

emtas®

HEATING TECHNOLOGIES



PRODUCT
catalogue

www.emtasenerji.com
www.sakra.com.tr



About Us



EMTAŞ is the leading brand of the sector, which operates in the field of heating systems design, production, sales and service, has fast growth and change dynamism, and increases its exports day by day.

Founded in 1988 by the deceased METİN ÖZTÜRK and being the leading brand in air conditioning, EMTAŞ manufactures PANEL RADIATOR, HEATING BOILER and BOILER in its modern facilities established on a total area of 67.000 m² in Isparta and Sakarya, having ISO 9001 quality assurance system and by TS-EN norms. EMTAŞ is one of the leading companies in the sector with an annual production capacity of 2.500.000 mtul panel radiator, 30.000 units of floor heating and central boiler and 20.000 units of the boiler.

EMTAŞ provides customer confidence with its institutionalized structure and competitive advantage with its technological automation systems. It has contributed to the development of the country's industry since its establishment, and has increased the quality in the sector day by day with its new investments. EMTAŞ, which has ISO 9001 Quality Management Certificate; It continues its production in accordance with TSE, CE, UKR-SEPRO, GOST and EU standards.

EMTAŞ exports; It is developing day by day with an increasing momentum with the brands EMTAŞ, SAKRA, ENKA, KRAFTER, THERMOFIX, RÖFIX and TRINITY to nearly 40 countries from China to Chile.

The aim of EMTAŞ is to be the pioneer of the sector with its quality products, reasonable prices and fast delivery features by conducting R&D studies with developing technology.

Isparta Factory



Sakarya Factory

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Steel Panel Radiators

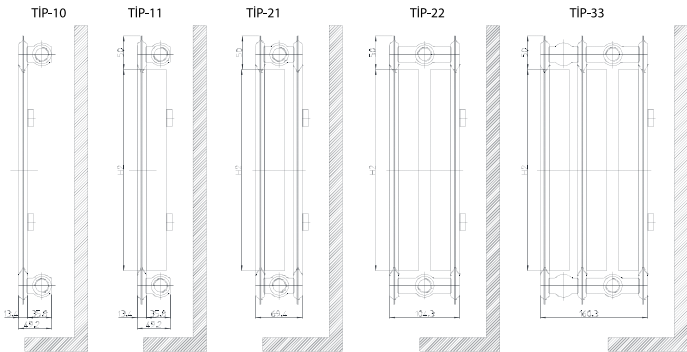
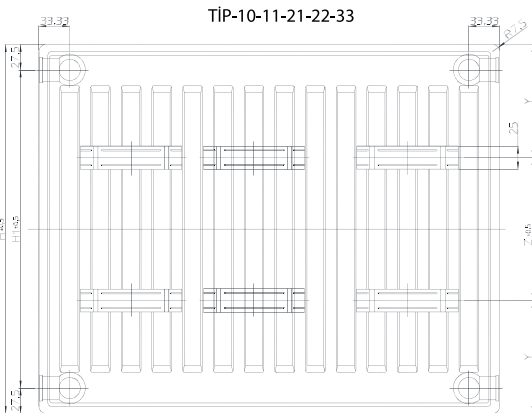
- Superior Technology
- Economic Solution
- Practical Assembly
- Durable
- Aesthetic



EMTAŞ STEEL PANEL RADIATORS are produced to provide the heating needs of all kinds of residences and workplaces and offer safe and economical heating with its superior features.

EMTAŞ STEEL PANEL RADIATORS are 100% tested on state-of-the-art computer-controlled fully automatic welding and paint lines, and are produced by ISO 9001 Quality System and TS EN 442 and DIN 55900 standards.

EMTAŞ STEEL PANEL RADIATORS, 5 different types 10-P, 11-PK, 21-PKP, 22-PKKP, 33 PKKPKP, 6 different heights from 300-400-500-550-600-900 mm and 400 mm to 3000 mm It is produced in up to 27 different lengths. It provides savings and efficiency in operating expenses thanks to its high pressure resistance and low water volume. It has the ability to be installed instead of cast and aluminium sectional radiators with patented fittings. It is suitable for floor-fed installations with garnished types, and can be easily mounted on the floor, thanks to its special accessories, if desired. EMTAŞ STEEL PANEL RADIATORS, which are resistant to impacts during transportation and installation, provide high performance, reasonable price and fast delivery advantages to the consumer with their special packaging.



EMTAŞ PANEL RADIATOR THERMAL CAPACITIES (Watt, kCal) 90/70 °C																	
RADIATOR TYPE	ROOM TEMPERATURE																
	RADIATOR HEIGHT (mm)	10 °C		12 °C		15 °C		18 °C		20 °C		22 °C		24 °C		26 °C	
		W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h
10 -P	300	509	438	494	425	466	401	438	377	426	366	406	349	363	312	345	297
	400	648	557	627	539	591	508	558	480	540	464	509	438	491	422	473	407
	500	786	676	752	647	710	611	677	582	645	555	612	526	584	502	559	481
	600	914	786	884	760	831	715	788	678	752	647	719	618	680	585	657	565
	900	1324	1139	1266	1089	1207	1038	1128	970	1086	934	1031	887	987	849	948	815
11 - PK	300	788	678	766	659	715	615	673	579	650	559	623	536	586	504	563	484
	400	1009	868	971	835	909	782	858	738	828	712	790	679	752	647	719	618
	500	1230	1058	1185	1019	1119	962	1048	901	1005	864	959	825	921	792	872	750
	600	1433	1232	1383	1189	1299	1117	1231	1059	1176	1011	1120	963	1084	932	1021	878
	900	1978	1701	1902	1636	1798	1546	1698	1460	1623	1396	1549	1332	1484	1276	1412	1214
21 - PKP	300	1251	1076	1192	1025	1129	971	1058	910	1008	867	960	826	920	791	879	756
	400	1562	1343	1502	1292	1426	1226	1335	1148	1278	1099	1214	1044	1162	999	1103	949
	500	1863	1602	1788	1538	1695	1458	1593	1370	1519	1306	1453	1250	1379	1186	1312	1128
	600	2141	1841	2053	1766	1941	1669	1813	1559	1747	1502	1659	1427	1591	1368	1510	1299
	900	2827	2431	2723	2342	2565	2206	2417	2079	2317	1993	2215	1905	2116	1820	2012	1730
22 - PKKPK	300	1588	1366	1526	1312	1436	1235	1356	1166	1293	1112	1230	1058	1185	1019	1116	960
	400	2015	1733	1930	1660	1816	1562	1709	1470	1645	1415	1560	1342	1493	1284	1464	1259
	500	2426	2086	2342	2014	2192	1885	2059	1771	1967	1692	1890	1625	1795	1544	1721	1480
	600	2797	2405	2693	2316	2537	2182	2386	2052	2277	1958	2180	1875	2094	1801	1985	1707
	900	3714	3194	3574	3074	3370	2898	3173	2729	3036	2611	2908	2501	2772	2384	2645	2275
33 - PKK- PKP	300	2283	1963	2193	1886	2062	1773	1942	1670	1852	1593	1774	1526	1688	1452	1607	1382
	400	2847	2448	2737	2354	2577	2216	2416	2078	2327	2001	2207	1898	2114	1818	2008	1727
	500	3452	2969	3320	2855	3127	2689	2936	2525	2806	2413	2680	2305	2558	2200	2443	2101
	600	4017	3455	3865	3324	3637	3128	3420	2941	3266	2809	3121	2684	2979	2562	2844	2446
	900	5460	4696	5259	4523	4951	4258	4655	4003	4453	3830	4260	3664	4069	3499	3887	3343

