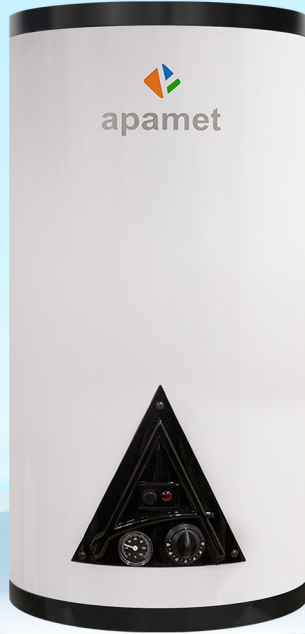


2
YIL
WARRANTY


APAYDIN
ISITMA



Hot Water Source

www.apaydinisi.com.tr

About Us

*We are strong
together*

The Apaydın Heating and Energy Systems Industry, which was established by the Apaydın Family, which combined its century-long history with the industrial sector in the last 20 years. Trade Ltd. Sti. It produces 'boilers' with enamel inside and polyurethane insulation outside in its 6000 m2 closed area, and high quality and reasonable price policy is applied in the heat and energy sector.

In a short time, it has gained a respectable place among the boiler manufacturers with its high quality, timely delivery and reasonable price policy in the market. APAYDIN Heating Group produces enamel coated single/double serpentine vertical boiler and storage tank, copper boiler, heat pump boiler, thermo boiler and proboiler from 50 LT to 5000 LT under the APAMET brand. APAMET boiler products are sold to all corners of Turkey and are also exported to Europe, Asia, Africa and America.

Apaydın Heating and Energy Systems is one of the leading boiler manufacturers in Turkey and is taking firm steps forward with the aim of being among the top 10 boiler manufacturers of the world with this energy.

Apamet Boiler, is the brand of Apaydın Grup Metal Pazarlama San. Tic. A.Ş.

