CLAIMS:

1. A filtration array comprising at least one filtering assembly comprising a pair of filter units, and a common manifold having an inlet port and an outlet port;

the inlet port configured for coupling to a main raw fluid supply line;

the outlet port configured for coupling to a main filtered fluid collecting line;

the at least one filtering assembly providing at least two filtration flow paths, each of which extending between said inlet port and outlet port, each at least two filtration flow paths passing through one filter units of a pair of filter units extending coaxially and opposite another said filter unit of a pair of filter units;

wherein said inlet port and said outlet port coextend along a common longitudinal axis and the at least one filtering assembly of the filtering array are disposed such that a longitudinal axis extending through a pair of filter units extends perpendicular to the common longitudinal axis, wherein each of the at least two filtration flow paths comprises a first portion that is parallel to the common longitudinal axis and a second portion that is perpendicular to the common longitudinal axis, wherein the one filter unit is located at the first portion and positioned perpendicularly thereto, whereby fluid flowing between said inlet port and said outlet port in each of the at least two filtration flow paths is subject to at least two turns.

2. A filtering assembly for mounting between a main raw fluid supply line and a main filtered fluid collecting line; said filtering assembly comprising two filter units coaxially extending from a common manifold,

said common manifold configured with an inlet port for providing flow communication with a main raw fluid supply line;

said common manifold configured with an outlet port for providing flow communication with the main filtered fluid collecting line,

wherein said inlet port and said outlet port coextend along a common longitudinal axis;

wherein said filter assembly providing at least two filtration flow paths, each of which extending between the inlet port and the outlet port and passing through a filter unit, wherein each of the at least two filtration flow paths comprises a first portion that is parallel to the common longitudinal axis and a second portion that is perpendicular to the common longitudinal axis, wherein the filter units is located at the first portion and positioned perpendicularly thereto, whereby fluid flowing between said inlet port and said outlet port in each of the at least two filtration flow paths is subject to at least two turns.

3. A filtration assembly according to claim 2, wherein each of the filter units comprising a plurality of parallelly disposed filter members.

4. A filtration array according to claim 1, wherein the main raw fluid supply line and the main filtered fluid collecting line extending substantially parallel to one another and defining a substantially vertical plane.

5. A filtration assembly according to claim 2, wherein the filtering assembly accommodates a manifold configured with an inlet port for coupling to one of a raw fluid main supply line and a main filtered fluid collecting line, and an outlet port for coupling to the other of the raw fluid main supply line and the main filtered fluid collecting line; said inlet port extending into an inlet chamber and said outlet port extending from an outlet chamber partitioned from said inlet chamber.

6. A filtration assembly according to claim 2, comprising a pair of support plates, each said support plate provided between the common manifold and one or another of said filter units, wherein the support plates are removably secured within the manifold such that the inlet chamber of the manifold is in flow communication with one side of each support plate which in turn is in flow communication with one side of the filtrating media of the filter members, and the outlet chamber of the manifold is in flow communication with another side of the support plate, which in turn is in flow communication another side of the filtrating media of the respective filter members.

7. A filtration array according to claim 6, wherein each filtering assembly comprises a pair of filter units configured as coaxial capsule-like housing shells, each filter unit accommodating a plurality of filter members disposed at a first orientation and a plurality of filter units disposed at an opposite orientation, however extending such that the longitudinal axis of all filter units are parallel to one another and intersecting a longitudinal axis of the filtration flow path. Accordingly, the two support plates extend coaxially facing one another, however at opposite senses.

8. A filtration assembly according to claim 7, wherein the capsule-like housing shells are detachably attached to the manifold, interconnecting therebetween a support plate, whereby removing a housing shell exposes the support plate with the articulated filtering members articulated thereto.

9. A filtration array according to claim 1, wherein a common longitudinal axis of the manifold extends in a plane defined by the main raw fluid supply line and the main filtered fluid collecting line and intersecting the longitudinal axis of the raw fluid supply line and of the main filtered fluid collecting line.

10. A filtration array according to claim 1, wherein the filtering assemblies of the filtering array are disposed such that a common longitudinal axis of the filter units extends perpendicular to the plain defined by and extending between the main raw fluid supply line and the main filtered fluid collecting line.

11. A filtration array according to claim 1, wherein the distance between two neighboring filtering assemblies is less than the axial length of a filter unit.

12. A filtration array according to claim 1, wherein the filtration flow path is configured with at least one coupling to a drain line, extending between the main raw fluid supply line and the manifold of said filtration flow path.