

**ERRATA SHEET FOR ASHRAE Guideline 14-2023
Measurement of Energy, Demand, and Water Savings**

April 8, 2024

The corrections listed in this errata sheet apply to ASHRAE Guideline 14-2023. The first printing is identified on the outside back cover as “Product code: 86890 8/23”.

Page Erratum

51 **Table 7-2 Water Use Standard (SI).** Correct the water usage values for residential clothes washers and dishwashers in Table 7-2 (SI) as shown in the attached, highlighted in yellow.

Table 7-2 Water Use Standard (SI)

Item	Water Flow					Use								
	Std Pre-1990	Std	Energy Policy Act 1997	Low Post-2000	Unit ^a	Male Use	Female Use	Male Visitor Use	Female Visitor Use	Unit ^a	Cleaning	Unit ^a	Time (Minutes)	Units
Symbol		S	L	VL		M	F	MV	FV		C		T	
Sanitation														
Water closet tank type	17.03 ^b	13.25 ^b	6.06 ^b	3.79 ^b	LPF	1.0 ^c	3.0 ^c	0.1 ^c	0.5 ^c	FPDPP	1	FPD		
Water closet dual flush tank type (low flush)		6.06 ^b	4.16 ^b	3.03	LPF	1.0 ^c	2.0	0.1 ^c	0.5 ^c	FPDPP	1	FPD		
Water closet flush valve	17.03 ^b	13.25 ^b	6.06 ^b	3.79 ^b	LPF	1.0 ^c	3.0 ^c	0.1 ^c	0.5 ^c	FPDPP	1	FPD		
Water closet flush valve dual flush type (low flush)		6.06 ^b	4.16 ^b	3.03	LPF	1.0 ^c	2.0	0.1 ^c	0.5 ^c	FPDPP	1	FPD		
Urinal	13.25 ^b	5.68 ^b	3.79 ^b	0	LPF	2.0 ^c		0.4 ^c		FPDPP	1	FPD		
Urinal (high efficiency)		3.79	3.79 ^b	1.89	LPF	2.0 ^c		0.4 ^c		FPDPP	1	FPD		
Lavatory faucet (cold water [CW] only)	0.38 ^b	0.25 ^b	0.16 ^b	0.03 ^b	LPS	3.0 ^c	3.0 ^c	0.5 ^c	0.5 ^c	UPD	1.89	LPD	0.15 ^c	MPU
Lavatory faucet (tempered CW component)	0.19	0.13	0.08	0.02	LPS	3.0 ^c	3.0 ^c	0.5 ^c	0.5 ^c	UPD	1.89	LPD	0.15 ^c	MPU
Lavatory faucet automatic (CW only)		3.79	0.95 ^b	0.95 ^b	LPV	3.0 ^c	3.0 ^c	0.5 ^c	0.5 ^c	UPD	1.89	LPD	0.15 ^c	MPU
Lavatory faucet automatic (tempered CW component)		0.5	0.13	0.13	LPV	3.0 ^c	3.0 ^c	0.5 ^c	0.5 ^c	UPD	1.89	LPD	0.15 ^c	MPU
Sink faucet (CW only)	0.16	0.16	0.06	0.06	LPS	1.0 ^c	1.0 ^c			UPD	1.89	LPD	0.25 ^c	MPU
Sink Faucet (tempered)	0.08	0.08	0.03	0.03	LPS	1.0 ^c	1.0 ^c			UPD	1.89	LPD	0.25 ^c	MPU
Shower (CW only)	0.41 ^b	0.22 ^b	0.16 ^b	0.09 ^b	LPS	0.1 ^c	0.1 ^c			UPD	1.89	LPD	5.0 ^c	MPU
Shower (tempered)	0.21	0.11	0.08	0.05	LPS	0.1 ^c	0.1 ^c			UPD	1.89	LPD	5.0 ^c	MPU
Trap primer	15.14 ^d	1.89 ^c	1.89 ^c	1.89 ^c	LPD									
Hot Water														
Lavatory faucet (hot water HW) only)	0.38 ^b	0.25 ^b	0.16 ^b	0.03 ^b	LPS	3.0 ^c	3.0 ^c	0.5 ^c	0.5 ^c	UPD	1.89	LPD	0.15 ^c	MPU
Lavatory faucet (tempered HW component)	0.19	0.13	0.08	0.02	LPS	3.0 ^c	3.0 ^c	0.5 ^c	0.5 ^c	UPD	1.89	LPD	0.15 ^c	MPU
Lavatory faucet automatic (tempered HW component)		0.5	0.13	0.13	LPV	3.0 ^c	3.0 ^c	0.5 ^c	0.5 ^c	UPD	1.89	LPD	0.15 ^c	MPU
Sink faucet (HW only)	0.16	0.16	0.06	0.06	LPS	1.0 ^c	1.0 ^c			UPD	1.89	LPD	0.25 ^c	MPU

Sink faucet (tempered HW component)	0.08	0.08	0.03	0.03	LPS	1.0 ^c	1.0 ^c			UPD	1.89	LPD	0.25 ^c	MPU
Shower	0.41 ^b	0.22 ^b	0.16 ^b	0.09 ^b	LPS	0.1 ^c	0.1 ^c			UPD	1.89	LPD	5.0 ^c	MPU
Shower (tempered HW component)	0.21	0.11	0.08	0.05	LPS	0.1 ^c	0.1 ^c			UPD	1.89	LPD	5.0 ^c	MPU
Clothes washer (residential)		189	170	94.6	LPU	1.0	1.0			UPD				
Dishwasher (residential)		49.2	49.2	22.7	LPU	0.2	0.2			UPD				