

WATER HEATERS

2023 - 2024



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VESTEL



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COMPANY PROFILE

VESTEL CITY, WHICH COMPRISES NINE PLANTS LOCATED IN MANISA, IS AMONGST THE BIGGEST INDUSTRIAL COMPLEXES OF THE WORLD.

>



20.000
Employees

1.300.000 m²
Closed Production Area

Export Leader of Turkey with
\$ 2,3 Billion

30 Million
Device Production
Capacity

\$ 3,5 Billion
Turnover

Vestel City, which comprises nine plants located in Manisa, is amongst the biggest industrial complexes of the world.

Comprised of 28 companies, Vestel Group is a multi-industry manufacturer that operates in consumer electronics, major domestic appliances, professional displays, automotive and battery solutions, and EV Chargers. Testimony to the global importance of Zorlu Holding across multiple technology sectors, Vestel is not only thriving at home in Turkey, but also through a further 11 subsidiaries that have been set up in various other parts of the world. Thanks to its renowned manufacturing and R&D complex, Vestel exports to more than 160 countries and keeps its position as a global player.

Vestel is one of the ten biggest major domestic appliances manufacturers in Europe, with its new product development ability, flexibility in production, and fast response to clients' demands.

Operating with an annual capacity of 4.9 million units, the company's two refrigerator plants produce a variety of models ranging from french door, no-frost, combi, double door, single door, to tabletop fridges and freezers, as well as built-in models.

Achieving similar success with washing machines, Vestel is able to produce 3.8 million units a year, with large models range from 4 kg to 12 kg drum capacities washer and 7kg/5kg, 8kg/6kg, 9kg/6kg, 10kg/6kg drum capacities washer/dryer. Vestel's product range also includes built-in washer and washer/dryer with the drum capacities of 7 kg, 8 kg and 7/5 kg.

Vestel tumble dryers are produced 1.2 million units a year, with models ranging from 7 kg to 12 kg capacities. The group is capable of producing both condenser and heat pump type of tumble dryers with high efficiency.

The plant for cooking appliances operates with an annual capacity of 2.7 million units, producing free standing cookers, built-in hobs and ovens.

The major domestic appliances product range includes free standing, semi and fully integrated dishwashers. The 86 cm high tall tub and deep tall tub dishwasher developed for the US market have started to be produced for the first time. The plant has the

capacity to produce 2.5 million units a year for now. New dishwasher factory is under construction and capacity will reach 4 million unit per year over time.

In addition, the air conditioner factory is capable of producing 420,000 sets of split-type models.

R&D facilities located in Turkey, the UK, and China employ the highest caliber engineers to develop hardware and software solutions that provide clients with world-class quality products.

VestelKom factory located in free trade zone of Izmir, has a special R&D team for manufacturing and testing batteries and EV Chargers, which is also exporting these goods to Europe with zero customs tax.

Vestel has proven its success in product design by receiving the most prestigious design awards every year from well-known industrial design organizations for a variety of products.

Vestel Trade, the company responsible for the marketing and sales of Vestel products overseas, exports 75% of its production under leading Japanese and European brands to 160+ countries.

Vestel appeals to different consumer tastes in 160+ countries with its wide range of products, which reflects its competencies in technological development, design and product customization. Accounting for 90% of Turkey's TV exports and 35% of the nation's white goods exports, Vestel has been an unwavering export leader in the Turkish electronics sector for the past 25 years.

For a sustainable future and transition to an economy based on net zero emissions, Vestel triggers transformation across the entire value chain. Leveraging the power of Industry 4.0 and automation to support the reduction of energy consumption through operational improvements and innovative products, Vestel implements circular models to improve resource efficiency in production and reduce our environmental impact from products.

Vestel aims to reach net zero emissions by 2050, first in its own operations and then in its entire value chain. Vestel is working on decarbonization plan as part of its commitment to set Science Based Targets (SBTi).



GLOBAL OPERATIONS

MANUFACTURING & ASSEMBLY PLANTS

>

TV, Set-top Boxes

Manisa, Turkey - Kobierzyce, Poland

Professional Displays, Tablet PC, LED lighting

Manisa Turkey

Refrigerator, Washing Machine, Dishwasher, Tumble Dryer, Cooking Appliances, Air Conditioner, Water Heater

Manisa, Turkey

R&D Centers

Manisa, Turkey

Istanbul, Turkey

Bristol, United Kingdom

Shanghai, China

Marketing & Sales Companies

Vestel Trade, Turkey

Vestel France, France

Vestel Germany, Germany

Vestel UK, United Kingdom

Vestel Iberia, Spain

Vestel Poland, Poland

Vestel Benelux, Netherlands

Vestel CIS Ltd, Russia

Vestel Electronica, Romania

Vestel Central Asia, Kazakhstan

Vestel Electronics Gulf, Dubai

ENDURANCE AGAINST THE HIGH PRESSURE

>



Special production method and high quality of material tanks resist up to extremely high pressures.