EMTAŞ PANEL RADIATOR THERMAL CAPACITIES (Watt, kCal) 75/65 °C																	
RADIATOR TYPE	ROOM TEMPERATURE																
	RADIATOR HEIGHT (mm)	10 °C		12 °C		15 °C		18 °C		20 °C		22 °C		24 °C		26 °C	
		W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h	W	kCal/h
10 -P	300	405	348	394	339	367	316	344	296	330	284	314	270	301	259	216	186
	400	512	440	494	425	466	401	437	376	419	360	401	345	383	329	276	237
	500	616	530	594	511	560	482	526	452	506	435	483	415	462	397	333	286
	600	734	631	712	612	667	574	629	541	587	505	483	415	460	396	335	288
	900	1035	890	999	859	943	811	884	760	849	730	810	697	772	664	557	479
11 - PK	300	621	534	599	515	566	487	531	457	509	438	486	418	473	407	337	290
	400	795	684	769	661	727	625	680	585	653	562	623	536	595	512	431	371
	500	966	831	933	802	880	757	824	709	792	681	755	649	720	619	523	450
	600	1121	964	1081	930	1022	879	958	824	921	792	877	754	840	722	607	522
	900	1537	1322	1483	1275	1363	1172	1314	1130	1262	1085	1201	1033	1090	937	837	720
21 - PKP	300	963	828	930	800	878	755	823	708	791	680	753	648	720	619	524	451
	400	1220	1049	1176	1011	1113	957	1042	896	1001	861	945	813	909	782	662	569
	500	1458	1254	1408	1211	1330	1144	1248	1073	1197	1029	1140	980	1090	937	788	678
	600	1671	1437	1610	1385	1522	1309	1428	1228	1370	1178	1305	1122	1247	1072	900	774
	900	2107	1812	2031	1747	1917	1649	1791	1540	1713	1473	1627	1399	1431	1231	1198	1030
22 - PKKPK	300	1240	1066	1195	1028	1129	971	1055	907	1016	874	969	833	923	794	791	680
	400	1577	1356	1522	1309	1437	1236	1348	1159	1295	1114	1231	1059	1171	1007	853	734
	500	1887	1623	1822	1567	1720	1479	1613	1387	1549	1332	1474	1268	1407	1210	1020	877
	600	2169	1865	2092	1799	1976	1699	1852	1593	1778	1529	1694	1457	1616	1390	1167	1004
	900	2908	2501	2806	2413	2650	2279	2602	2238	2385	2051	2271	1953	2169	1865	1563	1344
33 - PKK- PKP	300	1777	1528	1715	1475	1619	1392	1519	1306	1457	1253	1388	1194	1326	1140	965	830
	400	2263	1946	2184	1878	2062	1773	1933	1662	1847	1588	1729	1487	1687	1451	1226	1054
	500	2703	2325	2608	2243	2393	2058	2309	1986	2217	1907	2110	1815	2015	1733	1457	1253
	600	3129	2691	3020	2597	2852	2453	2688	2312	2556	2198	2445	2103	2322	1997	1681	1446
	900	4216	3626	4067	3498	3840	3302	3601	3097	3460	2976	3059	2631	3026	2602	2266	1949

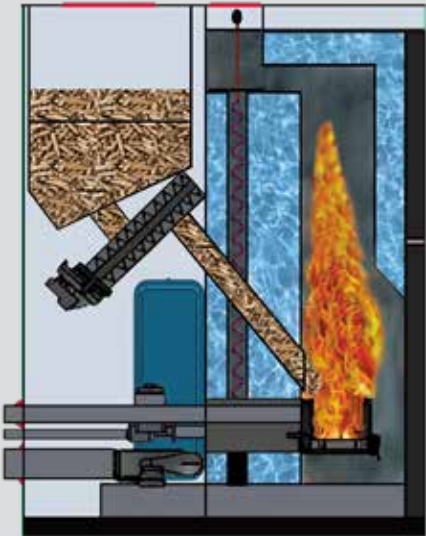
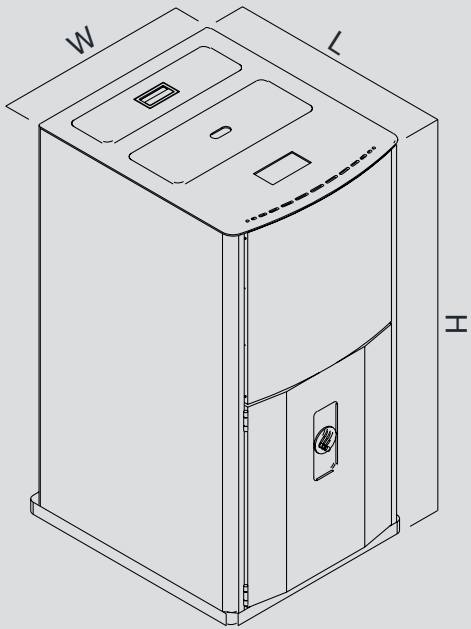
* We Reserve The Right to Make Changes Dimensions and Colors

ERA D-M SERIES

Heating Boilers with Pellet



Technical Specifications



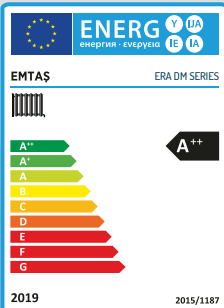
Fuel Type



ø6mm Premium Pellet



Eco-Friendly



High-Efficiency Heating, Stylish Design, Low Gas Emission

ERA D-M Series Heating Boilers with pellet is an enhanced product with a new industry standard for heating applications. Improved water flow design and WIFI connectivity make ERA the best alternative on the market.

ERA D-M Series Heating Boilers with pellet provide superior performance for underfloor heating, offering all the heat you need in one compact and affordable package.

ERA D-M Series Heating Boilers with pellet; It is produced in two different series as the boiler room and interior type, and designed as a single package system. It is ready to work as soon as it is connected to your installation with automatic ignition, expansion tank, circulation pump.