OUR CERTIFICATES



TSE CERTIFICATE



CE CERTIFICATE



ISO CERTIFICATE



DOMESTIC GOODS
CERTIFICATE



TRADE REGISTRATION
CERTIFICATE

IN 2023



Heat Pump Water Heater

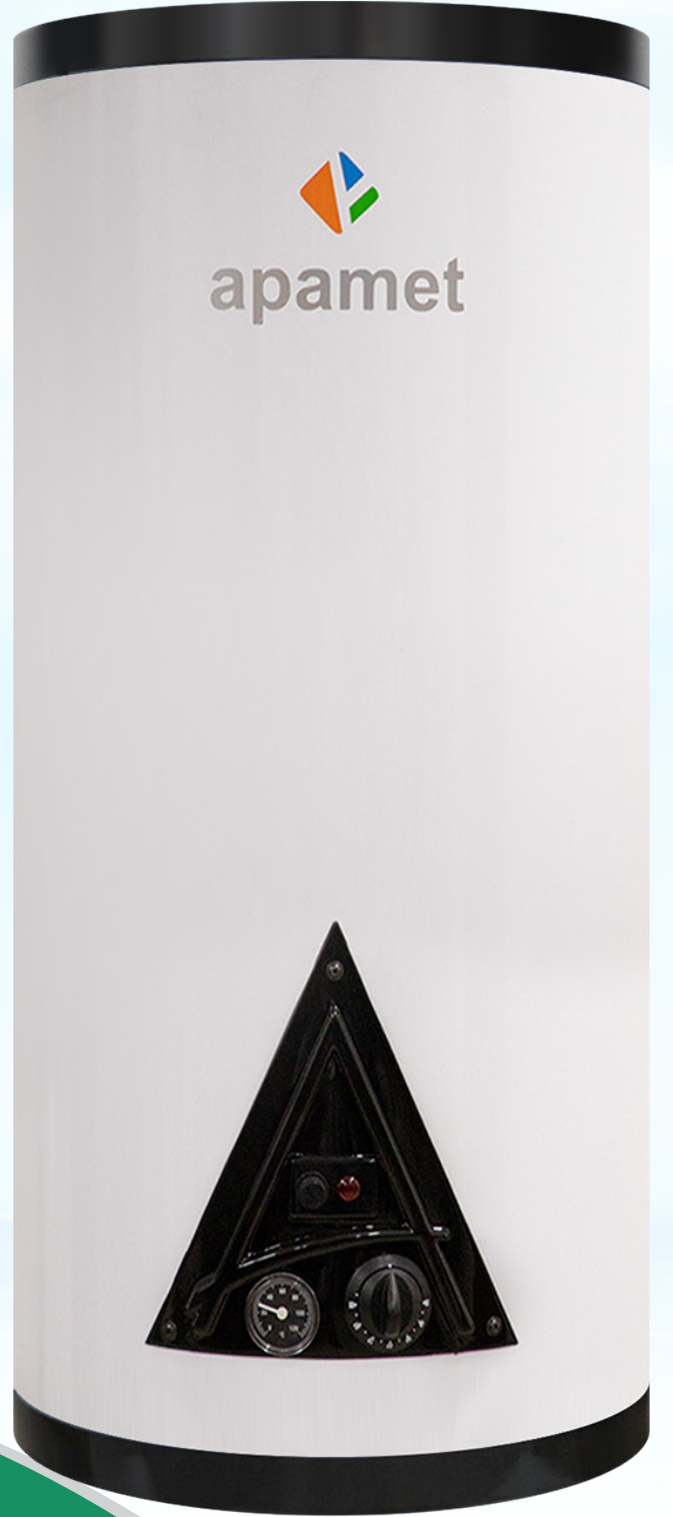


LOADING...



Apamet THERMO BOILER

APAMET Thermoboiler has an aesthetic and innovative design and is produced in accordance with internationally recognized CE standards. The inner surface is covered with enamel that is resistant to corrosion and provides 100% hygiene in accordance with DIN 4753 standard. In addition to electrical energy, it can meet the need for hot water from other heat sources (central heating, solar energy, etc.). Having a wide range of products with steel serpentine and modular copper serpentine provides advantages for our customers. When the domestic water temperature is sufficient, there is no need to use electrical energy. It is used wherever hot water is needed depending on the place of use and capacity.



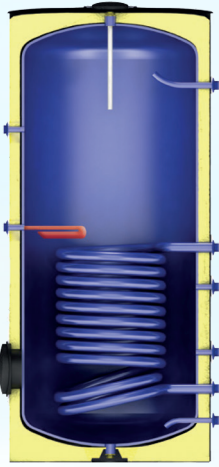
APAYDIN
ISITMA VE ENERJİ SİSTEMLERİ SAN. TİC. LTD.

Apamet HEAT PUMP BOILER

APAMET Enamel Boilers have an aesthetic and innovative design and are produced in accordance with internationally recognized CE standards. Thanks to its special design, the heat energy obtained in the serpentine shows a homogeneous distribution into the boiler. The inner surface is covered with enamel that is resistant to corrosion and provides 100% hygiene in accordance with DIN 4753 standard. The heat pump tank has been designed to be integrated with all heat pump systems. Due to its high serpentine surface area, it provides domestic water or heating water quickly. An electric heater can be optionally installed as a second energy source. APAMET Heat Pump Boiler is used in hotels, buildings, villas, factories and wherever hot water is needed.

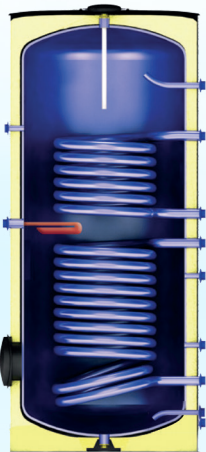


APAYDIN
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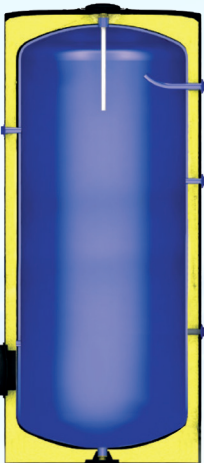
SINGLE SERPENTINE BOILER

APAMET Enamel Boilers have an aesthetic and innovative boiler design and are produced in accordance with internationally recognized CE standards. Thanks to its special design, the heat energy obtained in the serpentine shows a homogeneous distribution into the boiler. The inner surface is covered with enamel, which is corrosion resistant and provides 100% hygiene in accordance with DIN 4753 standard. Single Serpentine Boilers are devices that enable the heat obtained as a result of using one of the solar energy or boiler heating systems to be transferred to the utility water with the help of the serpentine and are used to obtain the domestic hot water uninterruptedly. An electric heater can be optionally installed as a second energy source. APAMETTek Serpentine Fast Boiler is used in hotels, buildings, villas, factories and wherever hot water is needed.



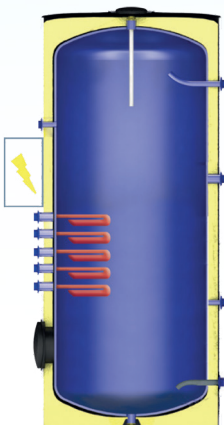
DOUBLE SERPENTINE BOILER

APAMET Enamel Boilers have an aesthetic and innovative boiler design and are produced in accordance with internationally recognized CE standards. Thanks to its special design, the heat energy obtained in the serpentine shows a homogeneous distribution into the boiler. The inner surface is covered with enamel, which is corrosion resistant and provides 100% hygiene in accordance with DIN 4753 standard. Double Serpentine Boilers are devices used to transfer the heat obtained from solar collectors to the utility water with the help of the upper serpentine. In cases where solar energy is not sufficient, the heat obtained from the boiler or combi is transferred to the utility water with the help of the upper coil. For this reason, double serpentine boilers provide the hot water need in a very economical way in our western and southern regions, which see more sun during the winter months. As the third energy source, an electric heater can be optionally installed. APAMET Double Serpentine Fast Boiler is used in hotels, buildings, villas, factories and wherever hot water is needed.



