

No.43, 4th Floor, PMR Tower, Beratena Agrahara, Near Hosa Road junction, Bangalore, Karnataka 560100



# CERTIFICATE OF LISTING

IAPMO Plumbing Codes and Standards India Private Ltd. (aka IAPMO India) is a product certification body which lists and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or quarantee by IAPMO India of the product acceptance by Authorities Having Jurisdiction.

Licensee: Hindware Limited, No. 301-302, 3<sup>rd</sup> Floor, Park Centra, Sector 30, N.H-8, Gurgaon, Haryana, India 122001
File No: IN-W-1006 Product: Dual Flush Water Closets Void After: January 31, 2025

#### **IDENTIFICATION:**

The manufacturer's name or registered trademark, or, in the case of private labeling, the name of the customer for whom the fixture was manufactured, shall be permanently applied so as to be legible, readily identified, and located so as to be visible after installation. The model number of each water closet, or bowl and tank model numbers in the case of close-coupled water closets, shall be applied on each component so as to be legible and visible after installation.

Each water closet shall be marked, identifying the water consumption of the fixture. This disclosure shall be expressed in terms of liters per flush as follows:

- (a) 4.8 Lpf, or the actual tested water consumption, if lower, for high-efficiency water closets;
- (b) 6.0 Lpf, or the actual tested water consumption, if lower, for low consumption water closets.

Each Gravity flush tank shall be permanently marked by the manufacturer with a water level mark, or with the information necessary to determine the water level in the tank needed to deliver the intended flush volume. This mark shall be applied to the vitreous body in the tank, the tank liner, or the flush-valve overflow tube. The vertical distance between the water level mark and the lowest point of the tank overflow channel shall not exceed 38 mm.

#### Water closet tanks shall have a label indicating at least the following:

- (a) the telephone number of a service department from which end-users can obtain replacement parts;
- (b) the serial or part number of the flush valve seal; and
- (c) information on procuring replacement parts for maintaining the original flush volume.



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All packaging for vitreous plumbing fixtures shall be marked with the manufacturer's name or registered trademark, or, in case of private labeling, the name of the customer for whom the fixture was manufactured, and the model number of the fixture. Listed products shall bear the UPC-I/WEP-I TM star rating certification mark with or without the term 'GREEN' on top of the mark.

CHARACTERISTICS: Water closets equipped with a dual flushing device. To be installed to the manufacturer's instructions and requirements of the latest edition of the Uniform Illustrated Plumbing Code – India (UIPC-I). Products comply to applicable sections of the latest edition of the Uniform Illustrated Plumbing Code – India, ASME A112.19.2-2018/CSA B45.1-18 and 2017 Water Efficient Products – India (WEP-I), and IGBC and LEED® Green Rating Systems. Sample models listed on this certificate were tested by an IAPMO India recognized laboratory that was found compliant to applicable requirements in ISO/IEC 17025.



ENIN

**Tom Palkon** 

Executive Vice President and Chief Technical Services Officer The IAPMO Group.



**File No: IN-W-1006** 

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**Product: Dual Flush Water Closets** 

Models:								
Dual Flush		Baseline	2017	2013 GPCS-I	IGBC		LI	EED
<b>Gravity Flow</b>	Flush Lpf (High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rati	ng System	Green Rating System	
EWC Model	Baseline Rated	(High/Low)	Star Rating	Max. Flush (Lpf)	Homes <sup>1</sup>	Factory Bldg <sup>2</sup>	$CS^3$	$NC\&MR^4$
2 PC					WE Mandatory	WC Mandatory	WE	WE
20028 EWC					Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
21038 Cistern	6.0 / 3.0 3.71 / 2.29	2.29 / 0.71	***	2.76	WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
Constellation		38% / 24%			Points: 4	Points: 4	Points: 3	Points: 3
Wall Hung								
Extended								
2 PC Floor Mount					WE Mandatory	WC Mandatory	WE	WE
20050 EWC					Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
21033 Cistern, or	6.0 / 3.0 3.57 / 2.76	2.43 / 0.24	***	3.03	WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
21034 Cistern		40% / 8%			Points: 4	Points: 4	Points: 4	Points: 4
Cleo 'S-220/190								
2 PC					WE Mandatory	WC Mandatory	WE	WE
20058 EWC	6.0 / 3.0   4.61 / 2.53	1.39 / 0.47	**	3.22	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
21028 Cistern		23% / 16%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
Studio 'P					Points: 0	Points: 2	Points: 0	Points: 0
Wall Hung								
Extended								
LAIGHUCU								



