

601.01 Water Efficient Fittings

For all new buildings:

A. Water-conserving fixtures must be installed meeting the criteria in Table 601.01 (1):

Table 601.01 (1)

Fixture Type	Maximum Flow Rate
Showerheads	8 Liters Per Minute
Hand wash basins	6 Liters Per Minute
Kitchen sinks	7 Liters per minute
Dual Flush Toilets	6 Liters Full flush, 3 Liters Part flush
Urinal	1 Liter per flush or waterless

B. Dual Flush toilets must be used.

C. Automatic (proximity detection) / push button faucets must be installed in all public facilities.

D. Cisterns serving single or multiple urinals in public, commercial, and industrial buildings must be fitted with manual or automatic flush controls that are responsive to usage patterns. Only sanitary flushing is acceptable during building closure or shutdown (including overnight); and

E. Faucets installed as a component of a specialized application may be exempt from the flow rates upon application to Dubai Municipality.

601.02 Condensate Drainage

For all buildings, including existing buildings, at all points where condensate is produced by the operation of air conditioning equipment, there must be a means of collecting and disposing of the water. Condensate collection pans and drainage pipes must be installed to prevent standing water and to provide drainage. A minimum air break of twenty five (25) mm must be provided between the condensate piping and the wastewater pipe. If the condensate is not to be reused, it must be discharged to the wastewater system through a properly sized water trap.

601.03 Condensate Recovery

For all new buildings with a cooling load equal to or greater than three fifty (350) kilowatt (kW), condensate water from all air conditioning equipment units handling outside air, or a mixture of return air and outside air where the outside air is not preconditioned, must be recovered and used for irrigation, toilet flushing, or other onsite purpose where it will not come into contact with the human body.

