------|------|-------|-------|-----------|-------|-------|-------|--------|-------|--------|--------|--------|
| Model                |           | VA10 | VA20 | TA20 | TA30 | VA40 | VA50 | TA50 | VA75 | TA100 | TA150 | HVA10     | HTA20 | HTA30 | HTA50 | HTA75i | HTA75 | HTA100 | HTA150 | HTA200 |
| Power                | HP        | 1    | 2    | 2    | 3    | 4    | 5    | 5    | 7.5  | 10    | 15    | 1         | 2     | 3     | 5     | 7.5    | 7.5   | 10     | 15     | 20     |
| Piston Displacement# | CFM       | 5    | 9.3  | 11   | 16.5 | 20   | 22   | 28   | 37   | 52    | 77    | 3.9       | 9     | 11    | 20    | 25     | 26    | 36     | 55     | 70     |
| Free Air Delivery    | CFM       | 3    | 5.8  | 6    | 9    | 13   | 16.5 | 19   | 24   | 35    | 53    | 2.8       | 6     | 8     | 16    | 20     | 21    | 28     | 43     | 55     |
| Pressure             | bar (g)   | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8     | 8     | 12        | 12    | 12    | 12    | 12     | 12    | 12     | 12     | 10     |
| Tank                 | Liter     | 100  | 100  | 100  | 160  | 200  | 250  | 250  | 250  | 420   | 500   | 100       | 160   | 160   | 250   | 250    | 250   | 420    | 500    | 500    |
| No of Cylinders      | 1st stage | 2    | 2    | 3    | 3    | 2    | 2    | 3    | 2    | 3     | 3     | 1         | 2     | 2     | 2     | 2      | 2     | 2      | 2      | 2      |
|                      | 2nd stage | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA    | NA    | 1         | 1     | 1     | 1     | 1      | 1     | 1      | 1      | 1      |
| Dimensions           | mm        | L    | 1160 | 1160 | 1160 | 1450 | 1410 | 1480 | 1480 | 1480  | 1860  | 1160      | 1450  | 1450  | 1480  | 1480   | 1480  | 1860   | 1740   | 1740   |
|                      |           | W    | 418  | 418  | 418  | 420  | 470  | 530  | 540  | 570   | 620   | 418       | 390   | 420   | 520   | 525    | 610   | 635    | 780    | 780    |
|                      |           | H    | 517  | 517  | 830  | 880  | 880  | 1040 | 1050 | 1100  | 1290  | 517       | 790   | 920   | 1010  | 1092   | 1200  | 1225   | 1385   | 1385   |
| Weight               | kg        | 101  | 110  | 114  | 170  | 181  | 220  | 225  | 278  | 395   | 516   | 112       | 145   | 175   | 235   | 250    | 339   | 363    | 515    | 550    |

# Compressors tested as per IS 5456 latest edition: Code for testing performance of positive displacement type air compressors

Options

- Wheel mounted compressor on tank
- Base mounted compressor
- Special application compressor
- Compressor with non-standard tanks





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