

EXPERIENCE THE POWER OF INTELLIGENT HEATING WITH HAVELLS WATER HEATERS



ABOUT US

Havells India Limited is a leading Fast Moving Electrical Goods (FMEG) Company and a major power distribution equipment manufacturer with a strong pan India presence. Havells enjoys enviable market dominance across a wide spectrum of products, including Industrial & Domestic Circuit Protection Devices, Cables & Wires, Motors, Fans, Modular Switches, Home Appliances, Electric Water Heaters, Power Capacitors, CFL, Luminaires for Domestic, Commercial and Industrial Applications.

'Today, Havells owns some of the most prestigious brands like Crabtree and Standard.' Its network constitutes of 4000 professionals, over 6000 dealers and 40 branches across the country. Its eleven state-of-the-art manufacturing plants in India located at Haridwar, Baddi, Sahibabad, Faridabad, Alwar and Neemrana are manufacturing globally acclaimed products, synonymous with excellence and precision in the electrical industry.

The company pioneered the concept of exclusive brand showroom in the electrical industry with 'Havells Galaxy'. Today over 386 Havells Galaxies across the country are helping customers, both domestic and commercial, to choose from a wide variety of products for different applications. Havells became the first FMEG Company to offer door step service via its initiative 'Havells Connect'. Thanks to the quality of products and quicker service, it has minimum customer complaints and highest customer satisfaction.



INDIA'S

most modern and integrated manufacturing plant for Water Heaters:

The Water Heater plant is the crown jewel in our jewellery box. Located in Neemrana, we pride ourselves on having India's most modern and integrated Water Heaters manufacturing plant with a capacity of producing over 5 lakhs Water Heaters annually. Housing a state-of-the-art testing laboratory and also equipped with technology like an automatic MIG welding, dry powder enamel coating, automatic PUF filling and outer body-rolling for metal range. It also has a computerized online safety testing process that makes sure every Havells Water Heater is safe and secure for your use.

Innovation at its best.

Today, Havells Water Heaters meet diverse individual needs across the country. Havells pioneered in introducing state-of-the-art, "Adonia" Water Heater with first ever color changing LED indicating change in temperature. It is all set to become India's revolutionary energy efficient Water Heaters.





SPREAD THE WARMTH OF YOUR LOVE

with Havells Storage & Instantaneous electric Water Heaters



Free installation offer is applicable for electric water heaters only in selected cities/areas within municipal limits.

WHY HAVELLS WATER HEATERS?

Water Heaters that understand you.

At Havells we believe in creating technology that makes a difference and our products aim at making your life easier and more comfortable. This philosophy is what makes our products the best-in-class compared to the many others in the market.

You should not be made to choose between convenience and performance. This is why our Water Heaters come equipped with temperature sensitive color changing LED indicators and an 'Incoloy 800' glass coated heating element which ensures superior performance and convenience to you.

These innovative features, which are designed keeping you in mind, ensure that Havells Water Heaters never come up short. Equipped with India's first integrated shock safe plug that cuts power in case of any current leakage along with superior Feroglas technology, that protects the inner tank of your Water Heaters from corrosion and rust. We believe our products are the right choice for all your needs.



Colour changing LED indicator

India's first colour changing LED indicator that changes colour from Blue to Amber as the water heats to the desired temperature.



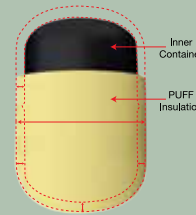
Feroglas coating inner container

- A) Made of ultra thick super cold rolled steel plates .
- B) Provides superior corrosion resistance and 'anti-rust property' resulting in longer life compared to standard inner container designs.
- C) Tough enough to withstand high pressure rating up to 8 bar.



Shock safe plug (Available in select models)

India's first integrated shock safe plug is designed to prevent injury to humans due to electric shocks, the plug will cut off the power immediately in case of any current leakage.



High density PUF insulation

CFC free thicker PUF insulation offers complete protection against radiant heat loss, reduces energy consumption and provides higher energy efficiency.



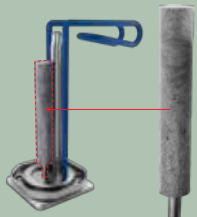
Incoloy glass coated heating element

Incoloy glass coated heating element offers superior heating performance with its excellent resistance to both oxidation and carbonization at high temperature setting. Also resists corrosion against extreme and hard water conditions thus extending life span of heating elements with minimum energy loss.



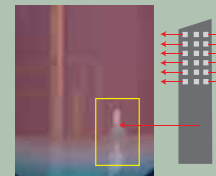
0.8 MPa high working pressure

Suitable for high rise buildings and pressure pump applications. The multi function valve prevents pressure to increase beyond 8 bar.



Anode rod protects tank from corrosion

The tank has an anode rod with a stainless steel core that is designed to protect the tank from corrosive elements. The system uses special catalyst action to fight the corrosive elements which in turn prolongs the life of the water heater.



Whirlflow technology

It avoids direct contact between cold and hot water flow for a faster heating and optimized energy saving effecting 20% more hot water output.



