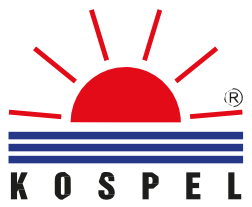




ELECTRIC INSTANTANEOUS WATER HEATERS

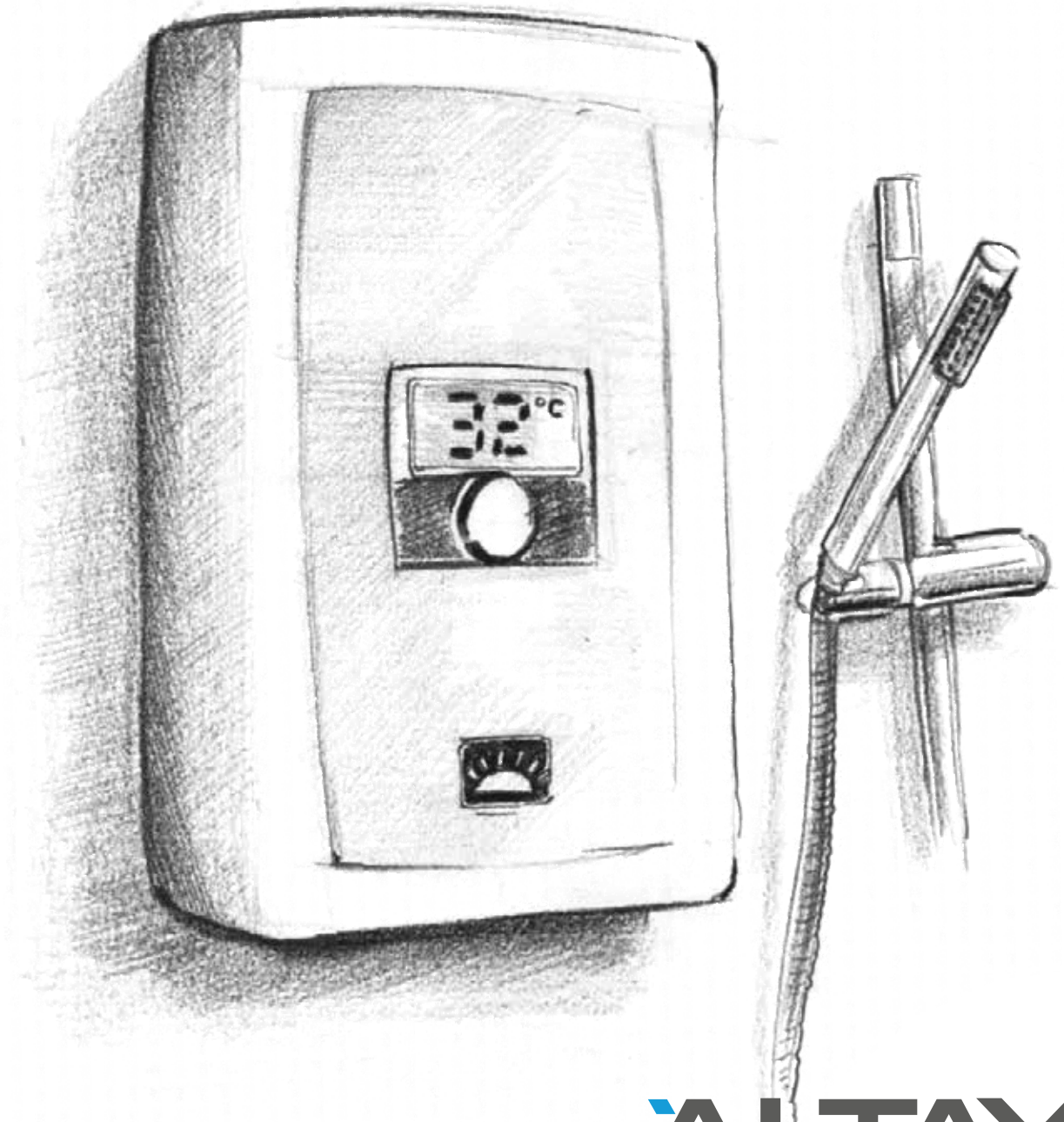


- Efficiency
- Easy Installation
- Reliable Operation



Gersan Sitesi Tahsin Kahraman Cd. No: 94/1 06370 Yenimahalle-Ankara-TURKEY
T: +90(312) 397 3060 • F: +90(312) 397 3344






