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Up to 40%*
more hot water.

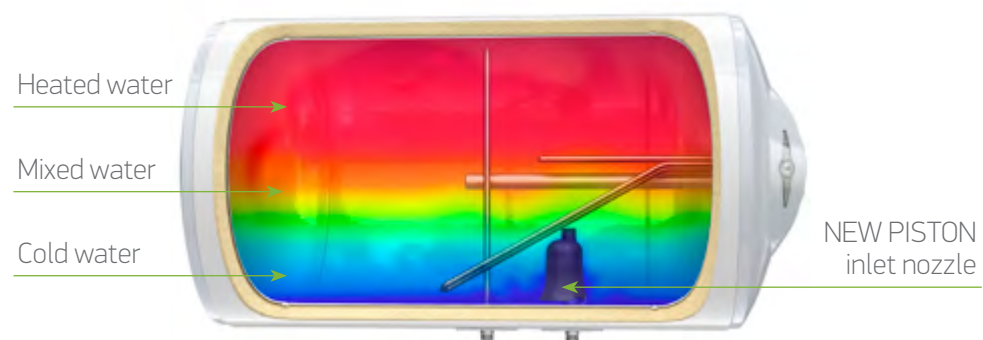
* For TESY BiLight horizontal models with NEW PISTON nozzle, compared to TESY BiLight horizontal models with previous PISTON nozzle.

NEW PISTON NOZZLE
REVOLUTIONARY SOLUTION FOR MORE HOT WATER

ADVANTAGES

New inlet nozzle generation by TESI

With the **NEW PISTON** nozzle a horizontal TESI water heater delivers a comparable quantity of hot water as a vertical one.



The new design of the inlet nozzle creates PISTON effect - slowing down the infusion of the incoming cold and the already heated water in the appliance. This ensures more hot water, whose quantity depends on the specific model.

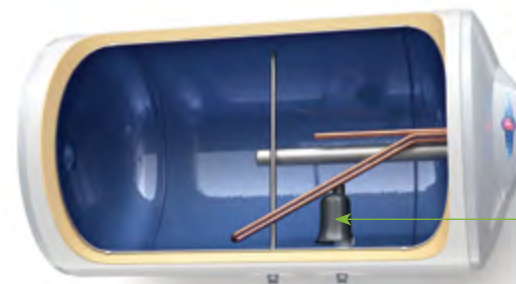
Up to 40%* more hot water for TESI BiLight horizontal models with NEW PISTON, compared to TESI BiLight horizontal models with previous PISTON.

MODEL	MAX 40** previous PISTON Horizontal	MAX 40** NEW PISTON Horizontal	MAX 40** previous PISTON Vertical
	litres	litres	litres
BiLight 80	125	146	145
BiLight 100	152	177	176
BiLight 120	144	213	218
BiLight 150	164	240	257

* Depending on the model.

** Max 40 - the maximum volume of hot water that the electric water heater can provide while operating at maximum temperature
All pictures shown are for illustration purposes only.

MODELS



NEW PISTON inlet nozzle

MODEL	BILIGHT 80 H	BILIGHT 100 H	BILIGHT 120 H	BILIGHT 150 H
CODE	GCH(L) 8044 30 B12 TSR	GCH(L) 100 44 30 B12 TSR	GCH(L) 120 44 30 B12 TSR	GCH 15044 30 B12 TSRC
TESY NUMBER	305319 L 305328	305324 L 305320	305316 L 305321	305325
Real volume	L 82	100	120	143
Diameter	mm 440	440	440	440
Rated power	W 3000	3000	3000	3000
Heating time – Δ t 45 K (15 - 60° C)	1 h 25 min	1 h 44 min	2 h 05 min	2 h 29 min
Annual consumption of electricity	kWh 1422	2750	2727	2748
Energy class	C	C	C	C
Load profile	M	L	L	L
*T out of box	°C 60	60	60	70
**V 40	L 111	138	160	240
*** T max	°C 70	70	70	70
****Max 40	L 146	177	213	240
Insulation	mm 18	18	18	18
PRODUCT SIZE				
Height	mm 440	440	440	440
Width	mm 855	995	1160	1325
Depth	mm 467	467	467	467

* T out of box - the optimal operating temperature of the specific model of electric water heater, set by the manufacturer

** V 40 - the volume of hot water that the electric water heater can provide while operating on T out of box

*** T max - the maximum operating temperature of the electric water heater

**** Max 40 - the maximum volume of hot water that the electric water heater can provide while operating at maximum temperature