Water resistance and splash proof (IPX-4)

Ensures high level of protection for electrical parts from water splashing

Presenting

**the stunning & widest range
of Water Heaters**

from Havells





1 L to 10 L
Instantio, Opal EC
Puro Turbo DX

KITCHEN



WATER HEATER SELECTION GUIDE

BATHROOM

15 L & Above

(A) Space is no constraint
Adonia, Puro Turbo DX,
Monza DX & Senzo

(B) Space is constraint
Monza Slim, Monza EC-H

35 L & Above
Monza DX

SHOWER





PRESS SHOP

- Automatic hydraulic presses for deep drawing of steel sheets for making end covers of tanks
- Automatic robots for loading and unloading of press machines
- Automatic system ensures high productivity and consistency in parts

WELDING SHOP

- Best technologies from Japan ensure fool proof welding joints for years of trouble free service
- Welding of end caps and shells in an automatic MIG / Plasma welding line
- Each welded tank is tested for leakage at high pressure





FEROGLAS TECHNOLOGY

- Fully automatic shot blasting machine to remove impurities and oxides
- Swiss made fully automatic dry Feroglas coating machine
- Baking of coated tanks in PLC controlled, gas fired furnace for fusion of glass and 'steel, ensuring longer life.'

AUTOMATIC OUTER BODY ROLLING

- Most advanced outer body rolling with seamless welding system
- CNC controlled automatic punching machine
- Special purpose necking machine for precise bending
- State-of-the-art fully integrated pre-treatment and paint system





Adonia R



Capacity : 10 L, 15 L & 25 L
Color : White



Temperature sensitive LED indicators



Feather touch control panel



Hidden LED display



Shock safe plug



Ferglas technology



PUF insulation



0.8 MPa high working pressure



Incoloy glass coated heating element



Anode rod



Remote control for temperature setting



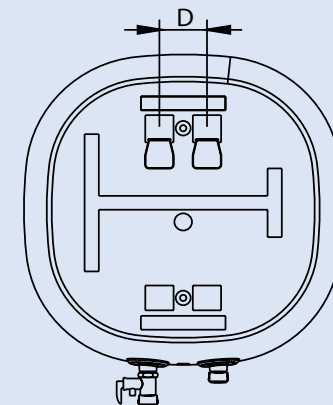
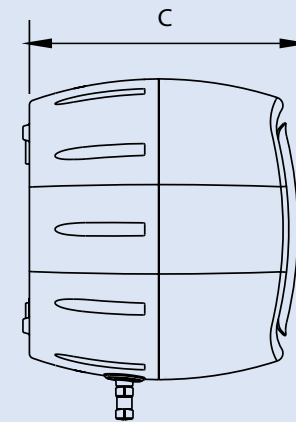
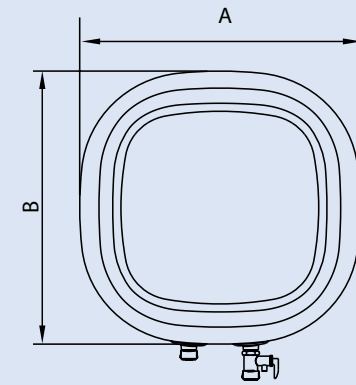
IPX-4 protection



Warranty

Model	A	B	C	D
Adonia R 10 L	390 mm	390 mm	319 mm	67.6 mm
Adonia R 15 L	390 mm	390 mm	358 mm	67.6 mm
Adonia R 25 L	453 mm	453 mm	394 mm	67.6 mm

Technical Dimensions: (in mm)





Adonia Spin NEW



Capacity : 10 L, 15 L & 25 L
Color : White



Temperature sensing LED knob



Shock safe plug



Feroglas Technology



PUF insulation



Incoloy glass coated heating element



Anode rod



0.8 MPa high working pressure



Whirlflow technology



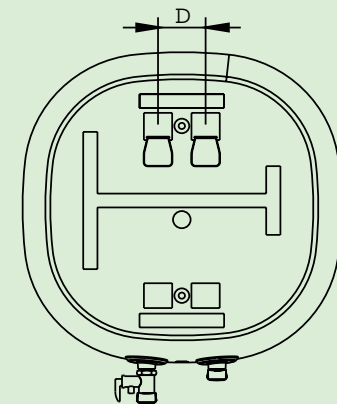
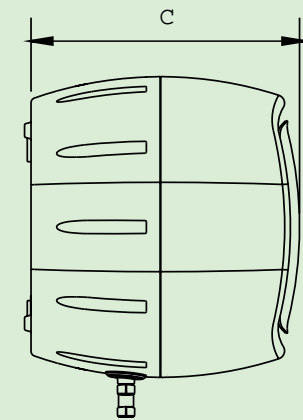
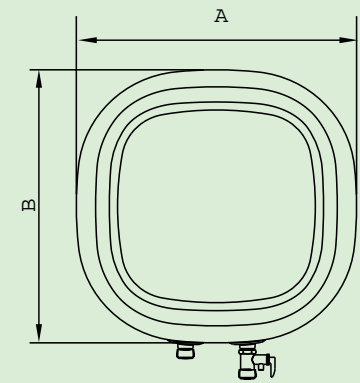
IPX-4 protection



Warranty

Model	A	B	C	D
Adonia spin 10 L	390 mm	390 mm	319 mm	67.6 mm
Adonia spin 15 L	390 mm	390 mm	358 mm	67.6 mm
Adonia spin 25 L	453 mm	453 mm	394 mm	67.6 mm

Technical Dimensions: (in mm)





