



**VENUS**<sup>TM</sup>



**A Blend of Quality,  
Technology & Innovation**

# ABOUT VENUS

A pioneer in the water heater industry, Venus Home Appliances (P) Ltd., has been at the top of its business for over 55 years. With a vision to set a benchmark with uncompromised quality across the nation, Venus delivers unmatched product quality & features along with on-time after sale service to every customer. Venus has cemented its position as a market leader with its core values of Quality, Reliability and Performance.

## GLOBAL PRESENCE



Venus is one of the leading brands of water heaters in India and stands for Quality, Reliability and Performance; Venus is exporting water heaters and expanding its footprints around the world in more than 20 countries.

The conditions for Installation and water supply differs across countries.

Venus water heaters lasts for years across changing water quality conditions to give the end-users the required warmth and convenience.



Winner of the 'National Award for Quality Product' in 2000 by Govt. of India



Twice winner of the 'Tamil Nadu Quality Award'



55 year market leader and a pioneer in the water heater industry



ISO 9001 & 14001 Certification from BVC



IEC/EN certification from Intertek.



# CERTIFICATION

S & CE



G Mark



ISE - EN



ISO



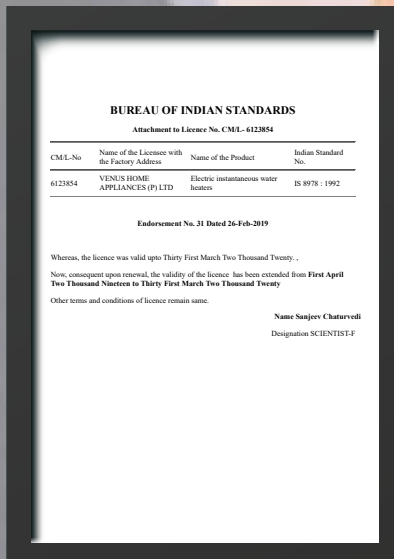
CB



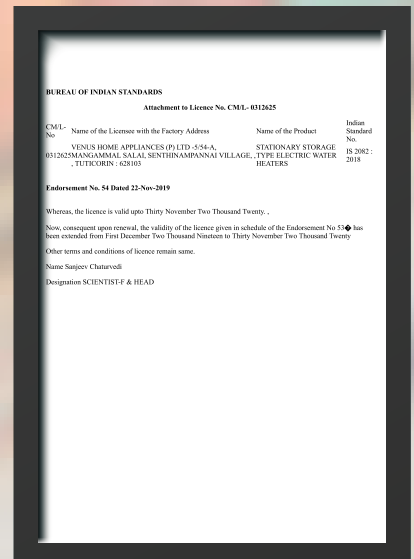
CB



BIS - INSTANT



BIS - STORAGE



# PORCELAIN ENAMELING

Porcelain Enameling - an European technology that creates a vitreous enamel layer which protects the heater from rust and corrosion. This technology was introduced in India for the first time by Venus. Porcelain Enamel is a glass - like coating which is fused at 830 °C to create a mechanical bond with the metal substrate which increases the durability of the heater.

Porcelain enamel tanks are widely used internationally and are approved for use in water heaters by BIS, IEC, DIN(German), UL(US) standards. In India, VENUS is the first manufacturer to start enameling with Dry Powder Enameling system which is superior to other type of coatings.

## Enameling Process- Hi-Tech Plant

Porcelain Enamel Glass lined tanks are produced in a world-class fully automated plant in Venus using the best raw materials and the highest quality assurance practices.



stage 1

### FORMING:

Deep drawing of 1.5, 1.8 and 2.0mm steel blanks to form lids in a heavy duty Hydraulic Press.



stage 2

### WELDING:

Welding of lids and shells in an automatic, Plasma/MIG Welding Line. All welded tanks are tested immediately at 3 bars pressure; 100% leakage free.



stage 3

### PRE-TREATMENT:

Inner surface of the tank is blasted at high pressure in the shot blasting machine to remove any surface impurities and oxides.



stage 4

### ENAMEL APPLICATION:

Dry Powder Enamel is sprayed on the tanks by 2 robots. Automatic controls maintain a homogenous coating thickness of 250 / 400µ across the surface of the tank.



stage 5

### FIRING:

Enamel coated tanks are fired inside the high temperature furnace at 830°C – 850°C. The enamel melts to fuse and bond with the steel to form a protective glass lining.



# Porcelain Enamel Tank



Manufactured in a modern, automated plant using European Technology. Glass lined coating protects the tank from rust and corrosion.