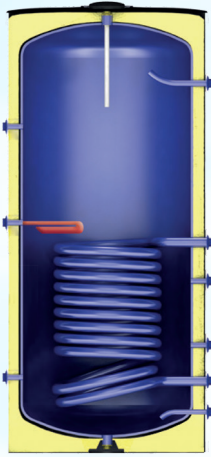
ACCUMULATION TANK

APAMET Accumulation Tank has an aesthetic and innovative boiler design and is produced in accordance with internationally recognized CE standards. The inner surface is covered with enamel, which is corrosion resistant and provides 100% hygiene in accordance with DIN 4753 standard. The most important feature that distinguishes the storage tanks from the boilers is that there is no serpentine inside and that they use an external heater (plate heat exchanger, tube heat exchanger, boiler, chiller, fan coil...etc). APAMET Accumulation Tank is used in hotels, buildings, villas, factories and wherever hot water is needed.



ELECTRIC BOILER

APAMET Electric Boilers have an aesthetic and innovative boiler design and are produced in accordance with internationally recognized CE standards. Thanks to its special design, the heat energy obtained in the serpentine shows a homogeneous distribution into the boiler. The inner surface is covered with enamel, which is corrosion resistant and provides 100% hygiene in accordance with DIN 4753 standard. Enamelled APAMET Electric Heater Boiler, which provides the preparation and storage of hot water with electrical energy in places where there is no heat source (hot water boiler, steam boiler, solar energy panels, etc.), is used in hotels, buildings, villas, factories and wherever hot water is needed.



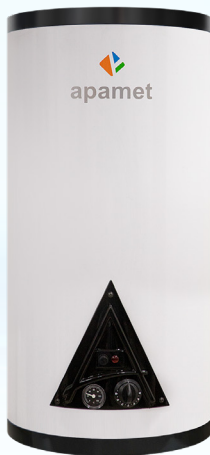
PRO BOILER

APAMET Enamel Boilers have an aesthetic and innovative boiler design and are produced in accordance with internationally recognized CE standards. Thanks to its special design, the heat energy obtained in the serpentine shows a homogeneous distribution within the boiler. The inner surface coating is covered with enamel, which is resistant to corrosion in accordance with DIN 4753, providing 100% hygiene. Pro Boilers are devices that enable the heat obtained as a result of the use of solar energy or one of the boiler heating systems to be transferred to the utility water with the help of serpentine and are used to obtain domestic hot water uninterruptedly. An electric heater can be optionally installed as a second energy source. APAMET Pro Boiler is used in hotels, buildings, villas, factories and wherever hot water is needed.



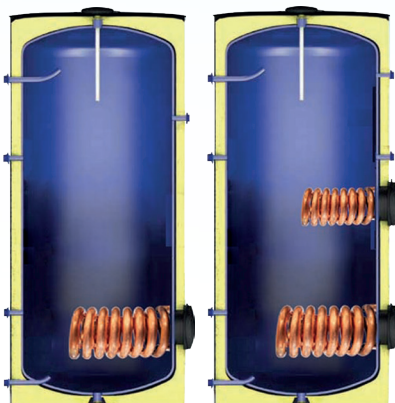
HEAT PUMP BOILER

APAMET Emaye Boilers have an aesthetic and innovative design and are produced in accordance with internationally recognized CE standards. Thanks to its special design, the heat energy obtained in the serpentine shows a homogeneous distribution into the boiler. The inner surface is covered with enamel that is resistant to corrosion and provides 100% hygiene in accordance with DIN 4753 standard. The heat pump tank has been designed to be integrated with all heat pump systems. Due to its high serpentine surface area, it provides domestic water or heating water quickly. An electric heater can be optionally installed as a second energy source. APAMET Heat Pump Boiler is used in hotels, buildings, villas, factories and wherever hot water is needed.



THERMO BOILER

APAMET Thermoboiler has an aesthetic and innovative design and is produced in accordance with internationally recognized CE standards. The inner surface is covered with enamel that is resistant to corrosion and provides 100% hygiene in accordance with DIN 4753 standard. In addition to electrical energy, it can meet the need for hot water from other heat sources (central heating, solar energy, etc.). Having a wide range of products with steel serpentine and modular copper serpentine provides advantages for our customers. When the domestic water temperature is sufficient, there is no need to use electrical energy. It is used wherever hot water is needed depending on the place of use and capacity.