- Unique software-assisted combustion algorithm
- Air fan proportional control
- Automatic pellet feeding
- Automatic ignition
- User-friendly control panel.
- Mechanical combustion chamber cleaning
- Cleaning of mechanical flame/smoke pipes
- Extra security
- Spacious fuel tank
- Wifi (Optional)

ERA D-M SERIES HEATING BOILER WITH PELLET TECHNICAL SPECIFICATIONS			UNIT	BOILER TYPE		
				ERA D-M 12-20	ERA D-M 24-32	ERA D-M 36-44
CAPACITY	Nominal Heat Power		kW	12-20	24 - 32	36 - 44
			kcal/h	10.320 - 17.200	20.640- 27.520	30.960 - 37.840
	Direct Efficiency	at full load	%	>90%	>90%	>90%
MAIN DIMENSIONS	Width, W	± 5	mm	540	540	580
	Length, L	± 5	mm	670	720	720
	Height, H	± 5	mm	1160	1160	1160
	Chimney Dia. (Inside-Outside), ØD1		mm	98 - 102		
OPERATING CONDITIONS	Safety Limit Temperature		°C	95		
	Max. Operating Temperature		°C	80		
	Min. Water Return Temperature		°C	50		
	Operating & Test Pressure		bar	1,5 - 3		
	Electrical Connection		-	230 Vac , 50 Hz		
	Required Chimney Draft (Vacuum)		Pa	-10		
	Fuel Type		-	Ø6 mm Premium Quality Pellet,EN Plus A1		
	Approximate Fuel Consumption	at full and partial load	kg/h	2,8 - 0,84	4,2 - 1,26	5,8 - 1,75
INSTALLATION CONNECTION DIMENSIONS	Water Outlet Connection	Diameter, ØD2	inch	1"	1"	1"
	Water Inlet Connection	Diameter, ØD3	inch	1"	1"	1"
VOLUME AND WEIGHT	Closed Expansion Tank Volume		lt	7	7	8
	Water Volume		lt	45	62	76
	Fuel Tank Volume		lt	38	62	75
			kg	25	40	55
	Waterless Boiler Weight		kg	190	250	310

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TS EN 442



TS EN 303-5

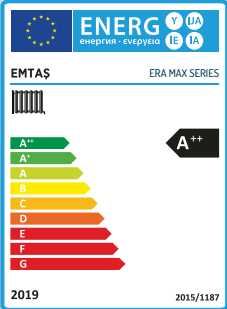
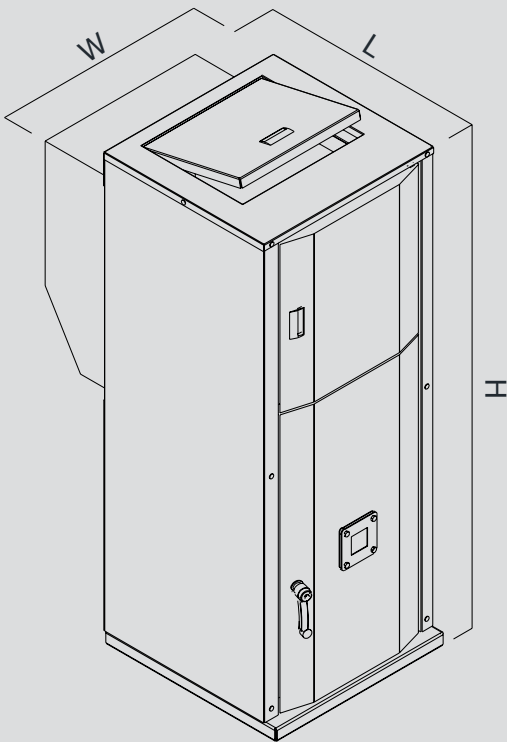


ERA MAX SERIES

Heating Boilers with Pellet



Technical Specifications



Fuel Type



ø6mm Premium Pellet



Eco-Friendly

Capture High-Performance Comfort in a New Dimension with Compact Use

ERA MAX heating boilers with pellet series heating boilers with pellet are high-efficiency boilers that will help you heat for a long time without worry. Each component of ERA MAX is carefully designed and can be state of the art.

Our boilers for heating with wood pellets are more convenient, economical and reliable. This boiler, which saves fuel thanks to its high efficiency, is also environmentally friendly thanks to its low gas emission.

ERA MAX heating boilers with pellet series heating boilers with pellet, designed as a package system for the boiler room, provide great convenience to the user with a large fuel storage tank and are ready to work as soon as they are connected to your installation with automatic ignition, expansion tank, circulation pump.

- Unique software-assisted combustion algorithm
- Air fan proportional control
- Automatic pellet feeding
- Automatic ignition
- User-friendly control panel.
- Easy cleaning
- Mechanical combustion chamber cleaning
- Cleaning of mechanical flame/smoke pipes
- Extra security
- Spacious fuel tank
- Wifi (Optional)

PELLET SPEED CONTROL

HIGH HEATING SURFACE

SCREEN TOUCH

OUT OF FUEL ALARM

CHROME PROTECTED

AUTO IGNITION

FIBERGLASS CABLE

MAX. FUEL TANK

6x SPEED

LONG LIFE

HERMETIC BURNING

TIMER

WIFI

PIPES

AUTO CLEANING SYSTEM

HIGH EFFICIENCY

INNOVATIVE

CHIMNEY HEAT PROBE

VIEW

PELLET

ERA MAX SERIES HEATING BOILER WITH PELLET TECHNICAL SPECIFICATIONS			UNIT	BOILER TYPE		
CAPACITY	Nominal Heat Power		kW	ERA MAX 12-20	ERA MAX 24-32	ERA MAX 36-44
				12-20	24 - 32	36 - 44
	Direct Efficiency	at full load	%	>90%	>90%	>90%
MAIN DIMENSIONS	Width, W	± 5	mm	565	565	615
	Length, L	± 5	mm	810	860	860
	Height, H	± 5	mm	1470	1470	1470
	Chimney Dia. (Inside-Outside), ØD1		mm	98 - 102		
OPERATING CONDITIONS	Safety Limit Temperature		°C	95		
	Max. Operating Temperature		°C	80		
	Min. Water Return Temperature		°C	50		
	Operating & Test Pressure		bar	1,5 - 3		
	Electrical Connection		-	230 Vac , 50 Hz		
	Required Chimney Draft (Vacuum)		Pa	-10		
	Fuel Type		-	Ø6 mm Premium Quality Pellet,EN Plus A1		
INSTALLATION CONNECTION DIMENSIONS	Approximate Fuel Consumption	at full and partial load	kg/h	2,8 - 0,84	4,2 - 1,26	5,8 - 1,75
	Water Outlet Connection	Diameter, ØD2	inch	1"	1"	1"
	Water Inlet Connection	Diameter, ØD3	inch	1"	1"	1"
VOLUME AND WEIGHT	Closed Expansion Tank Volume		lt	7	7	8
	Water Volume		lt	45	62	76
	Fuel Tank Volume		lt	45	70	82
			kg	30	45	60
	Waterless Boiler Weight		kg	200	265	315

