

Liquid Separators

For compressed air systems where excessive frost and solid contamination is a problem, choose Wilkerson Liquid Separators. Our unique design combines techniques of centrifugal and other mechanical separation processes (Impingement, Separation, and Flow and Stokes Law) to remove large quantities of liquid and solid contamination.

Typical applications include water separation downstream of aftercoolers, protection of desiccant and Twin Tower desiccant dryers downstream of air receivers and liquid/gas separation duties where a large volume of water and solids poses a problem.

Features

- High flow rate
- Less than 1" differential pressure.
- Lightweight cast aluminum housing with 1" to 3" connections (WSO).
- Cast zinc housing with 1/4" to 1" NPT connections.
- External surface epoxy painted for maximum corrosion protection.
- Ribbed bowl with provision for "C" spanner for easy removal (WSO).
- Standard equipment with quick disconnect bowls for ease of service (WSA).
- Three (3) different optional models of automatic drains available.

Operating Specifications — Separators & Drains

Maximum Operating Pressure 200 psig
Maximum Operating Temperature 150°F
Minimum Operating Temperature 35°F
Pressure Differential at Rated Flow 1.0 psid



Electrical Drain



D Dimension is Bowl Removal Clearance