

ABSTRACT

This invention relates to the field of water valves and more particularly to a rod activated water valve for installation on any threaded water faucet, tap or threaded pipe with a filter screen to prevent any particle larger than the filter mesh from passing through the filter. This invention also relates to the field of water valves and more particularly to a rod activated water valve that allows a person to wash their hands and avoid touching faucet handles. In one embodiment a rod activated water valve is provided. This rod activated water valve is made of a valve base, a top end of the valve base being threaded on an outside surface for mating with a water faucet thread arrangement or pipe thread, a second end of the valve base having a threaded outside surface; a water flow chamber having a solid cylindrical outer surface, the water flow chamber having a substantially flat foraminous surface at one end, an aperture located substantially central to the flat foraminous surface having a lip on a top edge of the water flow chamber; a rod having a rod head at one end, the rod passing through the aperture and held within the aperture by the rod head; and a means for selectively blocking the flow of water from the water faucet to the water flow chamber and a water filter element forming a seal against the upper valve plate and the cylindrical valve.