Bello Prime NEW



Capacity : 6 L, 10 L, 15 L & 25 L
Color : White-Blue



Shock safe plug



LED indicator



Vitreous enamel



PUF insulation



Incoloy glass coated heating element



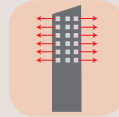
Anode rod



Adjustable knob for temperature setting



0.8 MPa high working pressure



Whirlflow technology

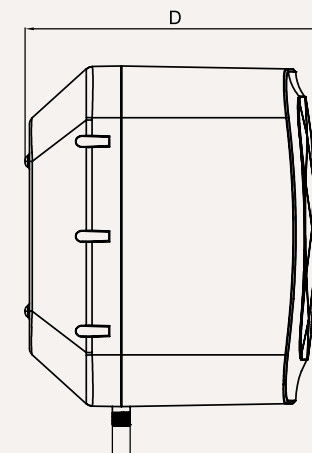
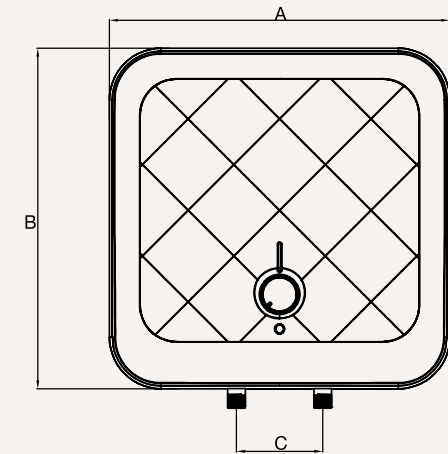


IPX-4 protection



Warranty

Technical Dimensions: (in mm)



Model	A	B	C	D
Bello Prime 6 L	315 mm	315 mm	100 mm	305.5 mm
Bello Prime 10 L	365 mm	365 mm	100 mm	304.5 mm
Bello Prime 15 L	395 mm	395 mm	100 mm	344.5 mm
Bello Prime 25 L	445 mm	445 mm	100 mm	397.5 mm



Quatro NEW



Capacity : 6 L, 10 L, 15 L & 25 L
Color : White-Green, Ivory-Red



Shock safe plug



LED indicator



Vitreous enamel



PUF insulation



Incoloy glass coated heating element



Anode rod



Adjustable knob for temperature setting



0.8 MPa high working pressure



Whirflow technology



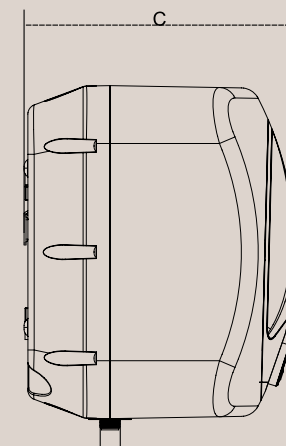
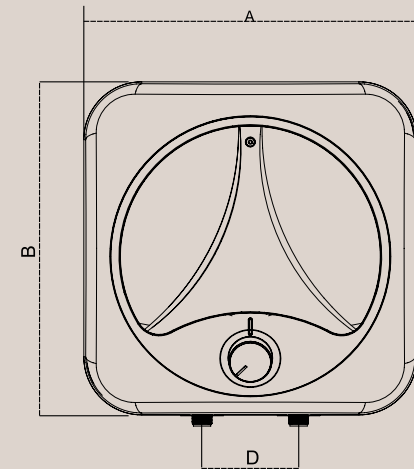
IPX-4 protection



Warranty

Model	A	B	C	D
Quatro 6 L	305 mm	305 mm	292 mm	62 mm
Quatro 10 L	345 mm	345 mm	277 mm	62 mm
Quatro 15 L	385 mm	385 mm	311 mm	62 mm
Quatro 25 L	435 mm	435 mm	369 mm	62 mm

Technical Dimensions: (in mm)

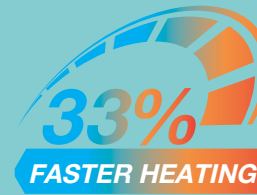




Puro Turbo DX NEW



Capacity : 10 L, 15 L & 25 L
Color : White Blue, Ivory Pink



Turbo Mode
3 kW



Smart Mode
2 kW



Eco Mode
1 kW



LED
Temperature
sensing LED knob



Shock
safe plug



Feroglas
Technology



PUF
insulation



Incoloy glass coated
heating element



Anode rod



0.8 MPa high
working pressure



Whirflow
technology

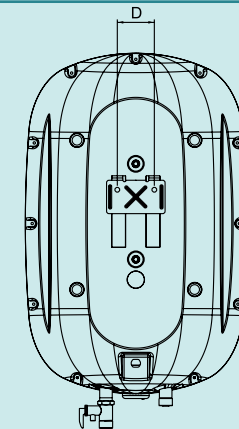
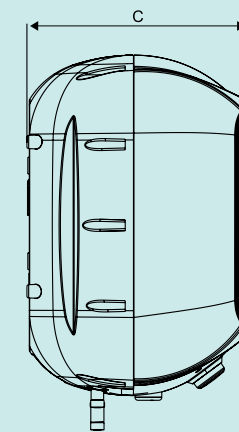
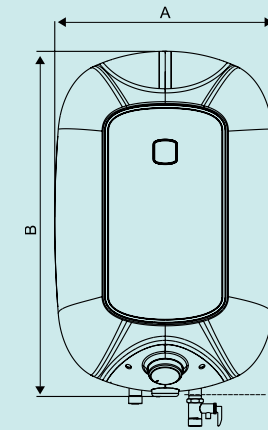


IPX-4
protection



Warranty

Technical Dimensions: (in mm)



Model	A	B	C	D
Puro Turbo DX 10 L	318 mm	473 mm	304 mm	62 mm
Puro Turbo DX 15 L	329 mm	497 mm	330 mm	62 mm
Puro Turbo DX 25 L	370 mm	578 mm	370 mm	62 mm



Instanio Prime

NEW



Capacity : 6 L, 10 L, 15 L & 25 L
 Color : White Mustard, White Blue
 15 L* , 25 L* - 4 Star



