

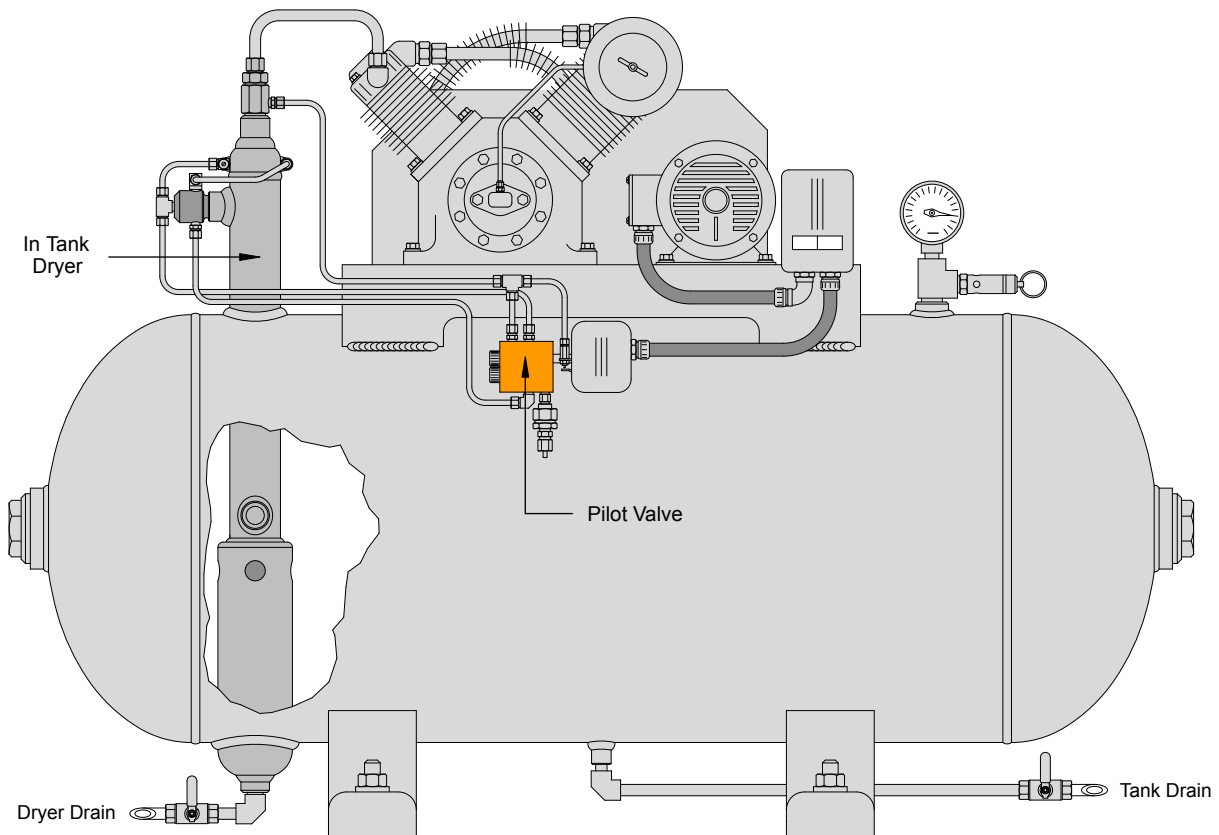
Technical Bulletin

In-Tank Dryers for OEM Applications

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For OEM applications it is possible to imbed an Air Options dryer into the compressor's receiver. This provides for a very clean, finished package. The Air Options dryer should be installed during the welded assembly process of the compressor tanks. These modifications do not represent a significant additional labor cost to the tank or the mechanical assembly of the compressor. The dryers may be added to existing tanks, but we recommend that they are installed during tank manufacturing.

The modifications to the tank consist of punching holes in the top and bottom of the vessel which correspond with the ODs of the dryers shell and trap and one on the side which corresponds with the coolant discharge port. The dryer is then welded in place at the top bottom of the receiver. A pipe is threaded into the coolant discharge port and is welded to the side hole. The refrigerator(s) fit in the normal location on the dryer and the pilot valve block is mounted to the tank.



P.O. Box 35984
Houston, Texas 77235
Ph.: 713-721-9619 Fax.: 713-726-1931
E.Mail: Info@Air-Options.com

AIR-OPTIONS, INC.

Affordable Solutions for Compressed Air