Upto 2mm Thick  
Steel Tank

Surface Treatment by  
Shot Blasting

Porcelain Enamel Coating  
250 - 400 $\mu$  Thick

## Types of Heating Element

We use different types of heating elements in our water heaters. They are designed for reliable & energy efficient performance in all types of water conditions. We have higher grade heating elements for hard water areas to resist scale deposits & premature failure. Ceramic Heating Element – hardwater proof and shock proof, Glasslined Incoloy Heating Element & Copper Heating Element.



  
Ceramic  
Heating Element



  
Glass lined Incoloy  
Heating Element



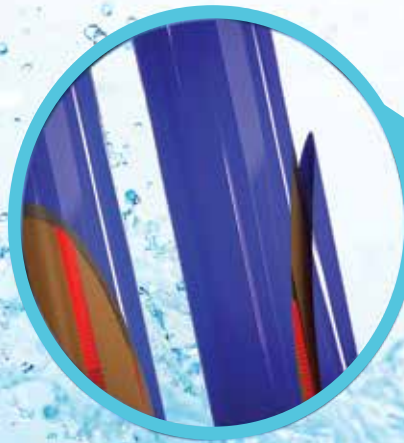
  
Copper  
Heating Element



# Scale Guard Technology



In Ceramic heating element, heat is transferred over a much larger surface area, which reduces the stress on heating element, lowers watts density/sq.cm and ensures less scale deposition on heating element.

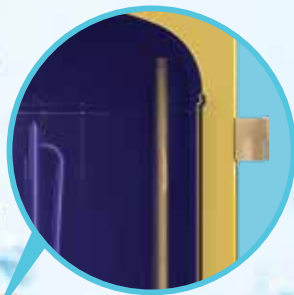


# Heat Retention Technology



Redesigned insulation & tank for retention of heat and reduction of thermal losses. Removal of thermal bridge between tank and external housing reduces heat loss by upto 16%. 360 degree coverage with upto 3cm thick PUF insulation ensures maximum heat retention.

Heat Retention Technology



Existing Technology



3cm Thick Puf Total Coverage



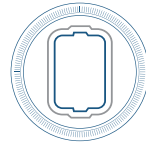
Thermal Bridge

# Vertical Series

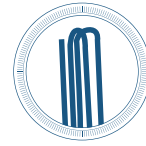
100% reliable, venus water heaters have sleek exteriors that only complement their performance. With a unique porcelain enamel tank, venus water heaters not only provide excellent heating, but also last really long and utilise much less energy than ordinary water heaters. For a unique bathing experience, look no further than venus.







**Porcelain Enamel  
Glass Lined Tank**



**Incoloy  
800 Element**



**Thick Polyurethane  
Foam (PUF) Insulation**



**8 bar pressure**



**Capillary  
Thermostat**



**Sacrificial  
Magnesium Anode**

Model		15EVX	30EVX	50EVX	80EVX	100EVX
Capacity	Ltr	15	30	50	80	100
Rated Power	W	1200	1200	1200 / 1500	1200 / 1500	1200 / 1500
Rated Pressure	bar	8	8	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	0 : 48 min	1 : 30 min	2 : 02 min	3 : 16 min	4 : 03 min
Gross / Net Weight	kg + 8%	13.5/11.13	20.76/18.23	22.0/19.2	29.4/26.2	34.0/30.4
Mount	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4	IPX4	IPX4	IPX4
ERP	Class	-	-	D	F	F

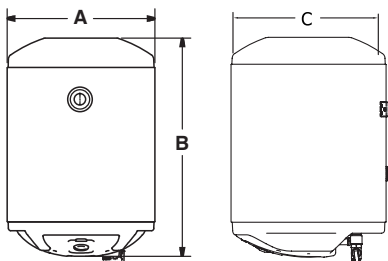
### Product Dimensions

(A)	mm	322	372	441	441	441
(B)	mm	505	580	560	810	950
(C)	mm	322	372	441	441	441

### Packing Box

Length	mm	375	415	475	475	475
Width	mm	375	415	472	472	472
Height	mm	585	625	605	855	1008
Container 20'/40'	Inches	360 / 585	258 / 622	180 / 475	122 / 325	96 / 250

Other Sizes Available (120, 150 & 200 Ltr)