Color Changing LED Indicator



Shock safe plug



Feroglas Technology



PUF insulation



Incoloy glass coated heating element



Anode rod



Whirlflow technology



0.8 MPa high working pressure

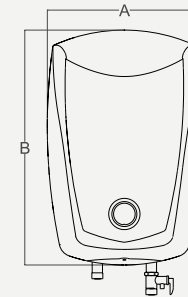


IPX-4 protection

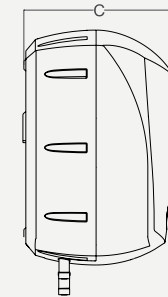


Warranty

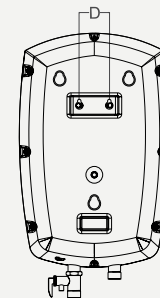
Technical Dimensions: (in mm)



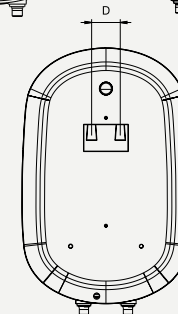
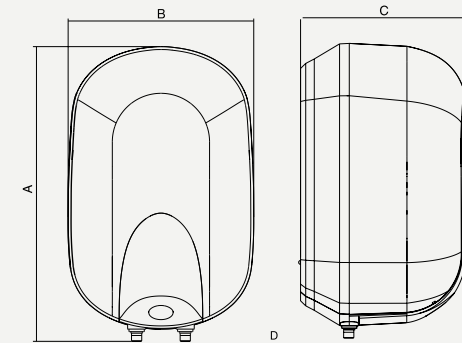
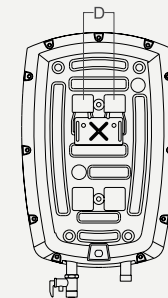
Instanio Prime 6 L



Instanio 10 L



Instanio Prime 15 L & 25 L



Model	A	B	C	D
Instanio Prime 6 L	260 mm	457 mm	254 mm	70 mm
Instanio 10 L	318 mm	478 mm	308 mm	65 mm
Instanio Prime 15 L*	522 mm	308 mm	288 mm	65 mm
Instanio Prime 25 L*	606 mm	380 mm	340 mm	65 mm

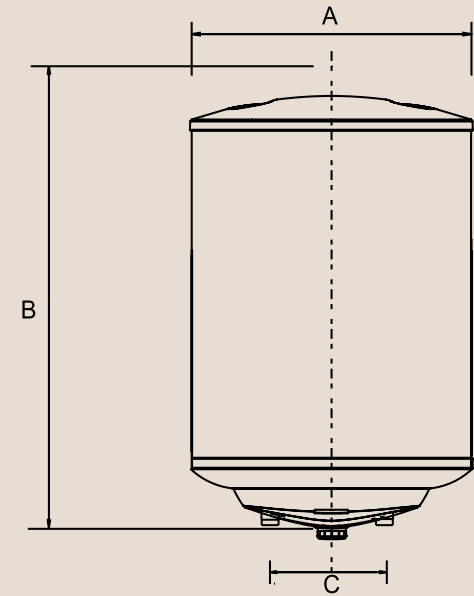


NaZZ NEW



Capacity : 10 L, 15 L & 25 L
 Color : White - Grey, Ivory - Brown

Technical Dimensions: (in mm)



Shock safe plug



Vitreous enamel



PUF insulation



Adjustable knob for temperature setting



Indicator Lamp



Incoloy glass coated heating element



Anode rod



0.8 MPa high working pressure



Whirlflow technology



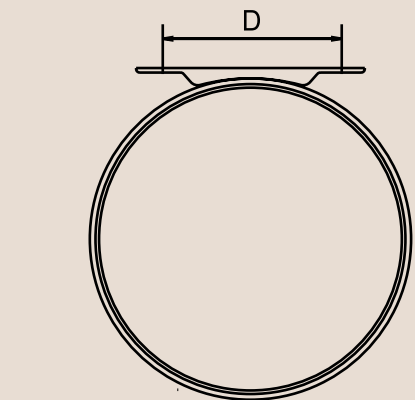
Corrosion Proof ABS Body



IPX-4 protection



Warranty



Model	A	B	C	D
NaZZ 10 L	344 mm	474 mm	100 mm	200 mm
NaZZ 15 L	344 mm	515 mm	100 mm	200 mm
NaZZ 25 L	389 mm	585 mm	100 mm	200 mm



Senzo



Capacity : 10 L, 15 L & 25 L
 Colors : White - Grey, Ivory - Brown



Digital Display



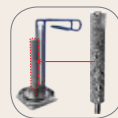
Feather touch panel



Shock safe plug



Incoloy glass coated heating element



Anode rod



Feroglas Technology



PUF insulation



0.8 MPa high working pressure



Whirlflow technology



Plasto shield outer coating



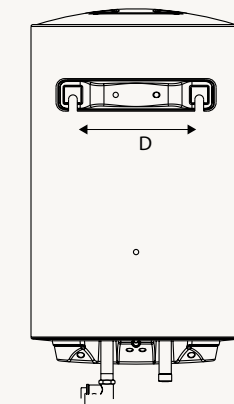
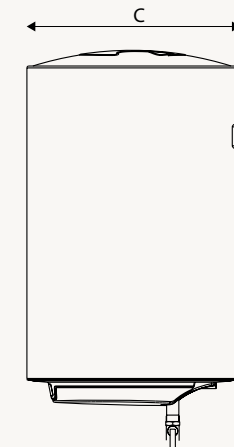
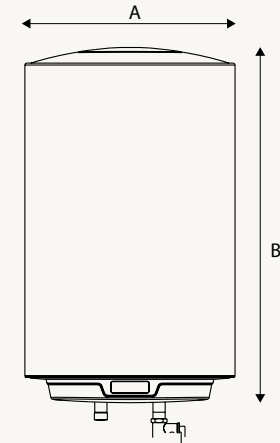
IPX-4 protection