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File No: IN-W-10	006	<b>Product:</b>	Dual Flush <b>'</b>	Water Closets	Void After: January 31, 2025				
Dual Flush		Baseline	seline 2013 2013 GPCS-I		IGI	BC .	LEED		
<b>Gravity Flow</b>	Flush Lpf (High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rating System		Green Rat	ing System	
EWC Model	Baseline Rated	(High/Low)	Star Rating	Max. Flush (Lpf)	Homes <sup>1</sup>	Factory Bldg <sup>2</sup>	$CS^3$	NC&MR <sup>4</sup>	
Wall Hung					•	WC Mandatory		WE	
20069 EWC						Requirement 2 Pr	•	•	
Lara with	6.0 / 3.0   3.73 / 1.86	2.27 / 1.14	***	2.48	WE Credit 4	WC Credit 6	WE Credit 3		
R&T G3004		38% / 38%			Points: 4	Points: 4	Points: 3	Points: 3	
Concealed									
Cistern									
Wall Hung					WE Mandatory	WC Mandatory	WE	WE	
20082 EWC					Requirement 2	Requirement 2 I	Prerequisite 1	Prerequisite 1	
Mario with	6.0 / 3.0   3.54 / 1.16	2.46 / 1.84		1.95	WE Credit 4	WC Credit 6	WE Credit 3		
R&T G3004		41% / 61%			Points: 4	Points: 4	Points: 4	Points: 4	
Concealed									
Cistern									
2 PC					WE Mandatory	WC Mandatory	WE	WE	
20084 EWC					1	Requirement 2 l	•	-	
21052 Cistern	6.0 / 3.0   3.42 / 1.25	2.58 / 1.75	***	1.97	WE Credit 4	WC Credit 6	WE Credit 3		
Mario 'P		43% / 58%			Points: 4	Points: 4	Points: 4	Points: 4	
Wall Hung									
Extended									



File No. IN-W-1006

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Void After: January 31 2025

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Product: Dual Flush Water Closets

File No: 1N-W-1000			Produc	a: Duai Fiusi	n water Closets	void After: January 31, 2025				
Dual Flush		Baseline	2017	2013 GPCS-I	IGBC		LE	EED		
Gravity Flow	Flush Lpf (High/Low)		Savings Lpf	WEP-I	Green Effective	Green Rating System		Green Rating System		
EWC Model	Baseline	Rated	(High/Low)	Star Rating	Max. Flush (Lpf)	Homes <sup>1</sup>	Factory Bldg <sup>2</sup>	CS <sup>3</sup>	NC&MR <sup>4</sup>	
Wall Hung						WE Mandatory	WC Mandatory	WE	WE	
92024 EWC						Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1	
Enigma with	6.0 / 3.0	3.66 / 1.53	2.34 / 1.47	444	2.24	WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3	
R&T G3004	0.0 / 3.0	3.00 / 1.33		***	2.24					
Concealed			39% / 49%			Points: 4	Points: 4	Points: 3	Points: 3	
Cistern										
1 PC EWC						WE Mandatory	WC Mandatory	WE	WE	
92038	6.0 / 3.0	3.75 / 1.72	2.25 / 1.28	**	2.40	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1	
Olivia 'S-300			38% / 43%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3	
Floor Mount						Points: 4	Points: 4	Points: 3	Points: 3	
1 PC EWC						WE Mandatory	WC Mandatory	WE	WE	
92042	6.0 / 3.0	3.72 / 1.82	2.28 / 1.18	***	2.45	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1	
Olivia 'S-220			38% / 39%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3	
Floor Mount						Points: 4	Points: 4	Points: 3	Points: 3	
1 PC EWC						WE Mandatory	WC Mandatory	WE	WE	
92048	6.0 / 3.0	3.71 / 2.20	2.29 / 0.80	***	2.70	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1	
Elba 'S-220			38% / 27%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3	
Floor Mount						Points: 4	Points: 4	Points: 3	Points: 3	



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File No: IN-W-1006			Product: Dual Flush Water Closets				Void After: January 31, 2025				
	Dual Flush		Baseline	2017	2013 GPCS-I	IG)	ВС	LE	ED		
	<b>Gravity Flow</b>	Flush Lpf (High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rati	ng System	Green Rati	ng System		
	EWC Model	Baseline Rated	(High/Low)	Star Rating	Max. Flush (Lpf)	Homes <sup>1</sup>	Factory Bldg <sup>2</sup>	CS <sup>3</sup>	NC&MR <sup>4</sup>		
	Wall Hung					WE Mandatory	WC Mandatory	WE	WE		
	92051 EWC					Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1		
	Essence with	6.0 / 3.0   3.70 / 1.94	2.30 / 1.06	***	2.53	WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3		
	R&T G3004		38% / 35%			Points: 4	Points: 4	Points: 3	Points: 3		
	Concealed										
	Cistern										