**Incoloy 800  
Element**



**Stylish Control  
Knob**



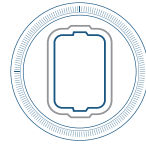
**Temperature  
Display**



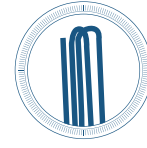
**Mounting Bracket**



# EVX1



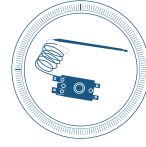
**Porcelain Enamel  
Glass Lined Tank**



**Incoloy  
800 Element**



**Thick Polyurethane  
Foam (PUF) Insulation**



**Capillary  
Thermal Cutout**



**Sacrificial  
Magnesium Anode**



**Rust Proof Lids**

Model		15EVX1	30EVX1	50EVX1	80EVX1	100EVX1
Capacity	Ltr	15	30	50	80	100
Rated Power	W	1200	1200	1200 / 1500	1200 / 1500	1200 / 1500
Rated Pressure	bar	8	8	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	0 : 48 min	1 : 30 min	2 : 02 min	3 : 16 min	4 : 03 min
Gross / Net Weight	kg + 8%	13.5/11.13	20.76/18.23	22.0/19.2	29.4/26.2	34.0/30.4
Mount	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4	IPX4	IPX4	IPX4
ERP	Class	-	-	D	F	F

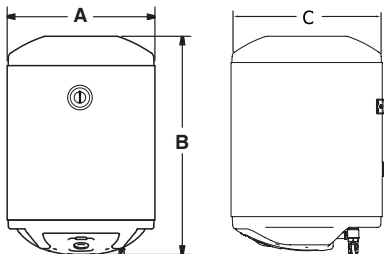
### Product Dimensions

(A)	mm	322	372	441	441	441
(B)	mm	505	580	560	810	950
(C)	mm	322	372	441	441	441

### Packing Box

Length	mm	375	415	475	475	475
Width	mm	375	415	472	472	472
Height	mm	585	625	605	855	1008
Container 20'/40'	Inches	360 / 585	258 / 622	180 / 475	122 / 325	96 / 250

Other Sizes Available (120, 150 & 200 Ltr)



**Incoloy 800  
Element**



**Temperature  
Display**

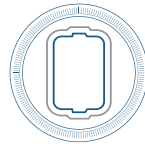


**Mounting Bracket**



**Stylish Control  
Knob**

# GVX - Ceramic Element Series



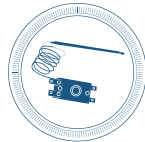
Porcelain Enamel  
Glass Lined Tank



Ceramic Heating  
Element



3cm Thick Polyurethane  
Foam (PUF) Insulation



Capillary  
Thermal Cutout



Sacrificial  
Magnesium Anode



8 bar pressure

Model		15GVX	30GVX	50GVX	80GVX	100GVX
Capacity	Ltr	15	30	50	80	100
Rated Power (GVX)	W	1000 W x 2 nos	1000 W x 2 nos	1000 W x 2 nos	1000 W x 2 nos	1000 W x 2 nos
Rated Power (GVX i)	W	1200 / 1500 / 2000	1200 / 1500 / 2000	1200 / 1500 / 2000	1200 / 1500 / 2000	1200 / 1500 / 2000
Rated Pressure	bar	8	8	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Time required to raise temp. at 50°C (h:min)		0 : 29 min	0 : 56 min	1 : 33 min	2 : 30 min	3 : 04 min
Gross / Net Weight	kg + 8%	15.19/12.82	22.87/20.15	27.64/22.49	33.07/27	41.100/34.14
Mount	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4	IPX4	IPX4	IPX4
ERP	Class	C	C	C	E	E

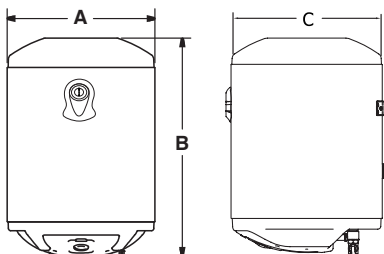
## Product Dimensions

(A)	mm	313	363	462	462	462
(B)	mm	505	580	590	810	1005
(C)	mm	313	363	462	462	462

## Packing Box

Length	mm	385	450	535	545	545
Width	mm	380	440	530	530	530
Height	mm	570	683	720	883	1140
Container 20'/40'	Inches	333 / 777	230 / 538	142 / 333	115 / 269	90 / 212

Other Sizes Available (150 Ltr)



Ceramic Heating  
Element



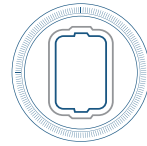
Temperatue  
Display



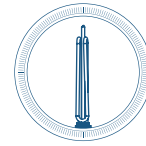
Mounting Bracket



Stylish Control  
Knob



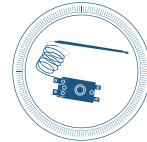
**Porcelain Enamel  
Glass Lined Tank**



**Threaded Copper  
Element**



**Thick Polyurethane  
Foam (PUF) Insulation**



**Capillary  
Thermal Cutout**



**Sacrificial  
Magnesium Anode**



**8 bar pressure**

Model		50LVX	80LVX	100LVX
Capacity	Ltr	50	80	100
Rated Power	W	2000	2000	2000
Rated Pressure	bar	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	1 : 33 min	2 : 30 min	3 : 04 min
Gross / Net Weight	kg + 8%	22.0/19.2	29.4/26.2	34.0/30.4
Mount	Vertical	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4	IPX4
ERP	Class	D	F	F