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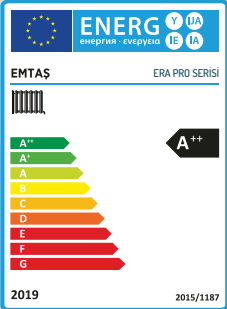
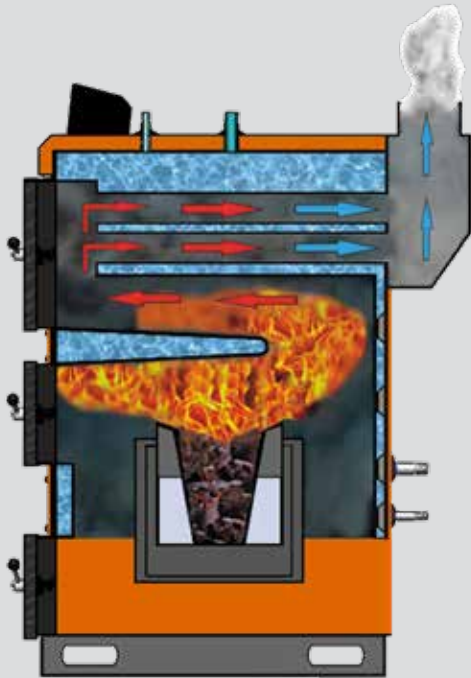
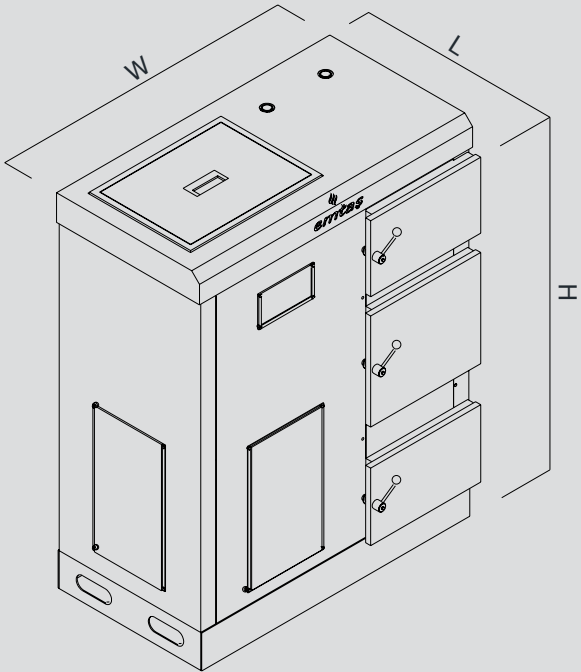


ERA PRO SERIES

Heating Boilers with Pellet



Technical Specifications



Fuel Type



The Right Solution for Heating with Ideal Combustion and Conductivity

ERA PRO heating boilers with pellet series pellet heater boiler is produced with a system that can burn both pellets and coal between Ø5-Ø20mm with superior technology.

Automatic heat control system ensures the desired degree of operation and stopping. The air, which provides combustion with a full digital control panel, is precisely adjusted, and the boiler continues to heat to the desired degree in a controlled manner. Thus, the desired temperature in the environment is kept constant. When the fuel runs out, the system automatically shuts down.

Air is sent to the combustion chamber from the bottom with the help of the fan and from the top with the secondary air duct. In this system, which balances the air and gas circulation in the boiler, clean and complete combustion of the fuel is ensured in a controlled manner.

ERA PRO heating boilers with pellet series pellet heating boiler is manufactured to meet the heating needs of all kinds of houses and workplaces and is manufactured by TS EN 303-5 and CE standards with ISO 9001 Quality System to provide safe and economical heating with its superior features.



- 3 Door
- 3 Pass (4 Pass Optional)
- Flame Revolving
- Automatic Temperature Control
- High Efficiency
- Digital Display
- Fan Speed Controlled

* We Reserve The Right to Make Changes Dimensions and Colors

ERA PRO SERIES HEATING BOILER WITH PELLET TECHNICAL SPECIFICATIONS				BOILER TYPE					
		UNIT		ERA PRO-21	ERA PRO-29	ERA PRO-41	ERA PRO-53	ERA PRO-70	ERA PRO-93
CAPACITY	Nominal Heat Power		kW	21	29	41	53	70	93
			kcal/h	18.060	24.940	35.260	45.580	60.200	79.980
MAIN DIMENSIONS	Direct Efficiency	at full load	%	>90%	>90%	>90%	>90%	>90%	>90%
	Width, W	± 5	mm	1080	1080	1300	1300	1310	1475
	Length, L	± 5	mm	730	730	730	780	840	945
	Height, H	± 5	mm	1360	1360	1360	1360	1360	1360
	Screw Removal Distance, G		mm	690	690	800	800	840	840
OPERATING CONDITIONS	Chimney Dia. (Inside-Outside), ØD1		mm	127 - 130	127 - 130	127 - 130	127 - 130	127 - 130	167 - 170
	Safety Limit Temperature		°C	90					
	Max. Operating Temperature		°C	90					
	Min. Water Return Temperature		°C	55					
	Operating & Test Pressure		bar	3 - 4,5					
	Required Chimney Draft (Vacuum)		Pa	-10					
	Electrical Connection		-	230 Vac , 50 Hz					
	Fuel Type		-	Ø6 mm Premium Quality Pellet,EN Plus A1					
INSTALLATION CONNECTION DIMENSIONS	Approximate Fuel Consumption	at full load	kg/h	4,3	6,15	8,7	11,25	14,86	19,74
	Boiler Out/ Return Connection	Diameter, ØD2	inch	1"	1"	1"	1 1/4"	1 1/2"	1 1/2"
VOLUME AND WEIGHT	Expansion Out/ Return Connection	Diameter, ØD3	inch	3/4"	3/4"	3/4"	3/4"	1"	1"
	Water Volume		lt	74	85	108	138	168	207
	Fuel Tank Volume		lt	113	113	146	146	146	200
			kg	75	75	97	97	97	133
Waterless Boiler Weight			kg	270	310	380	400	410	485

