

Abstract

An ultraviolet liquid treatment apparatus comprises a tubular path (1) for passing therethrough liquid (P) to be treated, a light-transmissive lamp protecting pipe (4) provided within the tubular path (1) to contact the liquid (P) to be treated, and an ultraviolet lamp (5) accommodated in the lamp protecting pipe (4), wherein a ballast (8) for operating the ultraviolet lamp is placed in close proximity to an outer surface of the tubular path (1) in such a manner that heat can be radiated to said tubular path (1). Such arrangements allow the ballast (8) to be cooled by a cooling effect afforded by the liquid to be treated. A heat radiating medium (e.g., cooling liquid C) may be provided between the outer surface of the tubular path (1) and the ballast (8).



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