COPPER SERPENTINE BOILER

APAMET Boilers have an aesthetic and innovative boiler design and reach higher performance when combined with copper tube serpentine. It is produced in accordance with internationally recognized CE standards. The most important feature of the standard lengths is that the serpentine can be disassembled and changed. The advantage of the coil with copper pipes is that the heat transfer produces hot water in a shorter time than other coils. The inner surface of the boiler is covered with enamel, which is corrosion resistant and provides 100% hygiene in accordance with DIN 4753 standard. APAMET Single Serpentine Copper Tube Boiler and APAMET Double Serpentine Copper Tube Boiler are used in hotels, buildings, villas, factories and wherever hot water is needed.

ELITE ELECTRIC BOILER

	Unit	100	150	200	300	400	500	800	1000	1500	2000	2500	3000	4000	5000
Capacity	lt	100,8	146,4	187,1	288,2	405,1	500,5	759,7	975	1469	1834	2376	2690	4237	4923
Inner diameter	mm	400	450	500	600	600	600	750	850	1100	1100	1280	1280	1600	1600
Outer Diameter	mm	460	510	560	660	660	660	850	950	1200	1200	1380	1380	1700	1700
Height	mm	1120	1240	1240	1270	1750	2080	2240	2250	2100	2470	2350	2590	2870	3180
Pallet sizes	mm	500X500	550X550	600X600	700X700	700X700	700X700	850X850	950X950	1200X1200	1200X1200	1400X1400	1400X1400	1700X1700	1700X1700
Cold Water Boiler Inlet	inch	3/4	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/2	2	2	2	2	2	2 1/2	2 1/2
Hot Water Boiler Inlet	inch	3/4	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/2	2	2	2	2	2	2 1/2	2 1/2
Circulation	inch	3/4	3/4	3/4	1	1	1	2	1 1/2	1 1/2	1 1/2	2	2	2	2
Anode Connection	inch	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Electric Heater Input	inch	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Cleaning Flange	inch	4	4	4	4	4	4	5	5	5	5	5	5	8	8
Heater Power	Kw	1x4,5	1x6	1x7,5	1x10	1x15	2x10	2x15	3x15	4x15	5x15	5x15	5x15	5x15	5x15
Insulation Thickness	mm	30	30	30	30	30	30	50	50	50	50	50	50	50	50
Insulation Density	kg/m ³	18	18	18	18	18	18	15	15	15	15	15	15	15	15

COPPER PIPE SINGLE SERPENTINE TECHNICAL CAPACITY TABLE

	Unit	800	1000	1500	2000	2500	3000
Pipe Length	m	20	21	31,5	38	41,5	46
Pipe Diameter	mm	19,05	19,05	19,05	19,05	19,05	19,05
Serpentine Surface Area	m ²	1,28	1,40	1,90	2,31	2,58	2,80
Serpentine Test Pressure	bar	60	60	60	60	60	60

PRO BOILER

		Birim	100	200	300	500
Capacity (Net Internal Water Volume)	lt		97,3	180	279,2	489,2
Inner diameter	mm		400	500	600	600
Outer Diameter	mm		460	560	660	660
Height	mm		1130	1240	1270	2080
Pallet sizes	mm		500X500	600X600	700X700	700X700
Cold Water Boiler Inlet	inch		3/4	3/4	1	1
Hot Water Boiler Inlet	inch		3/4	3/4	1	1
Circulation	inch		3/4	3/4	1	1
Heating Fluid Hot Inlet-Serpentine	inch		1	1	1	1
Heating Fluid Cool Inlet-Serpentine	inch		1	1	1	1
Serpentine Heating Surface Area	m ²		0,40	0,80	1,01	1,21
Anode Connection	inch		1 1/4	1 1/4	1 1/4	1 1/4
Electric Heater Input	inch		1 1/4	1 1/4	1 1/4	2
Gross weight	kg		40,4	68,56	89	138,44
Insulation Thickness	mm		30	30	30	30
Insulation Density	kg/m ³		18	18	18	18

COPPER PIPE DOUBLE SERPENTINE TECHNICAL CAPACITY TABLE

	Unit	800	1000	1500	2000	2500	3000
Pipe Length Bottom	m	18	20	22	28	31,5	38
Pipe Length Top	m	11,5	12	14	18,5	21	24,5
Pipe Diameter	mm	19,05	19,05	19,05	19,05	19,05	19,05
Serpentine Surface Area Sub	m ²	1,06	1,19	1,31	1,69	1,92	2,21
Serpentine Surface Area Top	m ²	0,70	0,78	0,87	1,12	1,28	1,47
Serpentine Test Pressure	bar	60	60	60	60	60	60