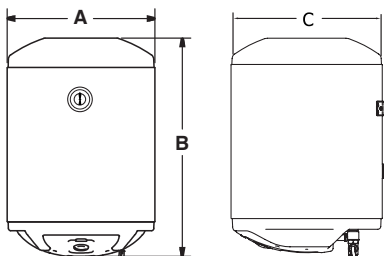
### Product Dimensions

A)	mm	441	441	441
(B)	mm	560	810	950
(C)	mm	441	441	441

### Packing Box

Length	mm	475	475	475
Width	mm	472	472	472
Height	mm	605	855	1008
Container 20'/40'	Inches	180 / 475	122 / 325	96 / 250

Other Sizes Available (150 Ltr)



**Copper Threaded  
Element**



**Temperature  
Display**



**Mounting Bracket**



**Stylish Control  
Knob**





**3cm Thick Polyurethane Foam (PUF) Insulation**



**Heat Retention Technology**



**Temperature Display**



**8 bar pressure**



**Sacrificial Magnesium Anode**



**Max Safety**

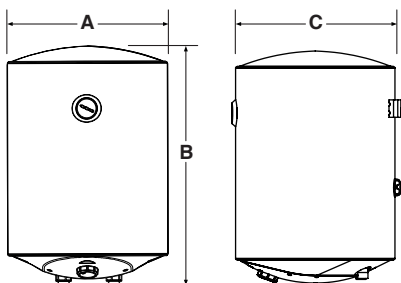
Model		10CVX	15CVX	30CVX	10CVX
Capacity	Ltr	10	15	30	50
Rated Power	W	1200	1200	1200	1200
Rated Pressure	bar	8	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	1 : 33 min	0 : 48 min	1 : 30 min	2 : 02 min
Gross / Net Weight	kg + 8%	9.6/8.5	13.5/11.13	20.76/18.23	22.0/19.2
Mount	Vertical	Vertical	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4	IPX4	IPX4
ERP	Class	C	C	C	C

### Product Dimensions

(A)	mm	321	322	372	371
(B)	mm	395	505	580	900
(C)	mm	321	322	372	371

### Packing Box

Length	mm	380	382	438	445
Width	mm	380	388	455	450
Height	mm	465	550	760	955
Container 20'/40'	Inches	454 / 1060	344 / 804	300 / 700	200 / 466



**Incoloy 800 Element**



**Temperature Display**



**Mounting Bracket**



**Stylish Control Knob**

# Vertical Slim Series



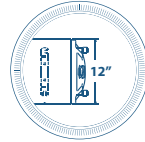
8 bar pressure



ABS Plastic Lids



Sacrificial Magnesium Anode



Slim Design With 12" Diameter



Capillary Thermostat



Disc Cutout

Model	VS	15VS	30VS	50VS
Capacity	Ltr	15	30	50
Rated Power	W	1200	1200	1200
Rated Pressure	bar	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	0 : 48 min	0 : 48 min	0 : 48 min
Gross / Net Weight	kg + 8%	13.5/11.5	17.1/14.6	42/32.3
Mount	Vertical	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4	IPX4

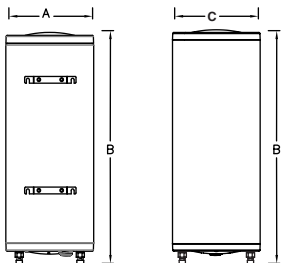
## Product Dimensions

(A)	mm	305	305	305
(B)	mm	475	644	1131
(C)	mm	305	305	305

## Packing Box

Length	mm	380	380	380
Width	mm	385	385	385
Height	mm	520	689	1176
Container 20'/40'	Inches	315 / 736	230 / 538	142 / 333

Other Sizes Available (80 Ltr & 100 Ltr)



Glass Lined Incoloy Element



Mounting Bracket



Stylish Control Knob

# Lyra Nexus

Smart Innovation in Water heaters for the Smarter You!!! The Latest in line is the all new Lyra Nexus. Technology at the tap of your Mobile to get the Warmth of your Water heater!!! Enjoy the convenience of Technology Wi-fi IoT using Venus Smart Cloud to control your water heater from anywhere in the world. A convenient trio of Smart modes for Energy savings, Smart schedulers to schedule on- off time and to get hot water without waiting & smart indicators for required warmth.



