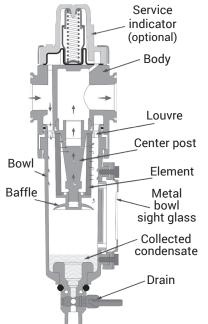
Data Sheet

Simple Filter Troubleshooting



General Purpose Filter



Malfunction	Possible cause	Remedy
Excessive pressure drop	Micron rating of element is too small. Filter is element blocked. Flow requirements are greater than the filter capacity.	Use larger micron element size for application. 1. Clean element (not coalescing element). 2. Replace with new element. Use larger filter.
Dirt passing through filter	The element seals are missing or defective. (N.B. Seals not required on some units). Element is damaged.	Replace seal. Tighten element. Replace element.
Water passing through filter	The water level in the bowl is above the baffle. Filter's flow capacity is exceeded.	Drain water. Maintain flow within capacity of filter or change to filter capable of handling desired flows.
Crazing of polycarbonate bowl or milky appearance	The bowl has been cleaned with incompatible fluid. The bowl is being used in an area containing fumes or vapors incompatible with polycarbonate. Compressor oil vapor may be causing problems. Air intake to the compressor may contain fumes or vapor incompatible with polycarbonate.	Replace the bowl. (Only clean with soap and warm water.) Replace the bowl. Remove the cause of the issue or switch to metal bowls from plastic ones. Replace the bowl.
Water beyond the filter	High temperature inlet air cools down downstream, and moisture condenses to water.	Install a dryer, pre-cool the air, or install a filter just before application.

Dixon

1 Dixon Sq., Chestertown, MD 21620 ph: 877.963.4966 • fx: 800.283.4966 dixonvalve.com