info@altayisisistem.com.tr
www.altayplumbing.com.tr





Electric Instantaneous Water Heaters













Type	EPS Twister EPJ Optimus	EPJ.P Primus
Rated Power (kW)	3.5,4.4,5.5	4.4, 5.5
Rated Voltage	230V~	230V~
Applications	Hand wash from 3.5 kW  from 3.5 kW  5.5 kW	The right shower in a summer house  EPJ.P   EPJ.PU
Connection to pipe system	• non-pressure, single outlet	• non-pressure, single outlet
Power Control	• EPS 5.5- manual power switch	-
Water temperature control	• flow rate	• flow rate
Advantages	<ul style="list-style-type: none">• metal mixer tap included• fine-stream spray-head gives up to 50% savings on water and electricity• EPJ-copper heating elements guarantee long life and resistance to air bubbles• EPJ-regulating valve allows to set optimal temperature/flow• EPS 3.5 - electric cord with a plug	<ul style="list-style-type: none">• copper heating elements guarantee long life and resistance to air bubbles• shower set included,• regulating valve allows to set optimal temperature/flow• fine-stream spray-head gives up to 50% savings on water and electricity• EPJ.PU - shower-sink version
Water pressure(Bar)	1.2-6	1.2-6
Water connection (m- outer thread, f-inner thread)	1/2”M	1/2”M
Dimensions (HxWxD)(mm)	EPSTwister 211x140x70 EPJOptimus 200x214x95	200x214x95
weight (Net)(kg)	EPSTwister ~1.4 EPJOptimus ~2.9	~2.2

Technical Data							
Rated Power	kW	3,5	4,4	5,5	4	5	6
Rated Voltage		230V~			230V~/400V~ 2N~		
Rated Current	A	15,2	19,1	23,9	17,4/8,7	21,7/10,9	26,1/13,0
Electric Mains Section	mm2	3x1,5	3x2,5		3x2,5/4x1,5		3x4/4x2,5
Efficiency (at 30°C rise)	L/min	1,7	2,1	2,7	1,9	2,4	2,9

Electric Instantaneous Water Heaters














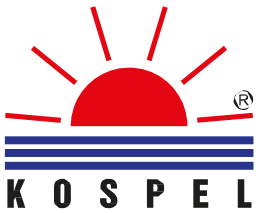
Type	EPO Amicus	EPMH	EPME
Rated Power (kW)	4,5,6	7.5,8,8.5	5.5/6/6.5/7/7.5/8/8.5
Rated Voltage	230V~/400V 2N~	230V~	230V~
Applications	Usually used in kitchen  from 4 kW   from 4 kW**  6 kW	Single phase multi point high power   	Single phase electronic controlled heater with an LCD display   
Connection to pipe system	pressure EPO.D–undersink • EPO.G–oversink	• pressure, multi-point	• pressure, multi-point
Power Control	-	• Manuel power switch	• Electronic
Water temperature control	-flow rate	• flow rate	• from 30º 60º
Advantages	<ul style="list-style-type: none">• copper heating elements guarantee long life and resistance to air bubbles.• electric mains connection, either single phase or two-phase• fine-stream spray-head gives up to 50% savings on water and electricity• use only 1 tap at a time	<ul style="list-style-type: none">• adjustable wall and bottom water connections• copper heating elements guarantee long life and resistance to air bubbles.• summer and winter modes (power limiter)	<ul style="list-style-type: none">• adjustable wall and bottom water connections• 7 powers in 1 heater• anti-burn device to prevent (maximum water temperature blockade),• LCD display shows water temperatures, flow rate and current power consumed• unique low voltage warning• slave/master entry, it will switch off another high power appliance (for exp. an electric boiler) not to exceed the power connected to your house)• works on pre-heated water (pre-heated for example by a solar collector or a heat pump); pre-heating allowed up to 700C)
Water pressure (Bar)	1.2–6	1–6	1-6
Water connection (m- outer thread, f-inner thread)	1/2”M	1/2”F	1/2”F
Dimensions (HxWxD)(mm)	209x229x87	350x200x110	350x200x110
weight (Net)(kg)	~2.4	~3.3	~3.3

