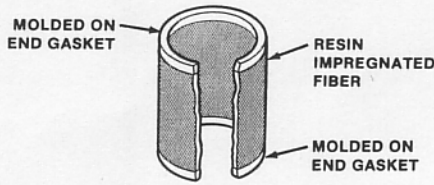


OPERATION

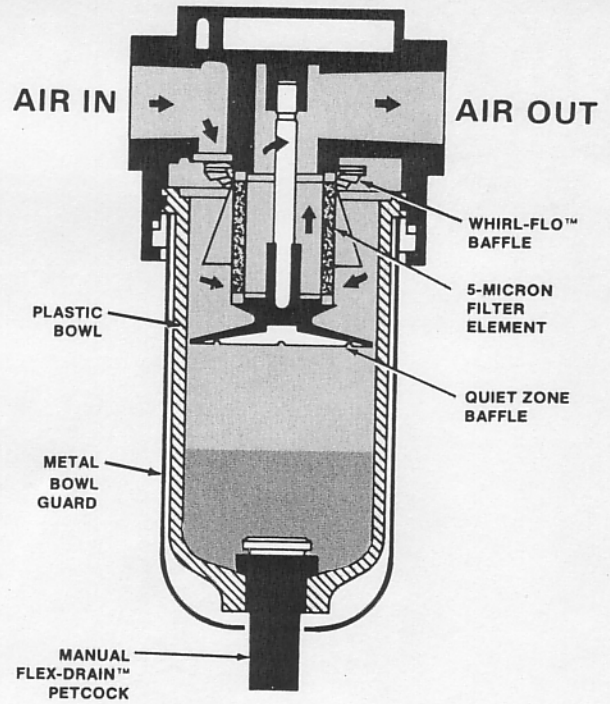
Type A Element

Wilkerson's high-performance standard particle filters are equipped with a 5-micron, impregnated fiber, reusable, element. These elements have gaskets molded permanently to each end to prevent air bypass and make element servicing foolproof. These elements have a greater ratio of air to filter media than other commonly used types which means they can hold a significant amount of contamination without suffering significant pressure loss.

Air enters through the inlet port and flows through the Whirl-Flo™ baffle. The baffle mechanically separates most of the contaminants before they reach the filter element. These contaminants migrate down past the quiet zone baffle which prevents contaminants, collected in the bowl, from reentering the air stream. The partially clean air now flows through the filter element where remaining particles larger than 5-micron are removed. Contaminants collected in the bowl can then be easily drained through the standard manual flexible drain or our optional automatic mechanical float drain.



TYPE A ELEMENT



PERFORMANCE CHARACTERISTICS