Very Low Leakage Risk

With single welding line, Vestel water heaters have really low leakage risk.

OVERHEAT PREVENTION

>



Vestel water heaters have overheat prevention to avoid harmful effects to the product and users from the unexpected overheating.

ANTI-CORROSION TANK PROTECTIONS

>

With Blue-Glass Lined tank coating, Magnesium anode and Dyed inlet, outlet pipes, corrosion is no longer a problem anymore.

Excellent Corrosion Resistance

High quality stainless steel heating elements ensure excellent corrosion resistance performance.



PREVENTION AND PROTECTION

>

Freeze Prevention



If the supply water temperature decreases below critical temperatures, water heaters is going to heat up the water to safe temperatures rapidly to prevent the product.

* Only available in digital models

Dry Operation Protection



If there is any unusual situation, the protection algorithm is activated in order to prevent the water heater from being damaged

Low Voltage Protection



Water heaters protect themselves and stop working until the voltage values reach the suitable value for operation.



TURBO FUNCTION

>

When turbo function is on, the second heating element is activated, heating can be provided faster up to 40%.

DYNAMIC ECO FUNCTION

>



Dynamic Eco Function provides an average of 10% energy savings with its smart algorithm in comparison to classical eco functions.

SMART CLEAN FUNCTION

>

Vestel water heaters protect you from the micro-organisms could be pullulated in water.

* Only available in digital models

MODELS

>
Square Series



Digital



Mechanical



User friendly



Energy saver



Environmentalist

TRD SERIES

>

Square Boost Digital

General Features

Overheat prevention
Anti-corrosion tank protection
Magnesium Anode Rod
High pressure protection with safety valve
Single weld line on the inner tank
High-tech green polyurethane insulation (CP95)

Extra Features

Two Stainless Steel immersion heating element
User Friendly Digital Control Panel
Precise Temperature Adjustment and Reading
Dynamic Eco Function
Smart Clean Function
Dry Operation Protection
Freeze Prevention
Low Voltage Protection



Factory model	TR50D30	TR65D30	TR80D30	TR100D30
Capacity	50L	65L	80L	100L
Energy Class (EU)	C	C	C	C
Rated Maximum Temperature	75	75	75	75
Power Consumption	1800+1200W	1800+1200W	1800+1200W	1800+1200W
High Operation Pressure	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)
Protection Against Humidit	IP24	IP24	IP24	IP24
Product Size (mm)	430x456x631	430x456x761	430x456x891	430x456x1054
Packaged Product Size (mm)	494x494x710	494x494x840	494x494x970	494x494x1133
Weight (net/gross) (kg)	21/24	24/27	27/30	30/33
Container loads 20'(Pcs)	132	114	88	88
Container loads 40'(Pcs)	288	248	192	192
Container loads 40'HQ(Pcs)	360	288	240	192
Standard Optima Truck(Pcs)	405	324	270	216

Color options



TRD SERIES



Square Digital

General Features

Overheat prevention
Anti-corrosion tank protection
Magnesium Anode Rod
High pressure protection with safety valve
Single weld line on the inner tank
Stainless Steel immersion type heating element
High-tech green polyurethane insulation (CP95)

Extra Features

User Friendly Digital Control Panel
Precise Temperature Adjustment and Reading
Dynamic Eco Function
Smart Clean Function
Dry Operation Protection
Freeze Prevention
Low Voltage Protection

Factory model	TR35D15	TR50D20	TR65D20	TR80D20	TR100D20
Capacity	35L	50L	65L	80L	100L
Energy Class (EU)	C	C	C	C	C
Rated Maximum Temperature	75	75	75	75	75
Power Consumption	1500W	2000W	2000W	2000W	2000W
High Operation Pressure	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)
Protection Against Humidit	IP24	IP24	IP24	IP24	IP24
Product Size (mm)	430x456x631	430x456x631	430x456x761	430x456x891	430x456x1054
Packaged Product Size (mm)	494x494x580	494x494x710	494x494x840	494x494x970	494x494x1133
Weight (net/gross) (kg)	18/21	21/24	24/27	27/30	30/33
Container loads 20'(Pcs)	171	132	114	88	88
Container loads 40'(Pcs)	368	288	248	192	192
Container loads 40'HQ(Pcs)	384	360	288	240	192
Standard Optima Truck(Pcs)	432	405	324	270	216