COPPER PIPE DOUBLE SERPENTINE TECHNICAL CAPACITY TABLE

	Birim	800	1000	1500	2000	2500	3000
Capacity	lt		759,7	975	1469	1834	2376
Inner diameter	mm		750	850	1100	1100	1280
Outer Diameter	mm		850	950	1200	1200	1380
Height	mm		2240	2250	2100	2470	2350
Pallet sizes	mm		850X850	950X950	1200X1200	1200X1200	1400X1400
Cold Water Boiler Inlet	inch		1 1/2	2	2	2	2
Hot Water Boiler Inlet	inch		1 1/2	2	2	2	2
Circulation	inch		2	1 1/2	1 1/2	1 1/2	2
Anode Connection	inch		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Serpentine Input-Output Connection Couplers	inch		1	1	1	1	1
Copper Serpentine Connection Flange	DN		DN350	DN350	DN350	DN350	DN350
Electric Heater Couplings	inch		2	2	2	2	2
Insulation Thickness	mm		50	50	50	50	50
Insulation Density	kg/m ³		15	15	15	15	15

NOTE: Copper pipe between 100-500 liters is specially designed.

STYLE SINGLE SERPENTINE BOILER

	Unit	100	150	200	300	500
Capacity (Net Internal Water Volume)	lt	95,5	138,4	178,2	271,3	479,3
Inner diameter	mm	400	450	500	600	600
Outer Diameter	mm	500	550	600	700	700
Height	mm	1120	1240	1240	1270	2080
Pallet sizes	mm	500X500	550X550	600X600	700X700	700X700
Cold Water Boiler Inlet	inch	3/4	3/4	3/4	1	1
Hot Water Boiler Inlet	inch	3/4	3/4	3/4	1	1
Circulation	inch	3/4	3/4	3/4	1	1
Heating Fluid Hot Inlet-Coil	inch	1	1	1	1 1/4	1 1/4
Heating Fluid Cold Inlet-Coil	inch	1	1	1	1 1/4	1 1/4
Serpentine Heating Surface Area	m ²	0,62	0,93	1,03	1,58	1,97
Anode Connection	inch	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Electric Heater Input	inch	1 1/4	1 1/4	1 1/4	1 1/4	2
Cleaning Flange	inch	4	4	4	4	4
Gross weight	kg	54,6	69,7	76,8	114,8	160,8
Insulation Thickness	mm	50	50	50	50	50
Insulation Density	kg/m ³	44	44	44	44	44

STYLE DOUBLE SERPENTINE BOILER

	Unit	150	200	300	500
Capacity (Net Internal Water Volume)	lt	138,4	179,1	275,5	465,2
Inner diameter	mm	450	500	600	600
Outer Diameter	mm	550	600	700	700
Height	mm	1120	1240	1240	2080
Pallet sizes	mm	550X550	600X600	700X700	700X700
Cold Water Boiler Inlet	inch	3/4	3/4	1	1
Hot Water Boiler Inlet	inch	3/4	3/4	1	1
Circulation	inch	3/4	3/4	1	1
Top Heater Fluid Hot Inlet-Coil	inch	1	1	1 1/4	1 1/4
Top Heater Fluid Cold Inlet-Coil	inch	1	1	1 1/4	1 1/4
Upper Coil Heating Surface Area	m ²	0,30	0,30	0,52	1,31
Bottom Heater Fluid Hot Inlet-Coil	inch	1	1	1 1/4	1 1/4
Lower Heater Fluid Cold Inlet-Coil	inch	1	1	1 1/4	1 1/4
Lower Coil Heating Surface Area	m ²	0,60	0,60	0,65	1,97
Total Serpentine Surface Area	m ²	0,90	0,90	1,17	3,28
Anode Connection	inch	1 1/4	1 1/4	1 1/4	1 1/4
Electric Heater Input	inch	1 1/4	1 1/4	1 1/4	2
Cleaning Flange	inch	4	4	4	4
Gross weight	kg	70,9	78,16	92,06	190,4
Insulation Thickness	mm	50	50	50	50
Insulation Density	kg/m ³	44	44	44	44

STYLE ACCUMULATION TANK

	Unit	100	150	200	300	500
Capacity (Net Internal Water Volume)	lt	100,8	146,4	187,1	288,2	500,5
Inner diameter	mm	400	450	500	600	600
Outer Diameter	mm	500	550	600	700	700
Height	mm	1120	1240	1240	1270	2080
Pallet sizes	mm	500X500	550X550	600X600	700X700	700X700
Cold Water Boiler Inlet	inch	3/4	1	1 1/4	1 1/4	1 1/4
Hot Water Boiler Inlet	inch	3/4	1	1 1/4	1 1/4	1 1/4
Circulation	inch	3/4	3/4	3/4	1	1
Anode Connection	inch	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Electric Heater Input	inch	1 1/4	1 1/4	1 1/4	1 1/4	2
Cleaning Flange	inch	4	4	4	4	4
Gross weight	kg	43,31	52,77	58	85,56	124,25
Insulation Thickness	mm	50	50	50	50	50
Insulation Density	kg/m ³	44	44	44	44	44