Warranty

Model	A	B	C	D
Senzo 10 L	311 mm	440 mm	324 mm	217 mm
Senzo 15 L	311 mm	540 mm	324 mm	217 mm
Senzo 25 L	361 mm	620 mm	374 mm	217 mm

Technical Dimensions: (in mm)





Monza DX



Capacity : 10 L, 15 L, 25 L, 35 L, 50 L & 100 L
 Colors : White - Grey, Ivory - Brown



Shock safe plug



Feroglas technology



PUF insulation



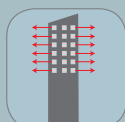
Incoloy glass coated heating element



Anode rod



0.8 MPa high working pressure



Whirlflow technology



IPX-4 protection



Adjustable knob for temperature setting



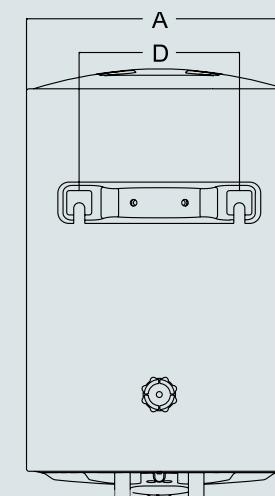
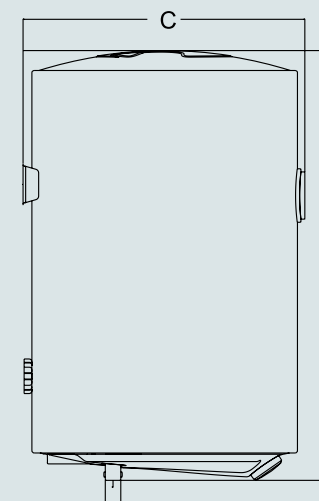
Plasto shield outer coating



Warranty

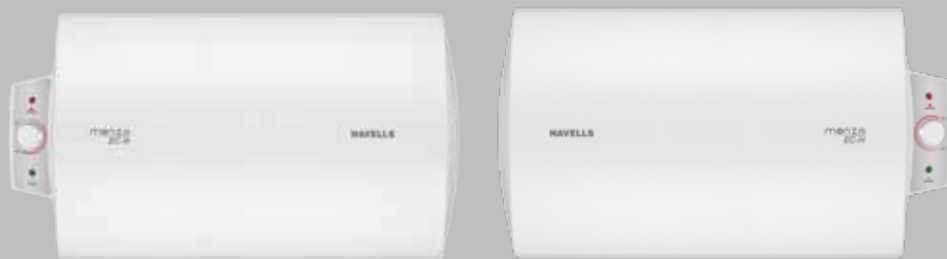
Model	A	B	C	D
MONZA DX 10 L	310 mm	462 mm	334 mm	217 mm
MONZA DX 15 L	310 mm	465 mm	334 mm	217 mm
MONZA DX 25 L	360 mm	625 mm	385 mm	217 mm
MONZA DX 35 L	411 mm	650 mm	435 mm	217 mm
MONZA DX 50 L	461 mm	652 mm	486 mm	217 mm
MONZA DX 100 L	461 mm	1070 mm	486 mm	217 mm

Technical Dimensions: (in mm)





Monza EC H



Capacity : 35 L & 50 L
Color : White



Ferroglass Technology



PUF insulation



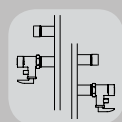
Incoloy glass coated heating element



Anode rod



Adjustable knob for temp setting



Left & right side configuration



0.8 MPa high working pressure



Whirflow technology

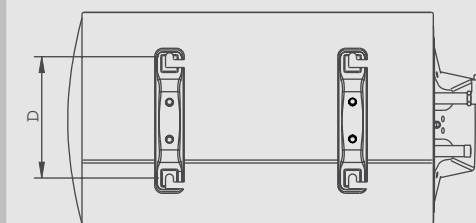
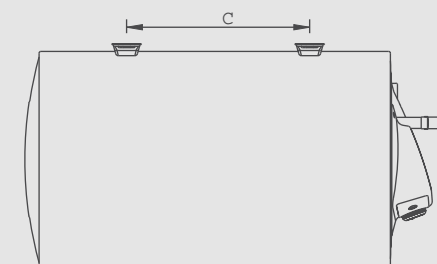
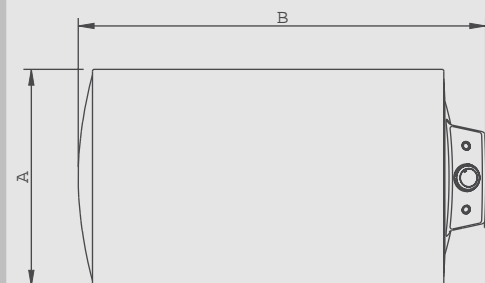


IPX-4 protection



Warranty

Technical Dimensions: (in mm)



Model	A	B	C	D
MONZA EC-H 35 L	427 mm	616 mm	411 mm	217 mm
MONZA EC-H 50 L	427 mm	796 mm	411 mm	217 mm



