

PROTOTYPE DESIGN COLLECTION

SERIES 1



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e-ISBN: 978-967-0033-07-5

First published, 30 September 2022

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PUBLISHED BY:

Pusat Pengajian Kejuruteraan Mekanikal,
Universiti Teknologi MARA Cawangan Johor,
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CHAPTER 4

Full-Body Sanitizing Machine

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PROJECT DESCRIPTION

A Full-Body Sanitizing machine is a machine that has equal length walls made with the welded metal frame as its entrance and exit that are both wide enough. This is to permit a person to step into the machine and pass through while being sprayed with a sanitization or disinfection liquid from above. This can be made possible by pumping liquid sanitizer through a reticulation pipe system and through an atomization nozzle. Then, a ventilation fan will operate to blow air into the machine thus introducing fresh air into the system. This will then decrease suffocation in the machine as it pushes liquid particles into the floor. The aim of this product is to promote a high level of hygiene in the public in order to reduce microbial infections that somehow made their way on your clothes and body surface. This will then drastically reduce the rate of fomite transmission.

Keywords: *Sanitization, Disinfection, Microbial Infection, Suffocation, fomite transmission*

PROTOTYPE



DESIGN PARAMETER