COPPER SERPENTINE THERMO BOILER

	Unit	50	65	80
Inner diameter	mm	350	350	350
Outer Diameter	mm	400	400	400
Height	mm	750	900	1055
Box sizes	mm	400X400X750	400X400X900	400X400X1055
Cold Water Boiler Inlet	inch	1/2	1/2	1/2
Hot Water Boiler Inlet	inch	1/2	1/2	1/2
Heating Fluid Hot Inlet-Coil	inch	1/2	1/2	1/2
Heating Fluid Cold Inlet-Coil	inch	1/2	1/2	1/2
Modular Serpentine Type		Copper Serpentine (12,70 mm)		
Serpentine Surface Area	m ²	0,08	0,12	0,16
Anode Connection	inch	1 1/4	1 1/4	1 1/4
Electric Heater Input	inch	1 1/4	1 1/4	1 1/4
Electric Heater Power	kw	3	3	3
Insulation Type		Soft Poliüretan		
Insulation Thickness	mm	30	30	30
Insulation Density	kg/m ³	18	18	18

STEEL SERPANTINE THERMO BOILER

	Unit	50	65	80
Inner diameter	mm	350	350	350
Outer Diameter	mm	400	400	400
Height	mm	750	900	1055
Box sizes	mm	400X400X750	400X400X900	400X400X1055
Cold Water Boiler Inlet	inch	1/2	1/2	1/2
Hot Water Boiler Inlet	inch	1/2	1/2	1/2
Heating Fluid Hot Inlet-Coil	inch	3/4	3/4	3/4
Heating Fluid Cold Inlet-Coil	inch	3/4	3/4	3/4
Modular Serpentine Type		Steel Serpentine (26,90 mm)		
Serpentine Surface Area	m ²	0,25	0,33	0,50
Anode Connection	inch	1 1/4	1 1/4	1 1/4
Electric Heater Input	inch	1 1/4	1 1/4	1 1/4
Electric Heater Power	kw	3	3	3
Insulation Type		Soft Poliüretan		
Insulation Thickness	mm	30	30	30
Insulation Density	kg/m ³	18	18	18

HEAT PUMP BOILER

	Unit	200	300	500
Capacity (Net Internal Water Volume)	lt	169.3	261.5	464.8
Inner diameter	mm	500	600	600
Outer Diameter	mm	600	700	700
Height	mm	1240	1240	2080
Pallet sizes	mm	600X600	700X700	700X700
Cold Water Boiler Inlet	inch	3/4	1	1
Hot Water Boiler Inlet	inch	3/4	1	1
Circulation	inch	3/4	1	1
Serpentine Pipe Diameter	inch	1	1	1
Heating Fluid Hot Inlet-Coil	inch	1 1/4	1 1/4	1 1/4
Heating Fluid Cold Inlet-Coil	inch	1 1/4	1 1/4	1 1/4
Serpentine Heating Surface Area	m ²	2.01	3.18	4.23
Anode Connection	inch	1 1/4	1 1/4	1 1/4
Electric Heater Input	inch	1 1/4	1 1/4	2
Cleaning Flange	inch	4	4	4
Gross weight	kg	100	151	208
Insulation Thickness	mm	50	50	50
Insulation Density	kg/m ³	44	44	44



ELITE BOILER

TECHNICAL SPECIFICATIONS

- ▶ 2 Hygienic and resistant to corrosion (abrasion) thanks to 50-450 micron titanium added enamel
- ▶ 18 kg/m³ in 30 mm thickness for products from 100 lt to 500 lt - Polyurethane (sponge) insulation with 50 mm thickness and 15 kg/m³ density for products from 800 lt to 5000 lt
- ▶ Vinlex leather cover for products including 100 lt- 5000 lt
- ▶ Cathodic protection with magnesium anode rod
- ▶ Conforms to European standards
- ▶ It is in the D class energy group.
- ▶ Optional stainless electrical resistance
- ▶ Gray color, simple and elegant appearance. (Optional different color options)
- ▶ 10 Bar operating pressure, 13 Bar design pressure

ELITE MODE

100 LT - 5000 LT



STYLE BOILER

TECHNICAL SPECIFICATIONS

- ▶ Hygienic and resistant to corrosion (abrasion) thanks to 250-450 micron titanium added enamel ▶ Hard polyurethane insulation with 50 mm thickness and 44 kg/m³ density for products from 100 lt to 500 lt
- ▶ Vinlex leather cover for products including 100 lt-500 lt
- ▶ Cathodic protection with magnesium anode rod
- ▶ Compliant with European standards
- ▶ It is in the C class energy group.
- ▶ Optional stainless electrical resistance
- ▶ Gray color, simple and elegant appearance. (Optional different color options)
- ▶ 10 Bar operating pressure, 13 Bar design pressure