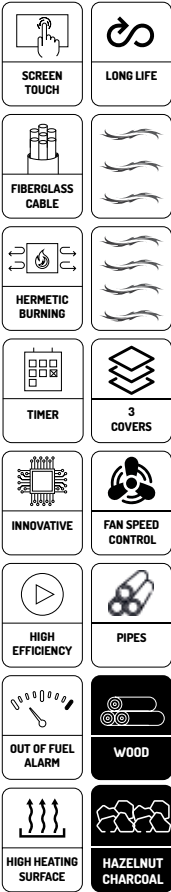
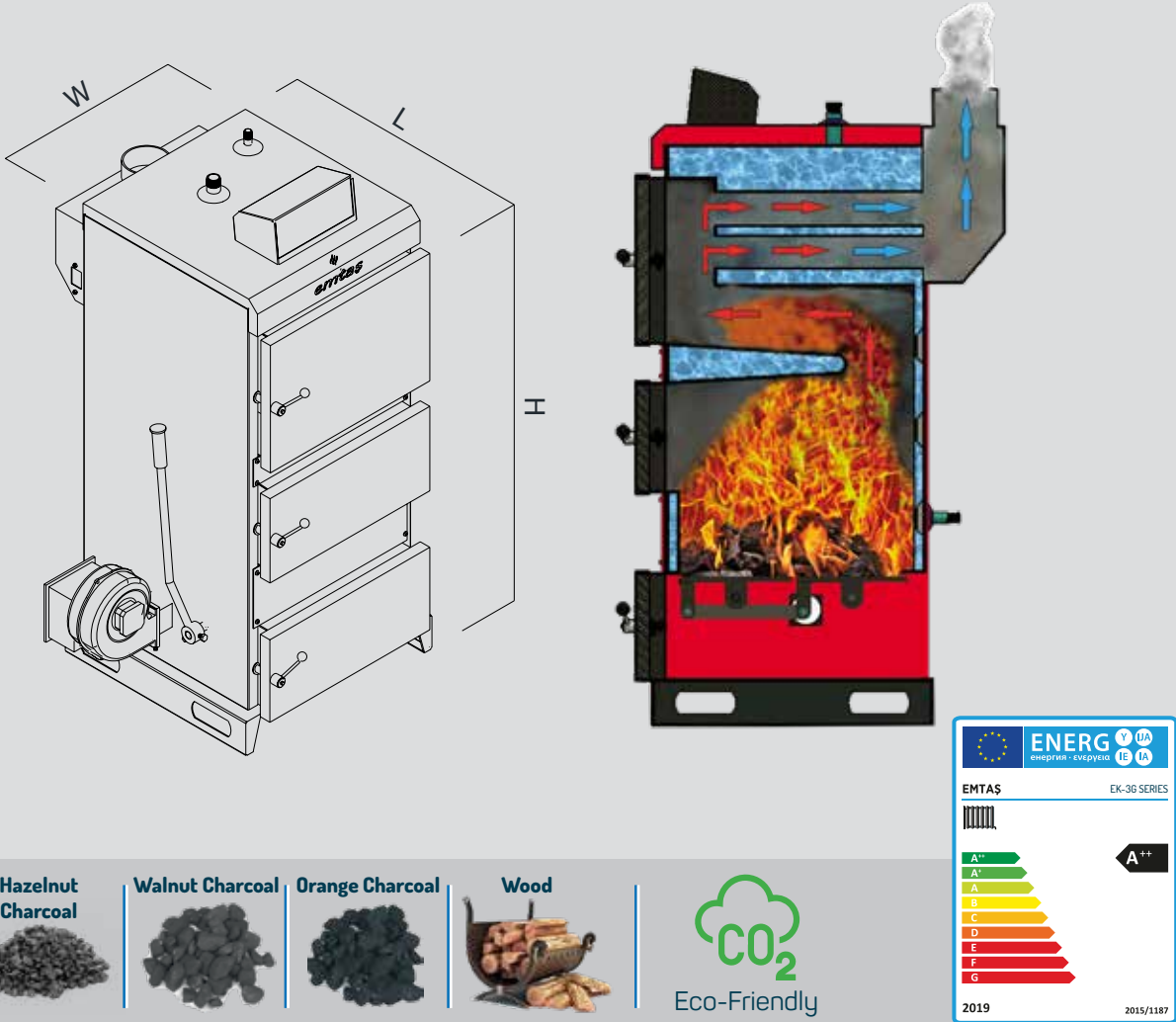


EK3G SERIES

Solid Fuel Heating Boilers



Technical Specifications



Emtas solid fuel heating boilers floor heaters are manufactured with superior technology in such a way that they can burn all kinds of solid fuels.

Automatic heat control system provides the desired degree of operation and stopping. The air that provides combustion with the digital control panel is precisely adjusted and the boiler continues to heat to the desired degree in a controlled manner. Thus, the desired degree of heat in the environment is kept constant. When the fuel runs out, the system turns off automatically.

Air is sent to the combustion chamber from the bottom with the help of a fan and from the top through a secondary air duct. In this system, which balances the air and gas circulation in the boiler, clean and complete combustion of the fuel is provided in a controlled manner.

Emtas solid fuel heating boilers floor heaters are produced to meet the heating needs of all kinds of residences and workplaces and are produced in accordance with ISO 9001 Quality System and TS EN 303-5 and CE standards in order to provide a safe and economical heating with their superior features.



- 3 Doors
- 3 Pass (4 Pass Optional)
- Flame Revolving
- Automatic Temperature Control
- High Efficiency
- With Digital Display
- Fan Speed Controlled

* We Reserve The Right to Make Changes Dimensions and Colors

EK3G SERIES SOLID FUEL HEATING BOILER TECHNICAL SPECIFICATIONS			UNIT	BOILER TYPE						
CAPACITY	Nominal Heat Power		kW	EK3G-20	EK3G-25	EK3G-35	EK3G-45	EK3G-60	EK3G-80	EK3G-100
				23	29	41	53	70	93	116
MAIN DIMENSIONS	Direct Efficiency	at full load	%	>90%	>90%	>90%	>90%	>90%	>90%	>90%
	Width, W	± 5	mm	705	705	860	860	860	1020	1020
	Length, L	± 5	mm	840	840	840	890	950	1045	1225
	Height, H	± 5	mm	1340	1500	1500	1500	1500	1500	1500
OPERATING CONDITIONS	Chimney Dia. (Inside-Outside), ØD1		mm	127 - 130	127 - 130	127 - 130	127 - 130	127 - 130	167 - 170	167 - 170
	Safety Limit Temperature		°C	90						
	Max. Operating Temperature		°C	90						
	Min. Water Return Temperature		°C	55						
	Operating & Test Pressure		bar	3 - 4,5						
	Required Chimney Draft (Vacuum)		Pa	-10						
	Electrical Connection		-	230 Vac , 50 Hz						
	Fuel Type		-	Coal, Wood, Premium Quality Pellet, EN Plus A1						
INSTALLATION CONNECTION DIMENSIONS	Approximate Fuel Consumption	at full load	kg/h	2,96	3,70	5,19	6,67	8,89	11,85	14,81
	Boiler Out/ Return Connection	Diameter, ØD2	inch	1"	1"	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
VOLUME AND WEIGHT	Expansion Out/ Return Connection	Diameter, ØD3	inch	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
	Water Volume		lt	76	87	110	140	170	210	260
	Waterless Boiler Weight		kg	200	240	300	310	340	425	490



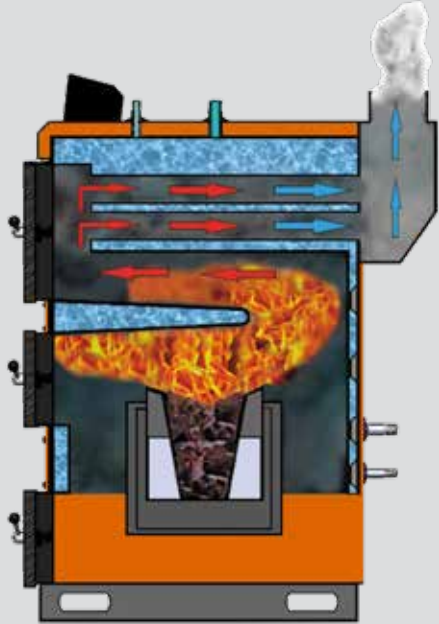
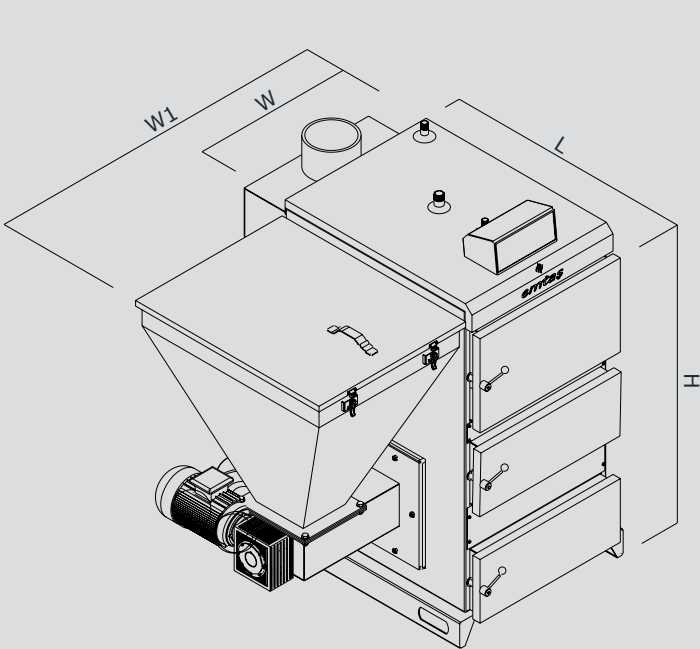
EK3G-S SERIES