**Wifi - Enabled :**  
Set, Schedule & view  
at your convenience



**IoT Empowered  
W/H Operation  
across the World**





# LYRA Nexus



Venus Smart  
Cloud app



Smart Mode



Smart Heating  
Alert



Energy Data  
Analytics



Time to heat

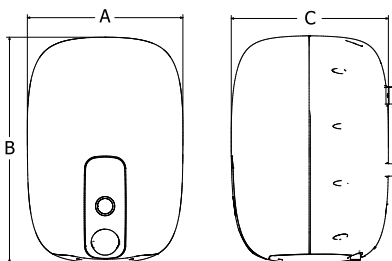


Single Click  
Customer Support

Model		15RW	25RW
Capacity	Ltr	15	25
Rated Power	W	2000	2000
Rated Pressure	bar	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	0 : 29 min	0 : 48 min
Gross / Net Weight	kg + 8%	12.1 / 9.8	15.2 / 12.8
Mount	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4

Product Dimensions			
(A)	mm	325	377
(B)	mm	470	530
(C)	mm	325	374

Packing Box			
Length	mm	375	430
Width	mm	375	430
Height	mm	558	614
Container 20'/40'	Inches	360 / 868	225 / 540



Glass Lined  
Incoloy Element



Multi-Function  
Display

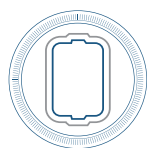


Mounting Bracket



IoT Empowered  
W/H Operation  
across the World

# Lyra



**Porcelain Enamel  
Glass Lined Tank**



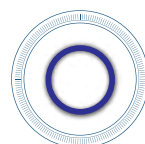
**Hard Water  
Protection**



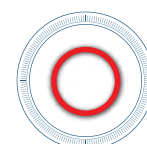
**Digital Display**



**8 bar pressure**



**Heating**

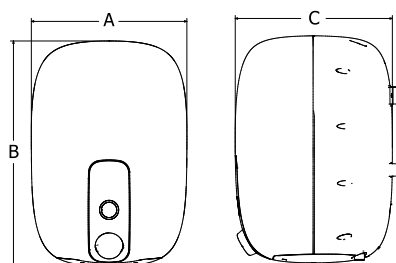


**Ready To Use**

Model		15R	25R
Capacity	Ltr	15	25
Rated Power	W	2000	2000
Rated Pressure	bar	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	0 : 29 min	0 : 48 min
Gross / Net Weight	kg + 8%	12.1 / 9.8	15.2 / 12.8
Mount	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4

Product Dimensions			
(A)	mm	325	377
(B)	mm	470	530
(C)	mm	325	374

Packing Box			
Length	mm	558	614
Width	mm	375	430
Height	mm	375	430
Container 20'/40'	Inches	360 / 868	225 / 540



**Glass Lined  
Incoloy Element**



**Smart Indicator  
LED Ring**



**Mounting Bracket**



**Stylish Control  
Knob**

# Horizontal Series

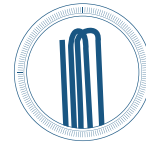
Introducing the Horizontal Series Waterheaters from Venus. It can save Space and enable installation over doors. It is very convenient to use above false ceilings and also in bathrooms with low ceilings.







**Porcelain Enamel  
Glass Lined Tank**



**Incoloy  
800 Element**



**Thick Polyurethane  
Foam (PUF) Insulation**



**8 bar pressure**



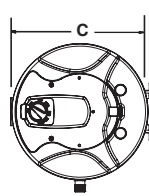
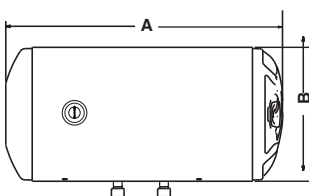
**Capillary  
Thermostat**



**Flexi Mount**

Model		50EHX	80EHX	100EHX
Capacity	Ltr	50	80	100
Rated Power	W	2000	2000	2000
Rated Pressure	bar	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	1 : 33 min	2 : 30 min	3 : 04 min
Gross / Net Weight	kg + 8%	22.0/19.2	29.4/26.2	34.0/30.4
Mount	Horizontal	Horizontal	Horizontal	Horizontal
IP Rating		IPX4	IPX4	IPX4
ERP	Class	D	F	F
<b>Product Dimensions</b>				
(A)	mm	560	810	950
(B)	mm	441	441	441
(C)	mm	441	441	441
<b>Packing Box</b>				
Length	mm	475	475	475
Width	mm	475	475	475
Height	mm	620	865	1015
Container 20'/40'	Inches	130 / 360	122 / 325	180 / 475

Other Sizes Available (150 & 200 Ltr)