STYLE MODEL

100 LT - 500 LT



ACCUMULATION TANK

TECHNICAL SPECIFICATIONS

- ▶ 2 Hygienic and resistant to corrosion (abrasion) thanks to 50-450 micron titanium added enamel
- ▶ Choice of 44 kg/m³ hard polyurethane with 50 mm thickness including 500 l from 100 lt or 18 kg/m³ soft polyurethane with 30 mm thickness ▶ 15 kg/m³ soft polyurethane insulation with 30 mm thickness for products from 8 00 lt to 5000 lt
- ▶ Vinlex leather cover for products from 100 lt to 5000 lt
- ▶ Cathodic protection with magnesium anode rod
- ▶ Conforms to European standards
- ▶ It is in the energy group of C class (100-500 lt) in hard polyurethane insulation and D class (100-5000 lt) in soft polyurethane insulation.
- ▶ Optional stainless electrical resistance
- ▶ Gray color, simple and elegant appearance. (Optional different color options)
- ▶ 10 bar operating pressure, 13 bar design pressure

ELITE MODEL

100 LT - 5000 LT

STYLE MODEL

100 LT - 500 LT



ELECTRIC BOILER

TECHNICAL SPECIFICATIONS

- ▶ 2 Hygienic and resistant to corrosion (abrasion) thanks to 50-450 micron titanium added enamel
- ▶ For products from 100 lt to 500 lt, 50 mm thick 44 kg/m³ hard polyurethane or 30 mm thick 18 kg/m³ soft polyurethane options ▶ 30 mm thick 15 kg/m³ soft polyurethane insulation for 8 00 lt to 5000 lt products
- ▶ Vinlex leather cover for products from 100 lt to 5000 lt
- ▶ Cathodic protection with magnesium anode rod
- ▶ Conforms to European standards
- ▶ It is in the energy group of C class (100-500 lt) in hard polyurethane insulation and D class (100-5000 lt) in soft polyurethane insulation.
- ▶ Possibility to design panels according to the volume of the products in the range of 3 kW to 75 kW
- ▶ Optional stainless electrical resistance
- ▶ Gray color, simple and elegant appearance. (Optional different color options)
- ▶ 10 bar operating pressure, 13 bar design pressure

ELITE MODEL

100 LT - 5000 LT

STYLE MODEL

100 LT - 500 LT



PRO BOILER

TECHNICAL SPECIFICATIONS

- ▶ 2 Hygienic and resistant to corrosion (abrasion) thanks to 50-450 micron titanium added enamel
- ▶ 30 mm thick 18 kg/m³ soft polyurethane insulation for products from 100 lt to 500 lt
- ▶ Vinlex leather cover for products from 100 lt to 500 lt
- ▶ Cathodic protection with magnesium anode rod
- ▶ Conforms to European standards
- ▶ It is in the D class energy group.
- ▶ Optional stainless electrical resistance
- ▶ Red color, simple and elegant appearance. (Optional different color options)
- ▶ 10 bar operating pressure, 13 bar design pressure

ELITE MODEL **100 LT - 200LT - 300 LT - 500 LT**

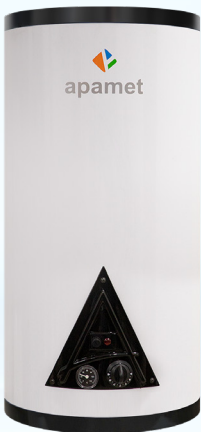


HEAT PUMP BOILER

TECHNICAL SPECIFICATIONS

- ▶ Hygienic and resistant to corrosion (abrasion) thanks to 2 50-450 micron titanium added enamel
- ▶ 50 mm thick 44 kg/m³ hard polyurethane insulation for products from 2 00 lt to 500 lt
- ▶ Vinlex leather cover for products from 100 lt to 500 lt
- ▶ Cathodic protection with magnesium anode rod
- ▶ Conforms to European standards
- ▶ It is in the C class energy group.
- ▶ Optional stainless electrical resistance
- ▶ Serpentine has a high surface area with its Serpentine design.
- ▶ Integrated in heat pump applications
- ▶ Blue color, simple and elegant appearance. (Optional different color options)
- ▶ 10 bar operating pressure, 13 bar design pressure

