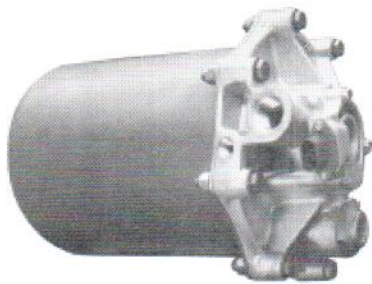


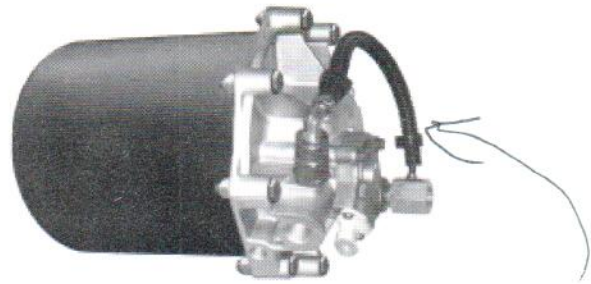


## PRODUCT INFORMATION BULLETIN

### QE & E Type Compressor Air Dryer Applications



065225  
AD-9 Air Dryer



065647  
AD-9 Air Dryer With Make up Line #50004571C

Not all AD-9 type air dryers are created equal.

The AD-9 type air dryer is undoubtedly one of the most popular and recognized air dryers in the market today, but do you know there are special models for certain applications. Specifically, vehicles using the Cummins/Holset "QE" model compressor use a special dryer. Designated by Bendix as a "Drop-in" model, these special dryers have an external "makeup line" and check valve.

The QE and "E" type compressor is designed to maintain air pressure at the head while running in the unloaded mode to control oil consumption. It is the function of the makeup line and check valve to provide that air. In the event that a non-QE compatible dryer is used to replace the proper unit, the following conditions will occur.....

- *Excessive oil consumption (oil pumping)*
- *Frequent dryer purging*
- *Loss of engine turbo pressure*

These symptoms will all disappear when the proper dryer for the application is used. There are several "QE compatible" dryers in the market. These include the "Drop In" versions of the AD-9, ADIP,

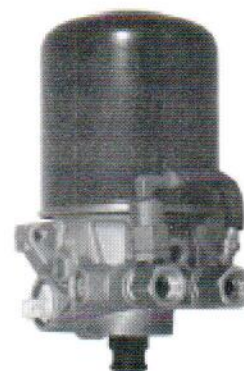
---



065647  
AD-9 Air Dryer



5000709  
AD-IP Air Dryer



800042  
AD-SP Air Dryer

---



R955207  
Wabco System Saver  
1200E



CR Turbo 2000 &  
Turbo 3000



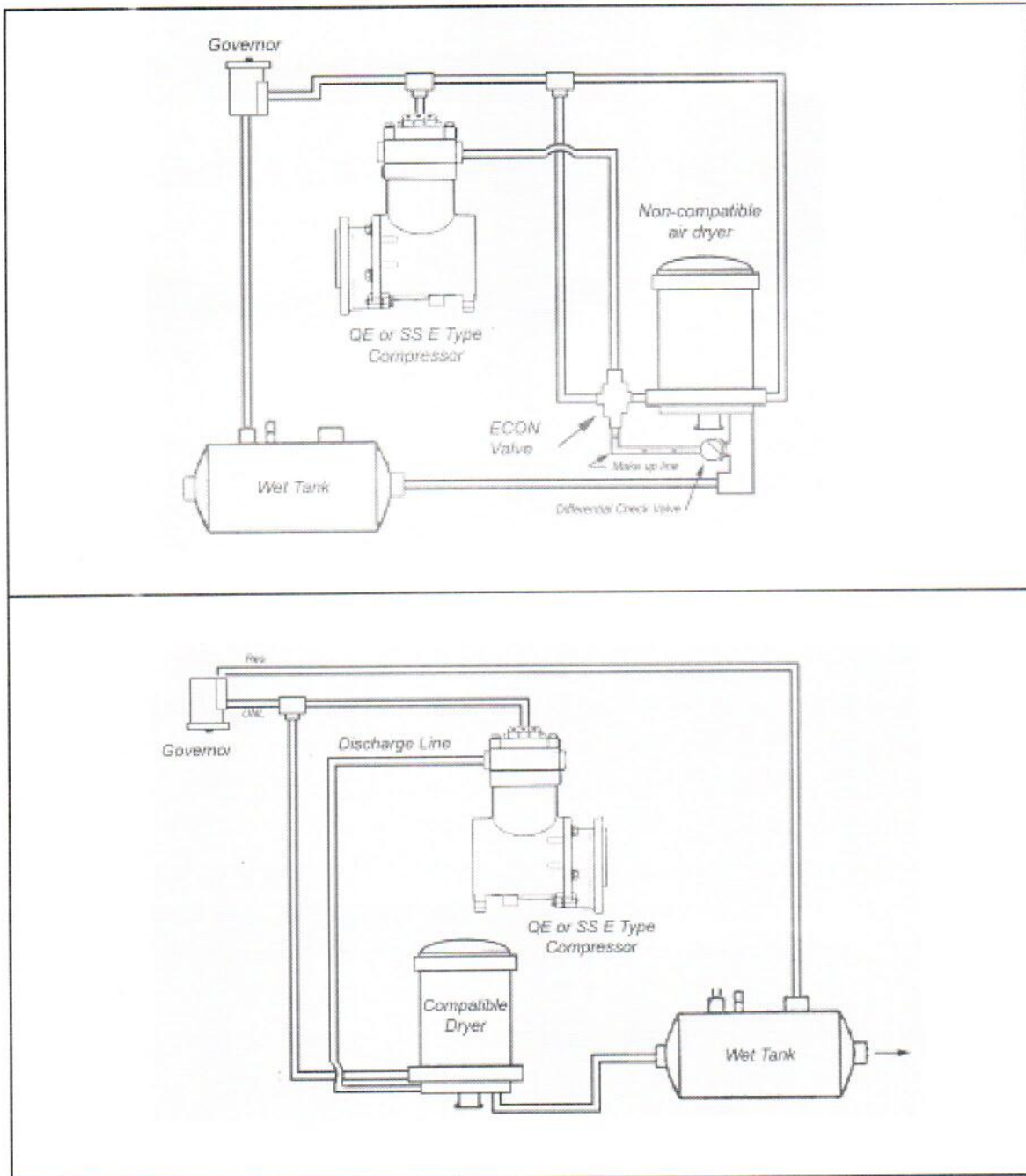
3558564  
KN23500  
ECON Valve

---

ADSP, as well as the WABCO System Saver 1200E, CR's Turbo 2000, Turbo 3000, Turbo-AC and the Anchorlok Condenser. If a non-compatible dryer is used, it must be used in conjunction with what is know as an ECON valve, that is a separate component that serves the same purpose as the makeup line and check valve in these afore mentioned units. The moral of this story is: Do yourself and your customer a favor and know the compressor application before you hand over a replacement dryer because not all AD-9 type dryers are created equal.

---

## Schematics



Questions? Need Help? Call our tech line at 1-800-325-2690