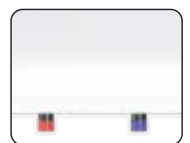
**Incoloy 800  
Element**



**Temperatur  
Display**



**Mounting Bracket**



**Inlet & Outlet**



**3cm Thick Polyurethane Foam (PUF) Insulation**



**Heat Retention Technology**



**Temperature Display**



**8 bar pressure**

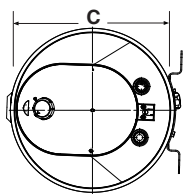
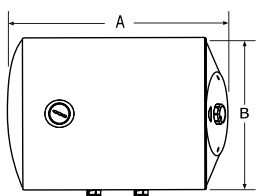


**Sacrificial Magnesium Anode**



**Disc Thermal Cutout**

Model		15CHX	30CHX	50CHX
Capacity	Ltr	15	30	50
Rated Power	W	2000	2000	2000
Rated Pressure	bar	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50
Time required to raise temp. at 50°C (h:min)		0 : 29 min	1 : 30 min	1 : 33 min
Gross / Net Weight	kg + 8%	13.5/11.13	20.76/18.23	22.0/19.2
Mount	Horizontal	Horizontal	Horizontal	Horizontal
IP Rating		IPX4	IPX4	IPX4
ERP	Class	B	C	D
<b>Product Dimensions</b>				
(A)	mm	505	545	560
(B)	mm	322	372	441
(C)	mm	322	372	441
<b>Packing Box</b>				
Length	mm	382	420	445
Width	mm	388	415	450
Height	mm	550	590	955
Container 20'/40'	Inches	348 / 813	300 / 700	180 / 475



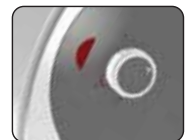
**Incoloy 800 Element**



**Temperature Display**

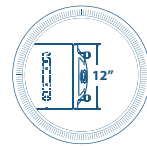


**Mounting Bracket**

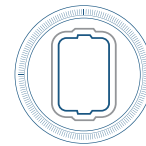


**Stylish Control Knob**

# Horizontal Slim Series



**Slim Design With  
12" Diameter**



**Glass Lined  
Tank**



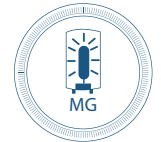
**Disc Cutout**



**8 bar  
pressure**



**ABS Plastic Lids**

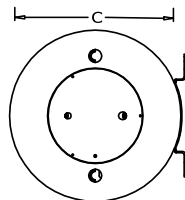
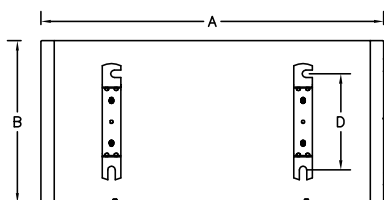


**Sacrificial  
Magnesium Anode**

Model		10HS	15HS	25HS
Capacity	Ltr	10	15	25
Rated Power	W	2000	2000	2000
Rated Pressure	bar	8	8	8
Rated Voltage	V / Hz	230 / 50	230 / 50	230 / 50
Time required to raise temp.	at 50°C (h:min)	0 : 19 min	0 : 29 min	0 : 48 min
Gross / Net Weight	kg + 8%	11.5/9.8	13.5/11.5	17.1/14.6
Mount	Horizontal	Horizontal	Horizontal	Horizontal
IP Rating		IPX4	IPX4	IPX4

Product Dimensions				
(A)	mm	355	475	645
(B)	mm	305	305	305
(C)	mm	305	305	305

Packing Box				
Length	mm	380	380	380
Width	mm	385	385	390
Height	mm	465	580	765
Container 20'/40'	Inches	428 / 1000	333 / 777	230 / 538



**Glass Lined  
Incoloy Element**



**Mounting Bracket**



**Stylish Control  
Knob**

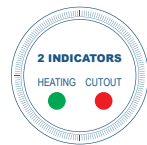
# Instant & Kitchen Series

The instant water heater range gives you hot water in seconds. They are compact and fit snugly into your bathroom, kitchen or clinic. Splash and Lava instant water heaters from Venus ensure hot water at the flick of a switch and let you save time and energy.





# Lava



Indicator Lamps



99.9% Pure Copper Tank



Multi-function Valve



Disc Thermostat

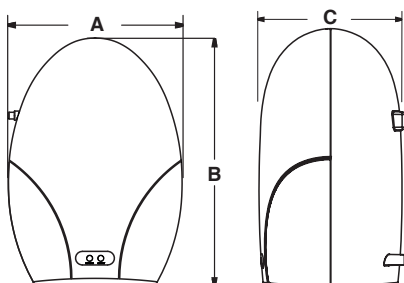


New Elegant Design

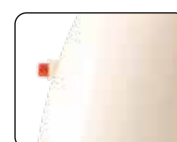


6 Bar Pressure

Model		3L30 / 3L45
Capacity	Ltr	3
Rated Power	W	3000 / 4500
Rated Pressure	bar	6
Rated Voltage	V / Hz	230 / 50
Gross / Net Weight	kg + 8%	3.4 / 2.8
Mount	Vertical	Vertical
IP Rating		IPX4
Product Dimensions		
(A)	mm	248
(B)	mm	353
(C)	mm	188
Packing Box		Master - 2/1
Length	mm	470
Width	mm	465
Height	mm	350
Container 20'/40'	Inches	450 / 1075