STYLE MODEL **200 LT - 300 LT - 500 LT**



THERMO BOILER

TECHNICAL SPECIFICATIONS

- ▶ Product option between 50 lt and 80 lt
- ▶ 2 Hygienic and resistant to corrosion (abrasion) thanks to 50-450 micron titanium added enamel
- ▶ 3 mm thick 18 kg/m³ soft polyurethane insulation for products from 50 lt to 80 lt
- ▶ Electrostatic powder coated sheet metal for products from 50 lt to 80 lt
- ▶ Cathodic protection with magnesium anode rod
- ▶ Stainless electrical resistance
- ▶ With safety thermostat
- ▶ It has two different serpentine options as modular copper and steel
- ▶ White color, simple and elegant looking
- ▶ 6 bar operating pressure, 10 bar design pressure

THERMO **50 LT - 65 LT - 80 LT**



COPPER BOILER

TECHNICAL SPECIFICATIONS

- ▶ 2 Hygienic and resistant to corrosion (abrasion) thanks to 50-450 micron titanium added enamel
- ▶ 30 mm thick 15 kg/m³ soft polyurethane insulation for products from 100 lt to 3000 lt
- ▶ Vinlex leather cover for products from 100 lt to 3000 lt
- ▶ Cathodic protection with magnesium anode rod
- ▶ Conforms to European standards
- ▶ It is in the D class energy group.
- ▶ Optional stainless electrical resistance
- ▶ Gray color, simple and elegant appearance. (Optional different color options)
- ▶ 10 bar operating pressure, 13 bar design pressure

ELITE MODEL **100 LT - 3000 LT**

Apamet Boyler announced the year 2019 and switched to the laboratory and audit system. Our aim is to offer all our products to our customers in the best possible way.

The steps we have done are as follows:

Our welding tests

- Tightness
- Air

Our Laboratory Tests

1-)Tests for enamel

- Impact test
- Steam test (48 hours)
- Enamel thickness (micron) measurement
- Citric acid test

2) Tests for powder coating

- Impact test
- Salt test (400 hours)

3) Energy and heat losses are tested according to European standards.

Audit

- Before shipment, products are subject to inspection with 100 items in the audit room.
- In practice, each item has a separate score according to its value.
- As a result of this scoring, the products that fall below 80 points are not shipped.

The main items subject to inspection are as follows.

- Internal enamel control
- Outer sheath and outer hair control
- Label and user manual controls
- Pallet control
- Flange and sleeve controls

Auditing

OUR LABORATORY TESTS



Why Apamet Boiler?

The product warranty period applies to APAMET BOILER products as 2 years from the product delivery date.

Galvanized sheet covers with high corrosion resistance and suitable for painting are used in APAMET BOILER products.

APAMET BOILER products offer high efficiency to their users with their large serpentine surface areas.

It is applied as 250µ-450µ enamel thickness in APAMET BOILER products, and it is aimed at minimum damage and maximum gain by extending the enamel life.

In the production of APAMET BOILER, HCFC FREE (not damaging to the ozone layer) especially HARD POLYURETHANE with a density of 44 kg/m² is insulated and therefore heat loss is minimal.

In our products; The main structure, consisting of boron and silicon, is enameled with titanium, which does not contain heavy metals and conforms to the ROHS value.

Electrostatic powder coated galvanized sheet is used instead of DKP black sheet in APAMET BOILER products, and its life against corrosion is twice as long.

In APAMET BOILER products, 'LEGIONAL DISEASE' bacteria is prevented by twisting two coils of the serpentine on the lower dished side, ensuring that the stagnant and cold section at the bottom of the boiler is heated more.



Apamet Boiler Definition and Usage Areas

APAMET BOILER; It is used for the preparation and storage of hot water by means of different heat sources and for keeping the temperature of the stored hot water for days. heat sources; steam boiler, heat pump, solar collector, hot water boiler. The product range includes storage tank, single serpentine boiler, double serpentine boiler, copper serpentine boiler, applications.

The importance of alternative energy sources is increasing day by day due to the increase in fuel prices, the increase in environmental awareness and the limited energy resources. Therefore, energy resources are used more sensitively and more economically.

You can use APAMET BOILER in your homes, villas, factories, restaurants, hotels, in short, in all places where you need clean hot water 24 hours a day, uninterruptedly and in a healthy way.

The outside of APAMET BOILER is covered with Polyurethane to prevent heat loss. It is formed by the combination of three chemical substances, Polyurethane, Polyol Isocyanate and Entraining Element, at high pressure. It is important that the "Entraining Element" chemical does not contain substances that damage the ozone layer (HCFC FREE). APAMETBOILER does not contain HCFC substances that damage the ozone layer.

APAMET BOILER is designed and manufactured according to TS-736 standards and is suitable for 110-610 and 110-620 poses in the unit price book.

As Apamet Boiler, we offer our products with these technologies safely for you and your loved ones by preventing energy waste, developing technologies that are sensitive to the environment and environment-friendly, high efficiency and energy saving.



APAYDIN

ISITMA

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