

ABSTRACT

A fluid filtration assembly comprising a housing configured with one or more filter units extending in fluid flow between a raw fluid inlet port and a filtered fluid outlet port, a filter rinsing assembly being in fluid communication with a rinsing fluid inlet port, and propulsion fluid inlet port being in flow communication with a propulsion mechanism for propelling one or both of the filter rinsing assembly and the filter unit with respect to one another. Also there is disclosed a thread tensioning mechanism for controlling tension of coiled threads of a thread-type filtering cartridge.

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Figure 1.