Solid Fuel Auto Feeding Heating Boilers

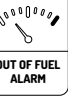
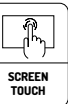
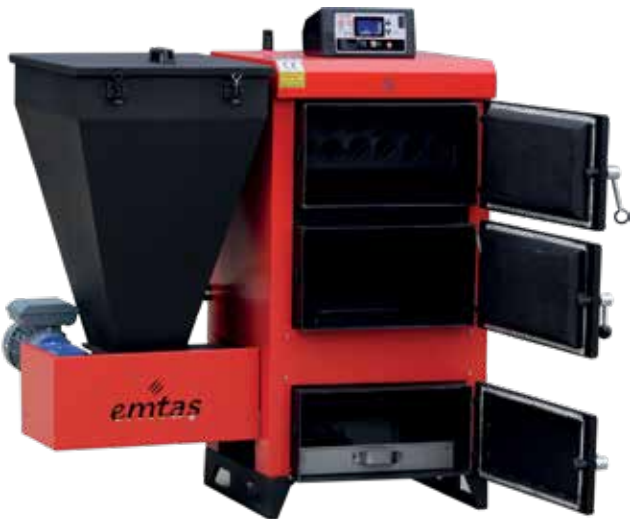
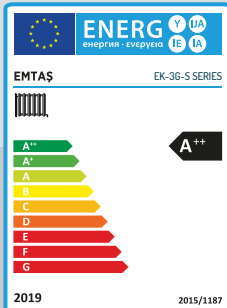
- Auto feeding
- 3 Pass (4 Pass Optional)
- Flame Revolving
- High Efficiency
- With Digital Display
- Fan Speed Controlled
- 5 Different Time Sets
- Double Screw (Optional)
- Ash Discharge (Optional)
- Auto Ignition (Optional)



Technical Specifications



Fuel Type



Emtaş solid fuel auto loading floor heaters are produced with superior technology to burn all kinds of solid fuels up to 20 mm in diameter such as coal, pomace, pellets, hazelnut shells.

Automatic heat control system provides the desired degree of operation and stopping. The air that provides combustion with the digital control panel is precisely adjusted and the boiler continues to heat to the desired degree in a controlled manner. Thus, the desired degree of heat in the environment is kept constant. When the fuel runs out, the system turns off automatically.

Since the fuel supply to the boiler is made from the bottom by means of a screw, negativities such as the extinguishing of the fire are eliminated, and homogeneous

and ideal combustion of the fuel is ensured with the combustion air coming from the peripheral surfaces of the combustion chamber.

Emtaş solid fuel automatic loading floor heaters are manufactured to provide the heating needs of all kinds of residential and business premises and are manufactured in accordance with TS EN 303-5 and CE standards with ISO 9001 Quality System to provide safe and economical heating with its superior features.

EK3G-S SERIES SOLID FUEL AUTO FEEDING HEATING BOILER TECHNICAL SPECIFICATIONS			UNIT	BOILER TYPE					
CAPACITY	Nominal Heat Power		kW	EK3G-S-20	EK3G-S-30	EK3G-S-40	EK3G-S-50	EK3G-S-70	EK3G-S-85
			kcal/h	23	35	47	58	81	99
MAIN DIMENSIONS	Direct Efficiency	at full load	%	>90%	>90%	>90%	>90%	>90%	>90%
	Boiler Width, W	± 5	mm	480	480	640	640	640	740
	Total Width, W1	± 5	mm	1000	1000	1220	1220	1230	1395
	Length, L	± 5	mm	840	840	840	890	950	1045
	Height, H	± 5	mm	1340	1500	1500	1500	1500	1500
	Screw Removal Distance, G		mm	720	720	840	840	900	900
	Chimney Dia. (Inside-Outside), ØD1		mm	127 - 130	127 - 130	127 - 130	127 - 130	127 - 130	167-170
OPERATING CONDITIONS	Safety Limit Temperature		°C	90					
	Max. Operating Temperature		°C	90					
	Min. Water Return Temperature		°C	55					
	Operating & Test Pressure		bar	3 - 4,5					
	Required Chimney Draft (Vacuum)		Pa	-10					
	Electrical Connection		-	230 Vac , 50 Hz					
	Fuel Type		-	Coal, Premium Quality Pellet , EN Plus A1					
INSTALLATION CONNECTION DIMENSIONS	Approximate Fuel Consumption	at full load	kg/h	2,96	4,44	5,93	7,41	10,37	12,59
	Boiler Out/ Return Connection	Diameter, ØD2	inch	1"	1"	1"	1 1/4"	1 1/2"	1 1/2"
	Expansion Out/ Return Connection	Diameter, ØD3	inch	3/4"	3/4"	3/4"	3/4"	1"	1"
VOLUME AND WEIGHT	Water Volume		lt	73	85	108	138	168	207
	Fuel Tank Volume		lt	113	113	146	146	146	200
			kg	75	75	97	97	97	133
Waterless Boiler Weight			kg	260	300	370	390	400	475

* We Reserve The Right to Make Changes Dimensions and Colors



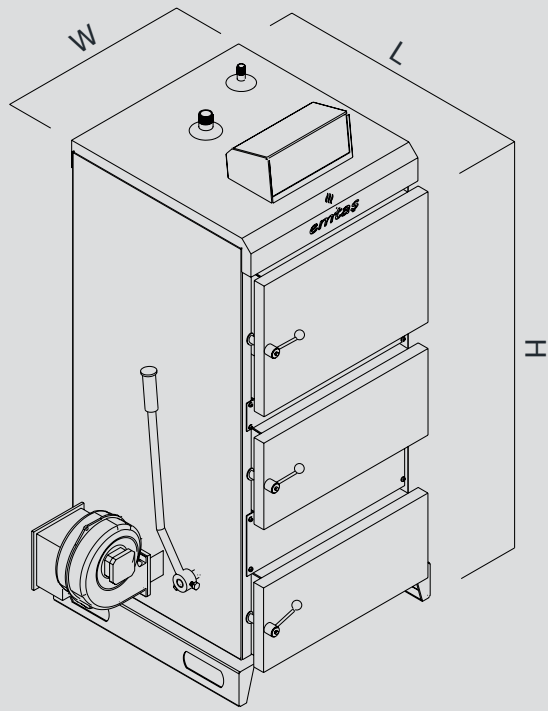
EKB3G SERIES

Solid Fuel Heating Boilers with Tray

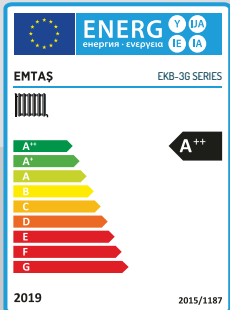
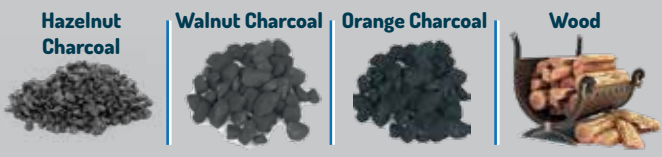
- With Tray
- 3 Pass (4 or 5 Pass Optional)
- 3 Doors
- Flame Revolving
- Automatic Temperature Control
- High Efficiency
- With Digital Display
- Fan Speed Controlled
- Easy Cleaning



