

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

> 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.



SNIN

**Tom Palkon** 

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



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EED
ting System
NC&MR <sup>4</sup>
WE
Prerequisite 1
WE Credit 3
Points: 3
WE
Prerequisite 1
WE Credit 3
Points: 4
WE
Prerequisite 1
WE Credit 3
Points: 0



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Dual Flush		Baseline	2013	2013 GPCS-I	IGI	BC	LE	EED
<b>Gravity Flow</b>	Flush Lpf (High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rati	ng 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 20069 EWC					Requirement 2	-	Prerequisite 1	_
Lara with R&T G3004	6.0 / 3.0 3.73 / 1.86	2.27 / 1.14 38% / 38%	***	2.48	WE Credit 4 Points: 4	WC Credit 6 Points: 4	WE Credit 3 Points: 3	WE Credit 3 Points: 3
Concealed								
Cistern								
Wall Hung					WE Mandatory	WC Mandatory	y WE	WE
20082 EWC					Requirement 2	Requirement 2	-	-
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	WE Credit 3
R&T G3004		41% / 61%			Points: 4	Points: 4	Points: 4	Points: 4
Concealed								
Cistern								
2 PC					WE Mandatory	WC Mandatory	y WE	WE
20084 EWC					Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
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								



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Licensee: Hindware Limited, No. 301-302, 3rd Floor, Park Centra, Sector 30, N.H-8, Gurgaon, Haryana, India 122001

File No: IN-W-10	)06		Produc	t: Dual Flus	h Water Closets		Void	l After: Janua	ry 31, 2025
Dual Flush			Baseline	2017	2013 GPCS-I	IG	BC	LE	EED
<b>Gravity Flow</b>	Flush Lpf	(High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rati	ing 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 <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	60/20	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 V						Void	After: Janua	ary 31, 2025	
Dual Flush			Baseline	2017	2013 GPCS-I	IG1	ВС	LE	EED
<b>Gravity Flow</b>	Flush Lpf	(High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rati	ng System	Green Rat	ing System
EWC Model	<u>Baseline</u>	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									
2 PC						WE Mandatory	WC Mandatory	WE	WE
92058 EWC						Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
92122 Cistern	6.0 / 3.0	3.52 / 1.18	2.48 / 1.82	***	1.96	WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
Florence 'S-220			41% / 61%			Points: 4	Points: 4	Points: 4	Points: 4
Floor Mount									
1 PC EWC						WE Mandatory	WC Mandatory	WE	WE
92072	6.0 / 3.0	3.52 / 2.51	2.48 / 0.49	***	2.84	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Cedar 'S -100			41% / 16%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
Floor Mount						Points: 4	Points: 4	Points: 4	Points: 4



#### **IAPMO India Pvt. Ltd.**

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File No: IN-W-1006		ŕ	Product	t: Dual Flus	h Water Closets	ŕ	Vo	oid After: Jai	nuary 31, 2025
Dual Flush			Baseline	2017	2013 GPCS-I	IG	BC	LE	EED
<b>Gravity Flow</b>	Flush Lpf	(High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rati	ing System	Green Rat	ing System
EWC Model	<b>Baseline</b>	Rated	(High/Low)	Star Rating	Max. Flush (Lpf)	Homes <sup>1</sup>	Factory Bldg <sup>2</sup>	$\mathbb{CS}^3$	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
92083	6.0 / 3.0	3.71 / 1.76	2.29 / 1.24	***	2.41	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Estella 'S'-300			38% / 41%			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
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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<b>File No: IN-W-1006</b>		Product	: Dual Flus	h Water Closets		Vo	oid After: Ja	nuary 31, 2025
Dual Flush		Baseline	2017	2013 GPCS-I	IG	BC	LI	EED
<b>Gravity Flow</b>	Flush Lpf (High/Low)	Savings Lpf	WEP-I	Green Effective	Green Rati	ng System	Green Ra	ting 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>
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
92092 EWC					Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Twilight with	6.0 / 3.0   3.44 / 1.49	2.56 / 1.51	**	2.14	WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
R&T G3004		43% / 50%			Points: 4	Points: 4	Points: 4	Points: 4
Concealed								
Cistern								
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

Dual Flush		Baseline	2017	2013 GPCS-I	IG)	ВС	LF	EED
<b>Gravity Flow</b>	Flush Lpf (High/Low	Savings Lpf	WEP-I	Green Effective	Green Rati	ng 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>	$\mathbb{C}\mathbb{S}^3$	NC&MR <sup>4</sup>
1 PC EWC					WE Mandatory	WC Mandatory	WE	WE
92503	6.0 / 3.0 5.87 / 2.27	0.13 / 0.73		3.47	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Alpine 'S-300		2% / 24%	*		WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
Floor Mount					Points: 0	Points: 0	Points: 0	Points: 0
1 PC EWC					WE Mandatory	WC Mandatory	WE	WE
92504	6.0 / 3.0 5.87 / 2.27	0.13 / 0.73	*	3.47	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Alpine 'S-220		2% / 24%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
Floor Mount					Points: 0	Points: 0	Points: 0	Points: 0
1 PC EWC					WE Mandatory	WC Mandatory	WE	WE
92511	6.0 / 3.0 3.65 / 2.22	2.35 / 0.78	***	2.70	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Athens 'S-300		39% / 26%			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
92537	6.0 / 3.0   3.52 / 1.58	2.48 / 1.42	***	2.23	Requirement 2	Requirement 2	Prerequisite 1	Prerequisite 1
Cedar 'S' 22cm		41% / 47%			WE Credit 4	WC Credit 6	WE Credit 3	WE Credit 3
Floor Mount					Points: 4	Points: 4	Points: 4	Points: 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