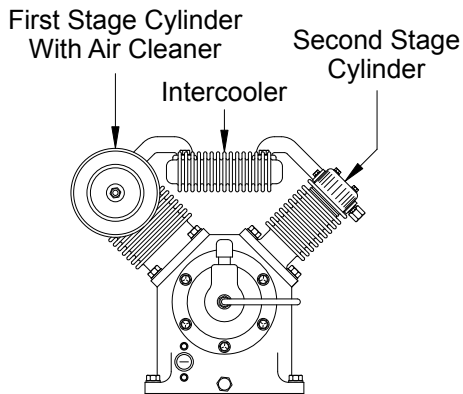


Technical Bulletin

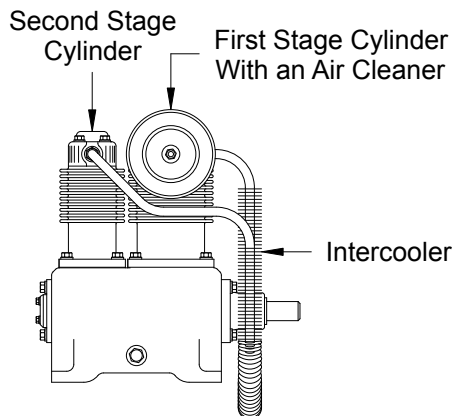
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Identifying Two-Stage Air Compressors

"V" Pumps

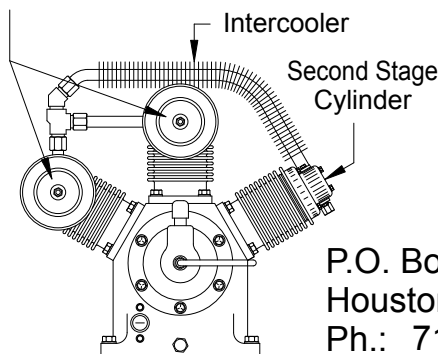


In-Line Pumps



Three Cylinder Pumps

First Stage Cylinders (2)
Each with an Air Cleaner



P.O. Box 35984
Houston, Texas 77235
Ph.: 713-721-9619
Fax.: 713-721-1931

Two Stage Pumps

- If your compressor is 7.5 HP or larger it is probably a two stage unit.
- Two stage pumps will generally have 2 or 4 cylinders.
- Cylinders are two noticeably different sizes.
- The large cylinder(s) (first stage) will feed the small cylinder(s) (second stage) through an intercooler.
- Air Cleaner(s) will be mounted only on the first stage cylinder(s).

Common Configurations

- V Type Pumps (upper left)
- In-Line Pumps (middle left)
- Three Cylinder pumps (lower left).

Please Note:

Not all multi cylinder pumps are two stage units. This is especially true for compressors less than five horsepower.

Three Cylinder Pumps

- 2 Stage configurations have air cleaners on 2 cylinders.
- These two cylinders act as the first stage and feed the third cylinder through an intercooler.
- All of the cylinders are the same size.

Please Note:

Three cylinder pumps can be configured for either single or two stage operation.

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