Color options



TRA SERIES

>

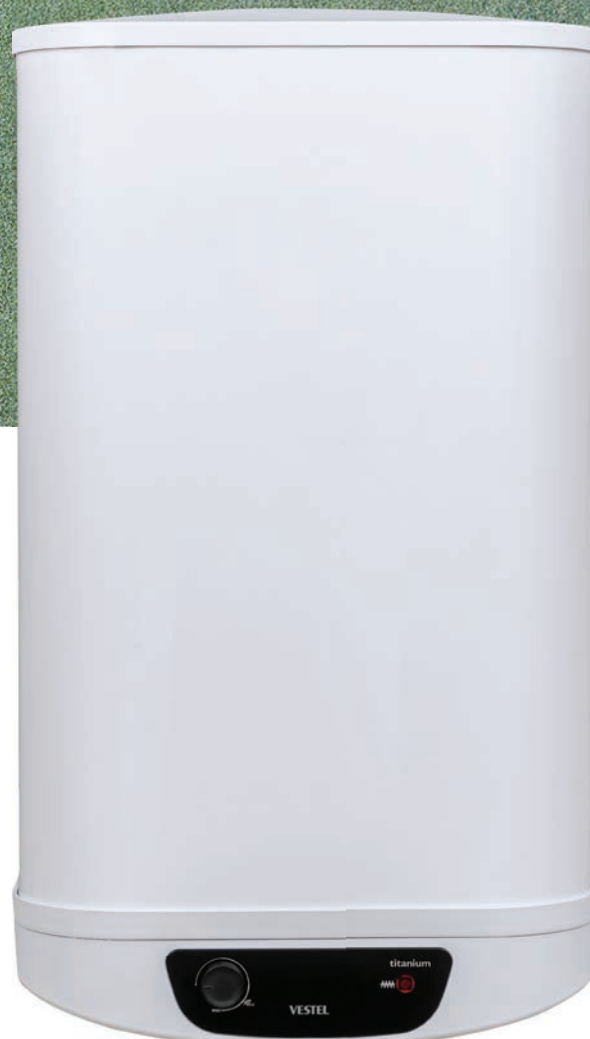
Square Mechanical

General Features

Eco temperature indicator
Led power indicator
Overheat prevention
Dry Operation Protection
Anti-corrosion tank protection
Magnesium Anode Rod
High pressure protection with safety valve
Single weld line on the inner tank
Stainless Steel immersion type heating element
High-tech green polyurethane insulation (CP95)

Optional Features

Temperature Indicator



Factory model	TR35A15	TR50A20	TR65A20	TR80A20	TR100A20
Capacity	35L	50L	65L	80L	100L
Energy Class (EU)	C	C	C	C	C
Rated Maximum Temperature	75	75	75	75	75
Power Consumption	1500W	2000W	2000W	2000W	2000W
High Operation Pressure	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)
Protection Against Humidity	IP24	IP24	IP24	IP24	IP24
Product Size (mm)	430x456x631	430x456x631	430x456x761	430x456x891	430x456x1054
Packaged Product Size (mm)	494x494x580	494x494x710	494x494x840	494x494x970	494x494x1133
Weight (net/gross) (kg)	18/21	21/24	24/27	27/30	30/33
Container loads 20'(Pcs)	171	132	114	88	88
Container loads 40'(Pcs)	368	288	248	192	192
Container loads 40'HQ(Pcs)	384	360	288	240	192
Standard Optima Truck(Pcs)	432	405	324	270	216

Color options



MODELS

> Cylindrical Series



Digital



Mechanical



User friendly



Energy saver



Environmentalist

TED SERIES

>

Cylindrical Digital

General Features

Overheat prevention
Anti-corrosion tank protection
Magnesium Anode Rod
High pressure protection with safety valve
Single weld line on the inner tank
Stainless Steel immersion type heating element
High-tech green polyurethane insulation (CP95)