Technical Data									
Rated Power	kW	4	5	6	6,5	7	7,5	8,0	8,5
Rated Voltage		230V~/400V~ 2N~				230V~			
Rated Current	A	17,4/8,	21,7/10,9	26,1/13,0	28,5	30,6	32,7	34,8	37,0
Electric Mains Section	mm2	3x2,5/4x1,5		3x4/4x2,5	3x4		3x6		
Efficiency (at 30°C rise)	L/min	1,9	2,4	2,9	3,1	3,4	3,6	3,9	4,1





Type	PPH2 hydraulic	PPE2 electronic LCD	PPVE electronic easy touch	Type	KDH Luxus hydraulic	KDE Bonus electronic	EPP Maximus electronic
Rated Power (kW)	9, 12, 15, 18, 21	9/12/15, 18/21/24, 27	9/12/15, 18/21/24, 27	Rated Power (kW)	9, 12, 15, 18, 21, 24	9, 12, 15, 18, 21, 24, 27	36
Rated Voltage	400V 3~	400V 3~	400V 3~	Rated Voltage	400V 3~	400V 3~	400V 3~
Applications	Universal multi point heater  12-15 kW  from 18 kW	Electronic controlled heater with an LCD display  from 12 kW  from 18 kW	The first water heater with LCD touch screen  from 12 kW  from 18 kW	Applications	High quality, reliable construction  12-15 kW  from 18 kW	Electronic control system  from 12kW  from 18 kW	The highest efficiency of hot water production 
Connection to pipe system	• pressure, multi point	• pressure, multi point	• pressure, multi point	Connection to pipe system	• pressure, multi point	• pressure, multi point	• pressure, multi point
Power Control	• Automatic, 2 stage	• Electronic	• Electronic	Power Control	• Automatic, 2 stage	Electronic	• Electronic
Water temperature control	• flow rate	• from 30º to 60º	• from 30º to 60º	Water temperature control	• flow rate	• from 30º to 60º	• from 30º to 60º
Advantages	• summer and winter modes (power limiter)	• LCD display shows water temperatures, flow rate and current power consumed • 3 powers in 1 heater • memory of 3 most frequently used temperatures • anti-burn device to prevent your children or disabled persons, (maximum water temperature blockade) • LCD display shows water temperatures, flow rate and current power consumed • works on pre-heated water (pre-heated for example by a solar collector or a heat pump); pre-heating allowed up to 70°C)	• LCD touch-screen display allows to read the inlet and outlet water temperature, the water flow rate and power with which the unit currently heats • 3 powers in 1 heater • temperature memory function allows the user to save three most frequently used water temperature • works on pre-heated water • anti-burn device to prevent your children or disabled persons, (maximum water temperature blockade) • water flow sensor activates at very low pressure 1 bar and flow rate as little as 2,5 l/min	Advantages	• copper shielded heating elements ensure long life, resistance to water decay and air bubbles • regulating valve allows for setting comfortable temperature at maximum possible flow of water. • summer and winter modes (power limiter)	• copper shielded heating elements ensure long life, resistance to water decay and air bubbles • priority switch to limit kW used, ensures co-operation with another electric high power consumption appliance e.g. electric boiler • water flow sensor activates at very low pressure 1 bar and flow rate as little as 2,5 l/min • works on pre-heated water (pre-heated for example by a solar collector or a heat pump); pre-heating allowed up to 70°C	• copper shielded heating elements ensure long life, resistance to water decay and air bubbles • priority switch to limit kW used, ensures co-operation with another electric high power consumption appliance e.g. electric boiler • water flow sensor activates at very low pressure 1 bar and flow rate as little as 2,5 l/min., • works on pre-heated water (pre-heated for example by a solar collector or a heat pump); pre-heating allowed up to 70°C)
Water pressure (Bar)	2.5-6	1-6	1-6	Water pressure (Bar)	1,5-6	1-6	1-6
Water connection m-outer thread, f- inner thread	1/2”F	1/2”F	1/2”F	Water connection m-outer thread, f- inner thread	1/2”F	1/2”F	1/2”F
Size (HxWxD)(mm)	440x245x126	440x245x126	440x245x126	Size (HxWxD) (mm)	440x245x120	440x245x120	492x315x140
Weight (Net)(kg)	~ 4.0	~ 4.0	~ 4.0	Weight (Net)(kg)	~ 4.3	~ 4.3	~ 9.1