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File No: IN-W-1006	: !	Product	: Dual Flush	Water Closets	Void After: January 31, 2025				
Dual Flush		Baseline	2017 2013 GPCS-I		IG	ВС	LEED		
<b>Gravity Flow</b>	Flush Lpf (High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rating System		Green Rating System		
EWC Model	Baseline Rated	(High/Low)	Star Rating	Max. Flush (Lpf)	Homes <sup>1</sup>	Factory Bldg <sup>2</sup>	$CS^3$	NC&MR <sup>4</sup>	
Wall Hung					WE Mandatory	WC Mandatory	WE	WE	
92081 EWC					Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1	
Element with	6.0 / 3.0   3.70 / 1.55	2.30 / 1.45	***	2.27	WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3	
R&T G3004		38% / 48%			Points: 4	Points: 4	Points: 3	Points: 3	
Concealed									
Cistern									
1 PC EWC					WE Mandatory	WC Mandatory	WE	WE	
92082	6.0 / 3.0   3.51 / 1.38	2.49 / 1.62	***	2.09	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1	
Element 'S' 30cm		42% / 54%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3	
Floor Mount					Points: 4	Points: 4	Points: 4	Points: 4	
1 PC EWC					WE Mandatory	WC Mandatory	WE	WE	
92084	6.0 / 3.0   3.67 / 2.26	2.33 / 0.74	***	2.73	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1	
Element 'S'-220		39% / 25%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3	
Floor Mount					Points: 4	Points: 4	Points: 3	Points: 3	



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File No: IN-W-1006 Product: Dual Flush Water Closets Void After: January 31, 2025

<b>Dual Flush</b>			Baseline	2017	2013 GPCS-I	IGI	3C	LE	EED
<b>Gravity Flow</b>	Flush Lpf	(High/Low)	Savings Lpf		Green Effective	Green Rati	ng System	Green Rating System	
EWC Model	<b>Baseline</b>	Rated	(High/Low)	Star Rating	Max. Flush (Lpf)	Homes <sup>1</sup>	Factory Bldg <sup>2</sup>	$CS^3$	NC&MR <sup>4</sup>
1 PC EWC						WE Mandatory	WC Mandatory	WE	WE
92085	6.0 / 3.0	3.55 / 1.67	2.45 / 1.33	***	2.30	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Element 'S' 10cm			41% / 44%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
Floor Mount						Points: 4	Points: 4	Points: 4	Points: 4
Wall Hung						WE Mandatory	WC Mandatory	WE	WE
92502 EWC						Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Enigma Slim	6.0 / 3.0	3.50 / 1.47	2.50 / 1.53	***	2.15	WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
with R&T			42% / 51%			Points: 4	Points: 4	Points: 4	Points: 4
G3004									
Concealed									
Cistern									



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File No: IN-W-1006 Product: Dual Flush Water Closets Void After: January 31, 2025

Product/ Model			Water Co	nsumption (Li Liters/		2017 WEP-I	IGBC Green Rating System		LEED Green Rating System		
S.N	Product/ Customer Code	Product Description	Baseline	Rated	Savings	3	Star Rating	Homes <sup>1</sup>	Factory Bldg <sup>2</sup>	CS <sup>3</sup>	NC&MR <sup>4</sup>
NEW PRODUCTS											
1	92638	EWC One pc Ace S-220	6.0/3.0	3.58/1.41	2.42/1.59	40%/53%		4	4	4	4
2	92639	EWC One pc Prima S-220	6.0/3.0	3.54/1.36	2.46/1.64	41%/54%		4	4	4	4
3	20122	EWC One pc Aspiro S-220	6.0/3.0	3.66/1.60	2.34/1.40	39%/46%	***	4	4	4	4
4	92643	EWC One pc Magna S-220	6.0/3.0	3.58/1.53	2.42/1.47	40%/49%	AAA	4	4	4	4
5	92569	EWC WM Cora Vortex	6.0/3.0	3.61/1.52	2.39/1.48	39%/49%		4	4	4	4
6	92538	EWC WM Amazon Aquasheet	6.0/3.0	3.43/1.41	2.57/1.59	42%/53%		4	4	4	4
7	96016	Kango Urinal	1.00	0.75	0.25	25%		2	4	2	4

<sup>1.</sup> IGBC Green Homes Rating System, Abridged Reference Guide, v 2.0, April 2012

<sup>2.</sup> IGBC Green Factory Building Rating System, Abridged Reference Guide, July 2009 with August 2011 Addendum

<sup>3.</sup> LEED 2009 for Core & Shell Development Rating System

<sup>4.</sup> LEED 2009 for New Construction and Major Renovations Rating System