Extra Features

User Friendly Digital Control Panel
Precise Temperature Adjustment and Reading
Dynamic Eco Function
Smart Clean Function
Dry Operation Protection
Freeze Prevention
Low Voltage Protection



Factory model	TE35D15	TE50D20	TE65D20	TE80D20	TE100D20
Capacity	35L	50L	65L	80L	100L
Energy Class (EU)	C	C	C	C	C
Rated Maximum Temperature	75	75	75	75	75
Power Consumption	1500W	2000W	2000W	2000W	2000W
High Operation Pressure	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)
Protection Against Humidity	IP24	IP24	IP24	IP24	IP24
Product Size (mm)	Φ427x475	Φ427x605	Φ427x735	Φ427x865	Φ427x1028
Packaged Product Size (mm)	478x478x543	478x478x673	478x478x803	478x478x933	478x478x1096
Weight (net/gross) (kg)	14/16	17/19	20/22	23/25	27/29
Container loads 20'(Pcs)	192	114	120	120	96
Container loads 40'(Pcs)	400	300	258	250	200
Container loads 40'HQ(Pcs)	400	375	300	250	200
Standard Optima Truck(Pcs)	680	560	420	350	340

Color options



TEA SERIES



Cylindrical Mechanical

General Features

Eco temperature indicator

Led power indicator

Overheat prevention

Dry Operation Protection

Anti-corrosion tank protection

Magnesium Anode Rod

High pressure protection with safety valve

Single weld line on the inner tank

Stainless Steel immersion type heating element

High-tech green polyurethane insulation

(CP95)

Optional Features

Temperature Indicator

Factory model	TE35A15	TE50A20	TE65A20	TE80A20	TE100A20
Capacity	35L	50L	65L	80L	100L
Energy Class (EU)	C	C	C	C	C
Rated Maximum Temperature	75	75	75	75	75
Power Consumption	1500W	2000W	2000W	2000W	2000W
High Operation Pressure	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)
Protection Against Humidit	IP24	IP24	IP24	IP24	IP24
Product Size (mm)	Φ427x475	Φ427x605	Φ427x735	Φ427x865	Φ427x1028
Packaged Product Size (mm)	478x478x543	478x478x673	478x478x803	478x478x933	478x478x1096
Weight (net/gross) (kg)	14/16	17/19	20/22	23/25	27/29
Container loads 20'(Pcs)	192	144	120	120	96
Container loads 40'(Pcs)	400	300	258	250	200
Container loads 40'HQ(Pcs)	400	375	300	250	200
Standard Optima Truck(Pcs)	680	560	420	350	340

Color options



TEB SERIES



Cylindrical Mechanical Bottom Controlled

General Features

Eco temperature indicator
 Led power indicator
 Overheat prevention
 Dry Operation Protection
 Anti-corrosion tank protection
 Magnesium Anode Rod
 High pressure protection with safety valve
 Single weld line on the inner tank
 Rod Thermostat
 Copper immersion type heating element
 High-tech green polyurethane insulation (CP95)

Optional Features

Temperature Indicator

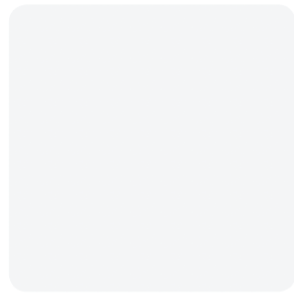


Factory model	TE35B15	TE50B20	TE65B20	TE80B20	TE100B20
Capacity	35L	50L	65L	80L	100L
Energy Class (EU)	C	C	C	C	C
Rated Maximum Temperature	85	85	85	85	85
Power Consumption	1200W	2000W	2000W	2000W	2000W
High Operation Pressure	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)	1 MPa(10 Bars)
Protection Against Humidit	IP24	IP24	IP24	IP24	IP24
Product Size (mm)	Φ427x482	Φ427x612	Φ427x742	Φ427x872	Φ427x1035
Packaged Product Size (mm)	478x478x543	478x478x673	478x478x803	478x478x933	478x478x1096
Weight (net/gross) (kg)	14/16	17/19	20/22	23/25	27/29
Container loads 20'(Pcs)	192	144	120	120	96
Container loads 40'(Pcs)	400	300	258	250	200
Container loads 40'HQ(Pcs)	400	375	300	250	200
Standard Optima Truck(Pcs)	680	560	420	350	340

Color options



COLOR OPTIONS



WHITE



GRAY

TEMPERATURE INDICATOR OPTIONS



COLOR COMBINATIONS



Notes

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