

ABSTRACT

An immersion type membrane module unit includes: an immersion type membrane module (2) for membrane separation activated sludge filtration; an extended wall (27) extending from a lower end of the membrane module (2) and surrounding a space downward of the membrane module (2); and a membrane aerating air diffusion device (8) disposed at one of a lower portion in the space and a position around and downward of the space and having a plurality of air diffusion holes arranged in a plane, and the membrane module (2) has separation membranes with gaps therebetween and the extended wall (27) receives bubbles output through the air diffusion holes and guides the bubbles to the gaps.