Monza CF

NEW



Capacity : 15 L, 25 L
Color : white



Shock safe plug



Vitreous enamel



PUF insulation



Incoloy glass coated heating element



Anode rod



Adjustable knob for temperature setting



0.8 MPa high working pressure



Whirlflow technology



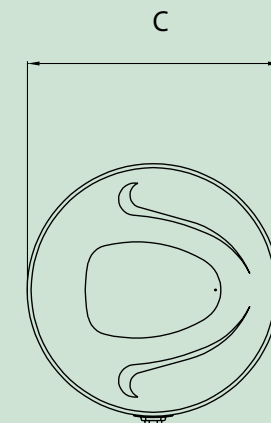
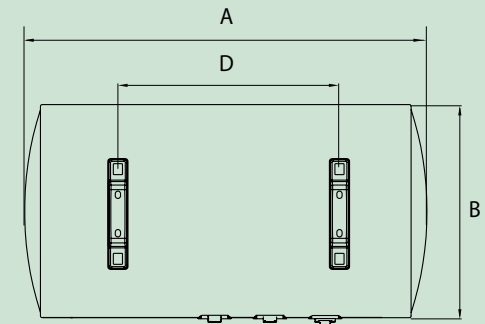
IPX-4 protection



Warranty

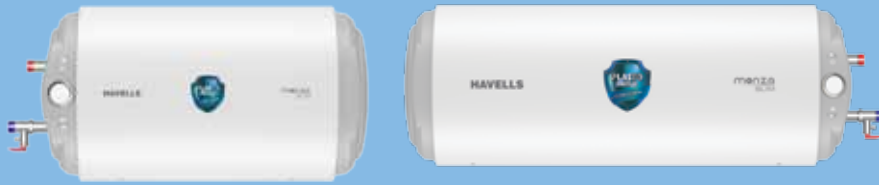
Model	A	B	C	D
Monza CF 15 L	518 mm	340 mm	340 mm	140 mm
Monza CF 25 L	695 mm	340 mm	340 mm	310 mm

Technical Dimensions: (in mm)





Monza Slim



Capacity : 10 L, 15 L & 25 L
 Color : White Grey
 Mounting : Wall Mounting



Feroglas technology



PUF insulation



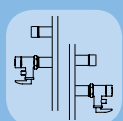
Incoloy glass coated heating element



Anode rod



Adjustable knob for temperature setting



Left & right side configuration



Whirlflow technology



IPX-4 protection



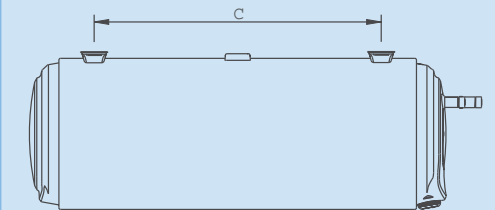
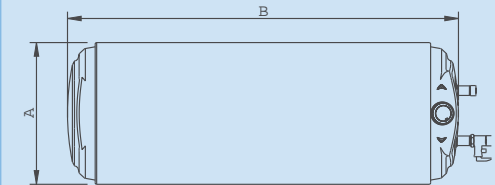
Plasto shield outer coating



Warranty

Model	A	B	C	D
Monza Slim 10 L	311 mm	473 mm	190 mm	217 mm
Monza Slim 15 L	311 mm	602 mm	320 mm	217 mm
Monza Slim 25 L	311 mm	875 mm	591 mm	217 mm

Technical Dimensions: (in mm)





Instanio



Capacity : 1 L & 3 L*
 Colors : White Mustard, White Blue & White Grey

Grey color only available in 3 L*



Color Changing LED Indicator



Rust & Shock Proof ABS Outer Body



Stainless steel inner tank



Fire retardant power cord



0.6 MPa High working pressure



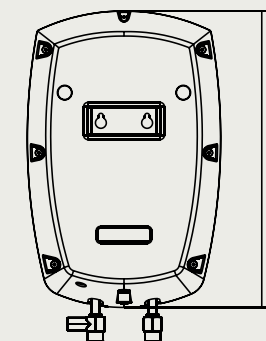
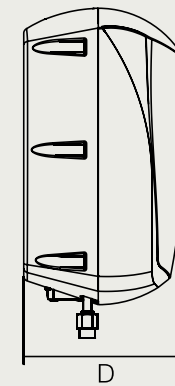
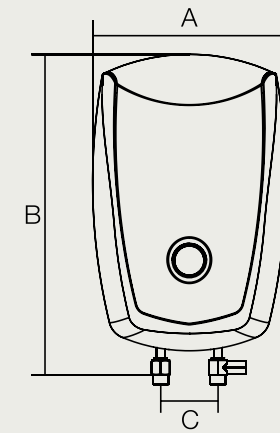
ISI Marked



Warranty

Model	A	B	C	D	E
Instanio 1 L	205 mm	294 mm	66.5 mm	184 mm	319 mm
Instanio 3 L*	225 mm	373 mm	66.5 mm	190 mm	345 mm

Technical Dimensions: (in mm)





HAVELLS

Oppl



Opal EC



Capacity : 1 L & 3 L
Color : White



Rust & Shock Proof ABS Outer Body



0.6 MPa High working pressure



Adjustable knob for temp setting



Fire retardant power cord



Twin Indicator Lamp



Stainless steel inner tank



ISI Marked*

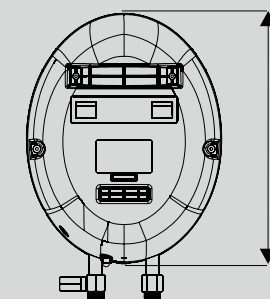
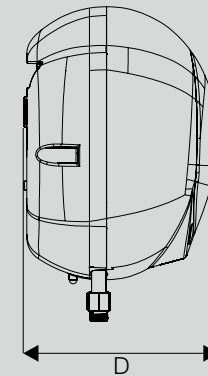
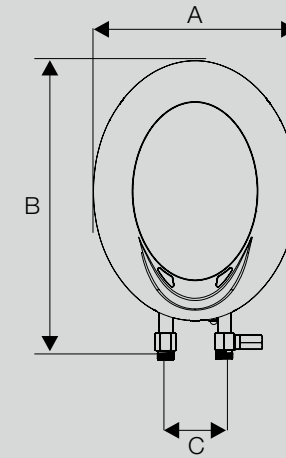