Technical Specifications



Fuel Type



- SCREEN TOUCH
- FIBERGLASS CABLE
- HERMETIC BURNING
- TIMER
- INNOVATIVE
- HIGH EFFICIENCY
- OUT OF FUEL ALARM
- FAN SPEED CONTROL
- HIGH HEATING SURFACE
- 3 COVERS
- LONG LIFE
- WOOD
- HAZELNUT CHARCOAL

Emtaş solid fuel boilers with tray are manufactured with superior technology to burn all kinds of solid fuels.

Automatic heat control system provides the desired degree of operation and stopping. The air, which provides combustion with a full digital control panel, is precisely adjusted and the boiler continues to heat to the desired degree in a controlled manner. Thus, the desired degree of heat in the environment is kept constant. When the fuel runs out, the system turns off automatically.

Emtaş solid fuel floor heaters, with 3-pass, 4-pass and 5-pass flame conversion systems, rotate the flame in the boiler, keeping the flame in the boiler for a longer time. Thus, the maximum efficiency is obtained from the fuel used.

Air is sent to the combustion chamber from the bottom with the help of a fan and from the top through a secondary air duct. In this system, which balances the air and gas circulation in the boiler, clean and complete combustion of the fuel is ensured in a controlled way.

Emtaş solid fuel floor heaters with tray have been reduced to a minimum and periodic cleaning has been made easier compared to tubular boilers.



Emtaş solid fuel with tray floor heaters are manufactured to provide the heating needs of all kinds of residential and business premises and are manufactured by TS EN 303-5 and CE standards with ISO 9001 Quality System to offer safe and economical heating with its superior features.

* We Reserve The Right to Make Changes Dimensions and Colors

EKB3G SERIES SOLID FUEL HEATING BOILER WITH TRAY TECHNICAL SPECIFICATIONS			UNIT		BOILER TYPE					
CAPACITY	Nominal Heat Power		kW	29	41	53	70	93	116	
MAIN DIMENSIONS	Direct Efficiency	at full load	%	>90%	>90%	>90%	>90%	>90%	>90%	
	Width, W	± 5	mm	705	860	860	860	1020	1020	
	Length, L	± 5	mm	730	730	780	840	945	1115	
	Height, H	± 5	mm	1500	1500	1500	1500	1500	1500	
	Chimney Dia. (Inside-Outside), ØD1		mm	127 - 130	127 - 130	127 - 130	127 - 130	167 - 170	167 - 170	
OPERATING CONDITIONS	Safety Limit Temperature		°C	90						
	Max. Operating Temperature		°C	90						
	Min. Water Return Temperature		°C	55						
	Operating & Test Pressure		bar	3 - 4,5						
	Required Chimney Draft (Vacuum)		Pa	-10						
	Electrical Connection		-	230 Vac , 50 Hz						
	Fuel Type		-	Coal, Wood, Pellet Premium Quality, EN Plus A1						
INSTALLATION CONNECTION DIMENSIONS	Approximate Fuel Consumption	at full load	kg/h	3,70	5,19	6,67	8,89	11,85	14,81	
	Boiler Out/ Return Connection	Diameter, ØD2	inch	1"	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	
VOLUME AND WEIGHT	Expansion Out/ Return Connection	Diameter, ØD3	inch	3/4"	3/4"	3/4"	1"	1"	1"	
	Water Volume		lt	87	110	140	170	210	260	
	Waterless Boiler Weight		kg	220	290	300	330	415	480	

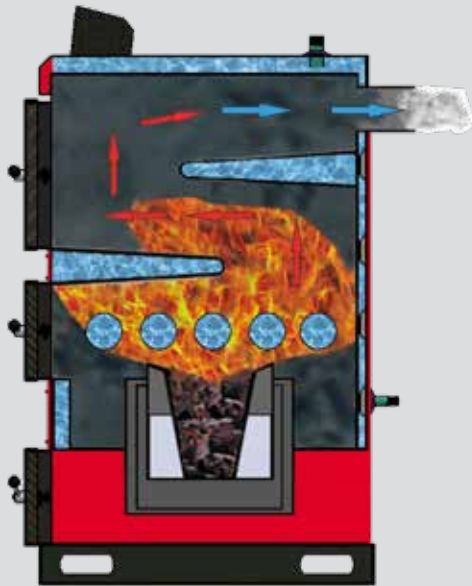
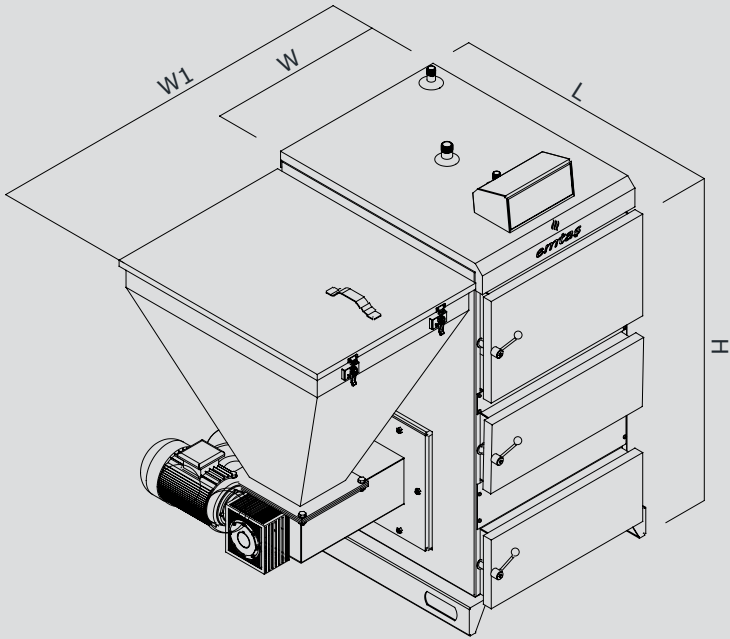
EKB4G-S SERIES

Solid Fuel Auto Feeding Heating Boilers with Tray

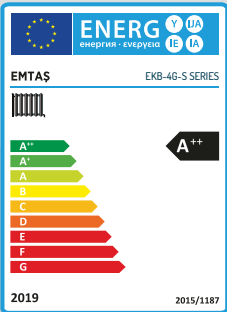
- Auto feeding
- Wet Grilled
- With Tray
- 4 Pass (5 Pass Optional)
- Flame Revolving
- High Efficiency
- With Digital Indicator
- Fan Speed Controlled
- 5 Different Time Settings
- Double Screw (Optional)
- Ash Discharge (Optional)
- Auto Ignition (Optional)
- Easy Cleaning