Indicator Light

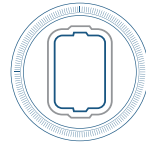


Reset Button



Wall Mounting

# Lyra



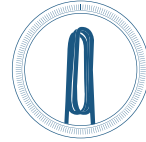
Procelain Enamel  
Glass Lined Tank  
(3 Litres)



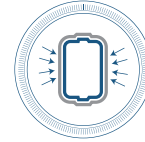
Hi-grade SS 304L  
Inner Tank (1 Litre)



8 Bar Pressure  
(3 Litres)



Copper Tubular  
Element

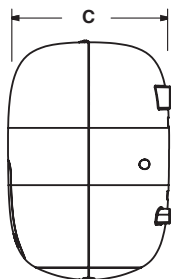
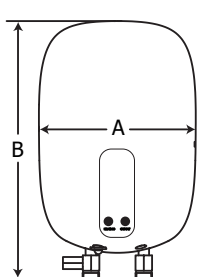


ABS Plastic  
Outer Body



6 Bar Pressure  
(1 Litres)

Model		R30 / R45	3R30 / 3R45
Capacity	Ltr	1	3
Rated Power	W	3000 / 4500	3000 / 4500
Rated Pressure	bar	6	8
Rated Voltage	V / Hz	230 / 50	230 / 50
Gross / Net Weight	kg + 8%	2.4 / 2.0	3.25 / 2.76
Mount	Vertical	Vertical	Vertical
IP Rating		IPX4	IPX4
Product Dimensions			
(A)	mm	189	220
(B)	mm	312	349
(C)	mm	192	223
Master Packing Box - 3/1		Master - 3/1	Master - 2/1
Length	mm	660	500
Width	mm	445	395
Height	mm	380	250
Container 20'/40'	Inches	272 / 636	600 / 1400



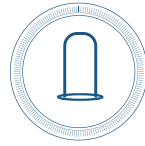
Indicator Light



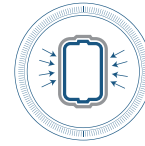
Reset Button



Wall Mounting



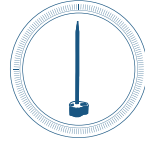
Hi-grade SS 304L Inner Tank



PP Outer Body



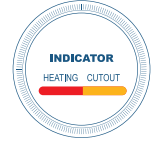
8 Bar Pressure (3 Litres)



Stem Thermostat

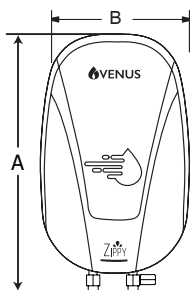


Stem Cutout



Indicator LED Light

Model		3Z30
Capacity	Ltr	3
Rated Power	W	3000 / 4500
Rated Pressure	bar	6
Rated Voltage	V / Hz	230 / 50
Gross / Net Weight	kg + 8%	3.25/2.760
Mount	Vertical	Vertical
IP Rating		IPX4
Product Dimensions		
(A)	mm	350
(B)	mm	190
(C)	mm	175
Packing Box		Master - 4/1
Length	mm	535
Width	mm	525
Height	mm	475
Container 20'/40'	Inches	230 / 538



Indicator Light



Elegant Design



Wall Mounting

# HALO - Flat Plate Solar Water Heater



Porcelain Enamel Glass Lined Tank: Manufactured in a modern, automated plant using European Technology. Protects the tank from rust and corrosion.



Flat plate collector with 100% copper fins coated in black for maximum absorption of solar radiation and effective heat transfer



Powder coated Outer body : Long life corrosion proof Pre coated outer cladding



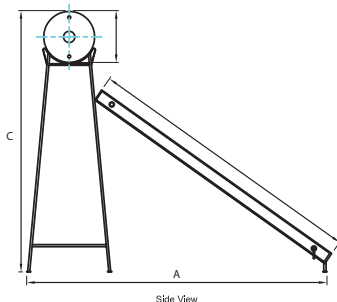
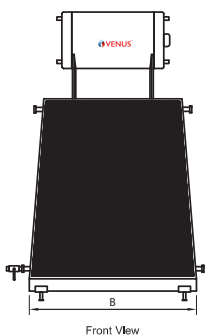
Extra thick 5cm PUF insulation for minimum heat loss

Description	HA100	HA200
Capacity	100 LPD	200 LPD
FP Collector	1 no	2 no
Safety Devices (Optional)	Thermostat	Thermostat
Pipe Connection	3/4"	3/4"
Electric Heating Element (Optional)	2 kw	2 kw
Rated Working Pressure	5 bar (5 kg/cm2)	5 bar (5 kg/cm2)
Daily Usage	4 Persons	8 Persons
Maximum No. of Outlets	2 nos	4 nos
Dimensions (in cm)		
Length (A)	93.5	154
Width (B)	66	66
Height (C)	66	66
Gross / Net Weight	36.5 / 29	58.82 / 49.06

Higher Capacity models are also available (500 LPD, 1000 LPD etc.)