Warranty

Model	A	B	C	D	E
Opal EC 1 L	230 mm	326 mm	66 mm	210 mm	295 mm
Opal EC 3 L	250 mm	320 mm	60 mm	235 mm	335 mm

*ISI available only in 1 L model

Technical Dimensions: (in mm)





Flagro



Capacity : 6 L
Color : White



Dual electromagnetic Valve



Over heat protection



20 min timer protection



Anti-dry burning protection



Child lock safety device



Low water pressure protection



High water pressure protection



Flame out protection



Heat exchanger

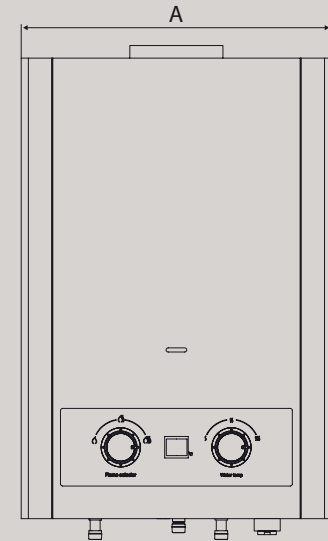


Warranty



Model	A	B	C	D
Flagro 6 L	300 mm	120 mm	445 mm	140 mm



Note: All dimensions are in mm, dimensions tolerance ± 5 mm
Available in LPG & NG

Technical Dimensions: (in mm)







TECHNICAL INFORMATION

S. No. PARAMETER		Puro Turbo DX			NaZZ		
							
1	Rated capacity in L	10 L	15 L	25 L	10 L	15 L	25 L
2	Mounting	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
3	Rated voltage in V & frequency in Hz	230 V, 1 Phase 50 Hz AC					
4	Rated power input in W	1000 W / 2000 W / 3000 W	1000 W / 2000 W / 3000 W	1000 W / 2000 W / 3000 W	2000 W	2000 W	2000 W
5	Rated input current in A	4.4 A / 8.7 A / 13 A	4.4 A / 8.7 A / 13 A	4.4 A / 8.7 A / 13 A	8.69 A	8.69 A	8.69 A
6	Thermostat cutout temperature (°C)	75 °C	75 °C	75 °C	75 °C	75 °C	75 °C
7	Rated pressure in MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa
8	Standing loss in kWh / 24 hours / 45 °C	0.365 kWh	0.419 kWh	0.511 kWh	0.365 kWh	0.419 kWh	0.511 kWh
9	Reheating time in minutes to raise 50 °C	12 min	16 min	30 min	15 min	30 min	40 min
10	Weight of water heater in kg						
	Empty	8.2 kg	9 kg	12.2 kg	8.6 kg	9.5 kg	13.8 kg
	Water filled	18.4 kg	24.4 kg	37.4 kg	19.5 kg	24.5 kg	38.5 kg
11	Water proof degree	IP X 4	IP X 4	IP X 4	IP X 4	IP X 4	IP X 4
12	Class of appliance	Class I	Class I	Class I	Class I	Class I	Class I


S. No. PARAMETER		Instanio Prime			
					
1	Rated capacity in L	6 L	10 L	15 L	25 L
2	Mounting	Vertical	Vertical	Vertical	Vertical
3	Rated voltage in V & frequency in Hz	230 V, 1 Phase 50 Hz AC			
4	Rated power input in W	3000 W	2000 W	2000 W	2000 W
5	Rated input current in A	13.04 A	8.7 A	8.7 A	8.7 A
6	Thermostat cutout temperature (°C)	75 °C	75 °C	70 °C	70 °C
7	Rated pressure in MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa
8	Standing loss in kWh / 24 hours / 45 °C	0.291 kWh	0.365 kWh	0.461 kWh	0.562 kWh
9	Reheating time in minutes to raise 50 °C	11 min	15 min	29 min	41 min
10	Weight of water heater in kg				
	Empty	5.9 kg	8 kg	8.6 kg	11.6 kg
	Water filled	12.1 kg	19 kg	24.1 kg	37.1 kg
11	Water proof degree	IP X 4	IP X 4	IP X 4	IP X 4
12	Class of appliance	Class 1	Class 1	Class I	Class I


TECHNICAL INFORMATION

S. No. PARAMETER		Senzo			Monza DX		
							
1	Rated capacity in L	10 L	15 L	25 L	10 L	15 L	25 L
2	Mounting	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
3	Rated voltage in V & frequency in Hz	230 V, 1 Phase 50 Hz AC					
4	Rated power input in W	2000 W	2000 W	2000 W	2000 W	2000 W	2000 W
5	Rated input current in A	8.7 A	8.7 A	8.7 A	8.7 A	8.7 A	8.7 A
6	Thermostat cutout temperature (°C)	75 °C	75 °C	75 °C	75 °C	75 °C	75 °C
7	Rated pressure in MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa
8	Standing loss in kWh / 24 hours / 45 °C	0.365 kWh	0.419 kWh	0.511 kWh	0.365 kWh	0.419 kWh	0.511 kWh
9	Reheating time in minutes to raise 50 °C	15 min	20 min	35 min	15 min	20 min	35 min
10	Weight of water heater in kg						
	Empty	8.6 kg	10.1 kg	12.8 kg	8.7 kg	10.2 kg	13.2 kg
	Water filled	18.9 kg	25.6 kg	38.1 kg	19 kg	25.7 kg	38.5 kg
11	Water proof degree	IP X 4	IP X 4	IP X 4	IP X 4	IP X 4	IP X 4
12	Class of appliance	Class I	Class I	Class I	Class I	Class I	Class I

