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(54) Title: FLUID FILTER ARRANGEMENT INCLUDING VALVE ARRANGEMENT, FLUID LEVEL INDICATOR, AND METHODS THEREOF

(57) Abstract

A filter arrangement (20) for filtering fluid comprises a housing (22) and a valve arrangement (80). The housing includes an inlet (28), an outlet (20), and a draining aperture (31). The valve arrangement is constructed and arranged to move between a closed position and an open position without the use of threads. The closed position prevents evacuation of fluid from the housing through the draining aperture, and the open position permits evacuation of fluid from the housing through the draining aperture. One valve arrangement may include a pair of ports (84, 148) and a pair of air vents (110, 146). The valve is actuated by aligning the ports and air vents on a sliding sealing surface (92, 124). An indicator arrangement (210) including a float (230) and a clear window (232) is provided to give the user a visual indication of the level of water within the filter. Methods for using the constructions herein are provided.