\* Refer "Terms & Conditions" in User Manual.

\*\* Heat Exchanger 200lpd model also available



Powder coated MS stand - sturdy and rust resistant



Backup electric heating element for cold / rainy days (optional)



Pressure pump compatible 5 bar pressure rating



# HEAT PUMP Water Heater - Domestic Range



Porcelain Enamel Glass Lined Tank



Panasonic Compressor



WILO Pump



Expansion valve Saginomiya



Intelligent Electronic controller



High Energy Efficiency - COP of 4.0



Split system for flexible installation



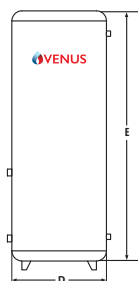
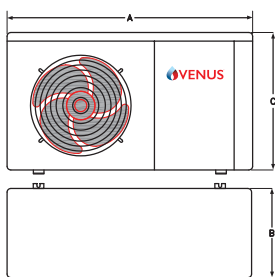
Water circulation technology



Low operating cost - more savings

Model		VDH3i	VDH5i	VDH8i			
Rated Heating Capacity	kW	3.6	5.3	8			
COP		4.0	4.1	4.0			
Rated Hot Water (55°C) Output Volume	L/h	75	115	175			
Rated input power	W	900	1300	2000			
Rated input current	A	4.1	5.9	9			
Power supply	V/Ph/Hz	220 - 240V, 1PH, 50Hz, AC					
Rated outlet temperature	°C	55					
Maximum outlet water temperature	°C	60					
Maximum power input	kW	1.26	1.82	2.8			
Ambient temperature	°C	-10°C ~ +45°C					
Fan discharging		Horizontal					
Heat exchanger type		Tube in Shell					
Noise level	dB(A)	≤53dB(A)	≤54dB(A)	≤55dB(A)			
Compressor type		Rotary x1					
Cabinet		Powder Coated					
Refrigerant		R410A					
Product dimension	mm	A B C 1000 x 365 x 560					
Cycle water flow	L/min	10 L/min	16 L/min	22 L/min			
Net weight	kg	47	55	63			
Guarantee	Product Tank	2 Years		1 Year			
Tank Capacity	Liters	100, 200, 300	500	1000			
Tank Coating		Vitreous Enamel Glass Lined		Epoxy			
PUF Insulation		5 cm Thickness					
Tank dimension	100 Lts	D 510	E 1000	-	D -	E -	
	200 Lts	560	1385	-	-	-	
	300 Lts	750	1650	-	-	-	
	500 Lts	-	-	1100	1400	-	-
	1000 Lts	-	-	-	-	1300	1900
Inlet Outlet Pipe size	Size	3/4"	1"	1 1/2"			

\* Testing condition - Heating: Ambient temp. (DB/WB): 20°C/15°C, water temp. (input/output): 15°C/55°C.



## Environmental Friendly Initiatives

Venus Water heaters have been continuously innovating to move to alternate packing solutions like column air packaging, instapak etc., replacing Thermocol packing, to become more environment friendly.

Our Water heaters have CFC/HCFC Free Insulation that has Low Global warming potential and Zero Ozone depletion potential. This ensures minimum damage to the ozone layer and minimum impact on global warming.

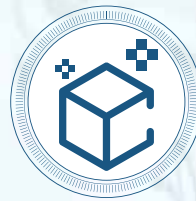
We use dry Enamelling process that use less amount of water and generates lesser waste.



**Low Global Warming**



**Ozone Friendly Insulation**



**New Generation Packaging**



**9001 & 14001  
ISO 9001 & 14001  
Certification from BVC**





**VENUS HOME APPLIANCES (P) LTD.**

4/993, Kamaraj Street, Rajiv Gandhi Salai (OMR), Kottivakkam,

Perungudi Post, Chennai - 600 096, India. Ph: 4340 1515

**Customer Care:** 08144666999 | **Whatsapp:** 09884064999

**Email:** [customercare@venushomeappliances.com](mailto:customercare@venushomeappliances.com) | **Website:** [www.venushomeappliances.com](http://www.venushomeappliances.com)