S. No. PARAMETER		Monza DX			Monza EC H	
						
1	Rated capacity in L	35 L	50 L	100 L	35 L	50 L
2	Mounting	Vertical	Vertical	Vertical	Vertical	
3	Rated voltage in V & frequency in Hz	230 V, 1 Phase 50 Hz AC				
4	Rated power input in W	2000 W	2000 W	3000 W	2000 W	2000 W
5	Rated input current in A	8.7 A	8.7 A	13.04 A	8.7 A	8.7 A
6	Thermostat cutout temperature (°C)	75 °C	75 °C	75 °C	75 °C	75 °C
7	Rated pressure in MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa	0.8 MPa
8	Standing loss in kWh / 24 hours / 45 °C	0.584 kWh	0.675 kWh	0.875 kWh	0.706 kWh	0.816 kWh
9	Reheating time in minutes to raise 50 °C	70 min	90 min	130 min	70 min	90 min
10	Weight of water heater in kg					
	Empty	16.2 kg	20.5 kg	31.8 kg	16.7 kg	19.3 kg
	Water filled	52.7 kg	73 kg	135.6 kg	52.2 kg	69.8 kg
11	Water proof degree	IP X 4	IP X 4	IP X 4	IP X 4	IP X 4
12	Class of appliance	Class I	Class I	Class I	Class I	Class I

TECHNICAL INFORMATION

S. No. PARAMETER		Monza CF		
				
1	Rated capacity in L	15 L	25 L	
2	Mounting	Vertical	Vertical	
3	Rated voltage in V & frequency in Hz	230 V, 1 Phase 50 Hz AC		
4	Rated power input in W	2000 W	2000 W	
5	Rated input current in A	8.69 A	8.69 A	
6	Thermostat cutout temperature (°C)	75 °C	75 °C	
7	Rated pressure in MPa	0.8 MPa	0.8 MPa	
8	Standing loss in kWh / 24 hours / 45 °C	0.419 kWh	0.511 kWh	
9	Reheating time in minutes to raise 50 °C	22 min	45 min	
10	Weight of water heater in kg			
	Empty	11 kg	14 kg	
	Water filled	24.5 kg	38.5 kg	
11	Water proof degree	IP X 4	IP X 4	
12	Class of appliance	Class I	Class I	

S. No. PARAMETER		Monza Slim		
				
1	Rated capacity In L	10 L	15 L	25 L
2	Mounting	Horizontal	Horizontal / Floor	Horizontal / Floor
3	Rated voltage in V & frequency in Hz	230 V, 1 Phase 50 Hz AC		
4	Rated power input in W	2000 W	2000 W	2000 W
5	Rated input current In A	8.7 A	8.7 A	8.7 A
6	Thermostat cutout temperature (°C)	75 °C	75 °C	75 °C
7	Rated pressure in MPa	0.8 MPa	0.8 MPa	0.8 MPa
8	Standing loss in kWh / 24 hours / 45 °C	0.441 kWh	0.507 kWh	0.618 kWh
9	Reheating time in min to raise 50 °C	15 min	20 min	35 min
10	Weight of water heater in kg			
	Empty	9.1 kg	11 kg	15 kg
	Water filled	19.4 kg	26.6 kg	41 kg
11	Water proof degree	IP X 4	IP X 4	IP X 4
12	Class of appliances	Class I	Class I	Class I

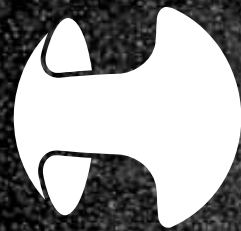
TECHNICAL INFORMATION

S. No. PARAMETER		Instanio			
					
1	Rated capacity in L	1 L	1 L	3 L	3 L
2	Mounting	Vertical	Vertical	Vertical	Vertical
3	Rated voltage in V & frequency in Hz	230 V, 1 Phase 50 Hz AC			
4	Rated power input in W	3000 W	4500 W	3000 W	4500 W
5	Rated input current in A	16 A	25 A	16 A	25 A
6	Thermostat cutout temperature (°C)	55 °C	55 °C	55 °C	55 °C
7	Rated pressure in MPa	0.65 MPa	0.65 MPa	0.65 MPa	0.65 MPa
8	Weight of water heater in kg				
	Empty	2.25 kg	2.25 kg	3 kg	3 kg
	Water filled	3.35 kg	3.35 kg	6.2 kg	6.2 kg
9	Water proof degree	-	-	-	-
10	Class of appliance	Class 1	Class 1	Class 1	Class 1

S. No. PARAMETER		Opal EC		
				
1	Rated capacity in L	1 L	1 L	3 L
2	Mounting	Vertical	Vertical	Vertical
3	Rated voltage in V & frequency in Hz	230 V, 1 Phase 50 Hz AC		
4	Rated power input in W	3000 W	4500 W	3000 W
5	Rated input current in A	16 A	25 A	16 A
6	Thermostat cutout temperature (°C)	55 °C	55 °C	55 °C
7	Rated pressure in MPa	0.65 MPa	0.65 MPa	0.65 MPa
8	Weight of water heater in kg			
	Empty	2.4 kg	2.4 kg	2.9 kg
	Water filled	3.6 kg	3.6 kg	6.1 kg
9	Water proof degree	-	-	-
10	Class of appliance	Class 1	Class 1	Class 1

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