Technical Data									
Rated Power	kW	9	12	15	18	21	24	27	36
Rated Voltage		400V 3~							
Rated Current	A	3x13,0	3x17,3	3x21,7	3x26,0	3x30,3	3x34,6	3x39,0	3x52,0
Electric Mains Section	mm2	4x1,5	4x2,5		4x4		4x6		4x10
Efficiency (at 30°C rise)	L/min	4,3	5,8	7,2	8,7	10,1	11,6	13,0	17,3

Key advantages of using electric instantaneous water heaters


1. Easy and inexpensive to install. They do not require a flue or chimney system.
2. No risk of explosion, pollution or carbon monoxide poisoning.
3. No electricity wasted. They heat water only when you turn on the hot water tap.
4. Small, compact size allows to install them near the water outlet point.
5. Endless amount of hot water – you are not limited to the hot water stored in the tank.
6. Optimal choice of water heater ensures the best comfort and efficient use of energy



OSV Slim
Storage
Water
Heaters



TypeOSV Slim

Storage Capacity(L)	20, 30, 40, 50, 60, 80
Rated Power/Voltage	2000W / 230V~
Connection to pipe system	pressure, multi point
Temperature Control Range	7–77 (°C)
Advantages	<ul style="list-style-type: none">• Slim storage water heater was designed specially for places with limited space. Thanks to reducing the width to 36cm only, it occupies much less space than traditional storage water heaters.• Pickled steel sheet covered with enamel ensures high durability of the tank.• A thick thermal isolation minimizes the thermal loss and limits the electric energy use.• Magnesium anode creates additional active anticorrosion protection and enhances reliability. <div><p>Kospel boasts the most modern fully automatic dry enamelling line for manufacturing hot water cylinders. The dry enamelling technology is an advanced method of applying enamel with optimal thickness over an entire inner surface of cylinder. This method as compared to traditional wet enamelling technology improves quality of enamel coat and ensures long-lasting cylinder performance.</p></div>
Rated Pressure(Bar)	6
Inlet and Outlet Section	1/2”M
Distance between inlet and outlet	110

Technical Data							
Storage Capacity	L	20	30	40	50	60	80
Heating time for 40°C	h	0,45	0,67	0,89	1,14	1,43	1,86
24hrs electricity losses	kWh/24h	0,5	0,57	0,63	0,70	0,76	0,82
Dimensions (heightXdiameter)	mm	427x363	519x363	689x363	809x363	927x363	1167x363
Weight(without water)	kg	13	15	20	22	25	30
Applications							

POC-5 Luna
Inox Storage
Water
Heaters



TypePOC Luna inox

Storage Capacity(L)	5
Rated Power/Voltage	2000W / 230V~
Connection to pipe system	Pressure Version POC.D–undersink POC.G – oversink
Temperature Control Range	23-70 (°C)
Advantages	<ul style="list-style-type: none">• tank made of stainless steel, resistant to corrosion.• anode not needed.• 2kW shortens the heating time down to 5,5 min. at 25' temp. rise• anti-frost protection, temperature setting at 7°C
Rated Pressure(Bar)	6
Inlet and Outlet Section	1/2”F
Safety Class	IP 24

Technical Data		
Storage Capacity	L	5
Heating time for 25°C	min	5,5
Dimensions (heightXdiameter)	mm	427x285x163
Weight(without water)	kg	4,4
Applications		

We also
manufacture:

- electric boilers for central/- underfloor wet heating systems
- solar collectors
- vertical hot water cylinders 100 - 400 litres
- horizontal hot water cylinders for cooperation with solid fuel boilers, 80 - 140 litres

