

ANNEX A

Minimum water efficiency requirements for commercial equipment and water closet flush valves

Type of commercial equipment / water fitting	Major non-domestic users	Current water consumption range available**	Minimum water efficiency requirement from 1 Jan 2022	Estimated annual water savings achieved^
Dishwasher (undercounter and hood type only)	Café and coffee houses, F&B outlets, hospitals, hotels, restaurants	1.0L/rack to 3.4L/rack	≤2.4L/rack	~6%
Washer extractor (front and top load only)	Dormitories, hospitals, hotels, laundry companies, prisons, schools	3.9L/kg to 15.6L/kg	≤8.0L/kg	~5%
High pressure washer (for general cleaning of common areas)*	Cleaning companies (engaged by Town Councils, condominiums, etc)	6.0L/min to 15.5L/min	≤11.0L/min	~4%
Water closet flush valve	Public toilets in shopping malls, MRT stations, hawker centres, etc, and some non-domestic premises (e.g. schools, offices, commercial buildings)	≤3.5L per flush to 4.5L per flush	≤4.0L per flush (i.e. minimum 2-tick rating)	~15%

**The water efficiency requirements apply only to high pressure washers used for general cleaning of common areas of premises such as common areas of HDBs, condominiums, commercial buildings etc. It excludes those used for specialised cleaning and at industrial premises for specialised work.*

***Based on the list of existing models of commercial equipment and WC flush valves in Singapore.*

^Based on the comparison with average water consumption of existing models which do not meet the water efficiency requirements in Singapore.