Technical Specifications



Fuel Type



EKB4G-S SERIES SOLID FUEL AUTO FEEDING HEATING BOILER WITH TRAY TECHNICAL SPECIFICATIONS				BOILER TYPE					
			UNIT	EKB4G-S-30	EKB4G-S-40	EKB4G-S-50	EKB4G-S-70	EKB4G-S-85	EKB4G-S-100
CAPACITY	Nominal Heat Power		kW	35	47	58	81	99	116
			kcal/h	30.000	40.000	50.000	70.000	85.000	100.000
MAIN DIMENSIONS	Direct Efficiency	at full load	%	>90%	>90%	>90%	>90%	>90%	>90%
	Boiler Width, W	± 5	mm	480	640	640	640	740	740
	Total Width, W1	± 5	mm	1000	1220	1220	1230	1395	1395
	Length, L	± 5	mm	730	730	780	840	945	1115
	Height, H	± 5	mm	1500	1500	1500	1500	1500	1500
	Screw Removal Distance, G		mm	720	840	840	900	900	900
	Chimney Dia. (Inside-Outside), ØD1		mm	127 - 130	127 - 130	127 - 130	127 - 130	167-170	167 - 170
OPERATING CONDITIONS	Safety Limit Temperature		°C	90					
	Max. Operating Temperature		°C	90					
	Min. Water Return Temperature		°C	55					
	Operating & Test Pressure		bar	3 - 4,5					
	Required Chimney Draft (Vacuum)		Pa	-10					
	Electrical Connection		-	230 Vac , 50 Hz					
	Fuel Type		-	Coal, Premium Quality Pellet, EN Plus A1					
INSTALLATION CONNECTION DIMENSIONS	Approximate Fuel Consumption	at full load	kg/h	4,44	5,93	7,41	10,37	12,59	14,81
	Boiler Out/ Return Connection	Diameter, ØD2	inch	1"	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
	Expansion Out/ Return Connection	Diameter, ØD3	inch	3/4"	3/4"	3/4"	1"	1"	1"
	Water Volume		lt	95	118	150	180	220	270
VOLUME AND WEIGHT	Fuel Tank Volume		lt	113	146	146	146	200	200
			kg	75	97	97	97	133	133
	Waterless Boiler Weight		kg	280	370	380	390	465	530

* We Reserve The Right to Make Changes Dimensions and Colors

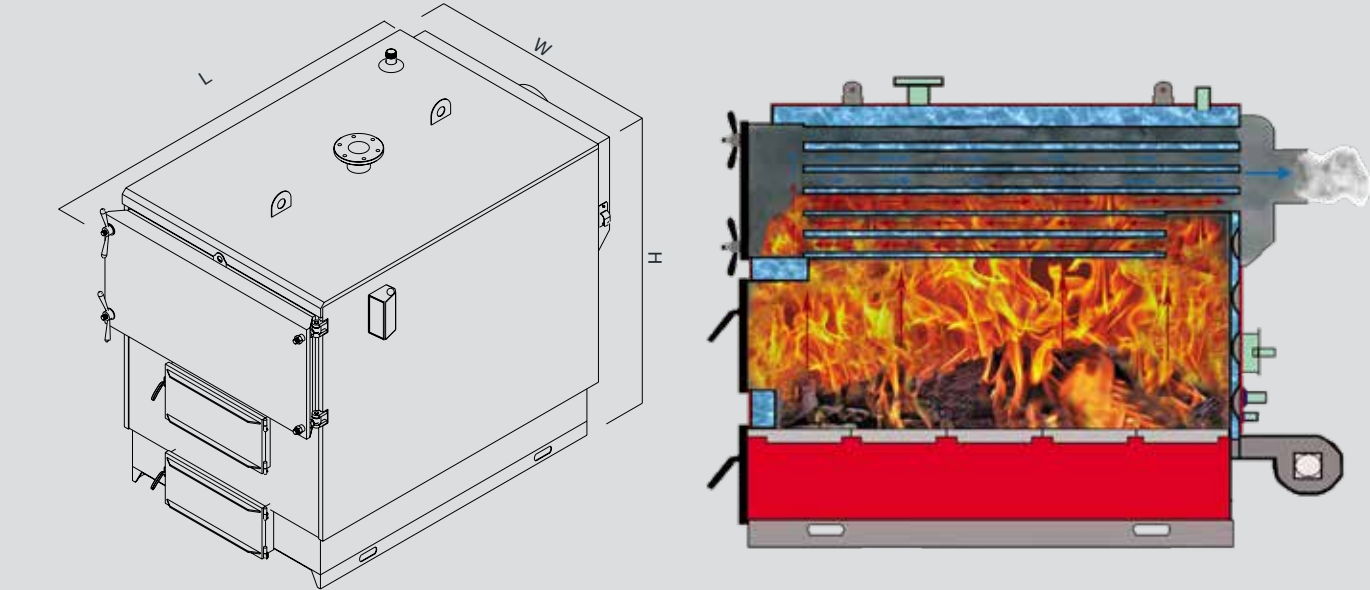


EK3G SERIES

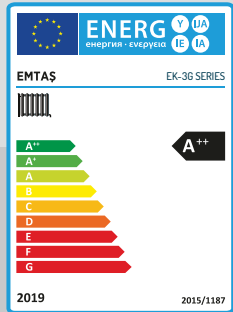
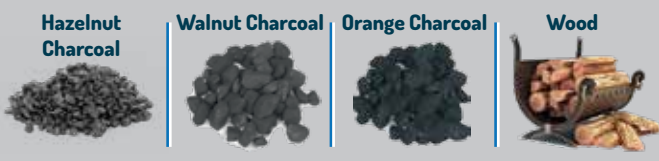
Central System Solid Fuel Heating Boilers



Technical Specifications



Fuel Type



SCREEN TOUCH

INNOVATIVE

FIBERGLASS CABLE

HIGH EFFICIENCY

HERMETIC BURNING

OUT OF FUEL ALARM

TIMER

3 COVERS

HIGH HEATING SURFACE

WIDE COVER

LONG LIFE

MAX. FUEL TANK

WOOD

HAZELNUT CHARCOAL

- Central System
- 3-Pass (4-Pass Optional)
- Flame Revolving
- Automatic Heat Control
- High Efficiency
- With Digital Display

Emtaş central system solid fuel heating boilers are manufactured with the superior technology in such a way that they can burn all kinds of solid fuel.

Automatic heat control system provides the desired degree of operation and stopping. The air that provides combustion with the digital control panel is precisely adjusted and the boiler continues to heat to the desired degree in a controlled manner. Thus, the desired degree of heat in the environment is kept constant. When the fuel runs out, the system turns off automatically.

Air is sent to the combustion chamber from the bottom with the help of a fan and from the top through a secondary air duct. In this system, which balances the air and gas circulation in the boiler, clean and complete combustion of the fuel is provided in a controlled manner.

Emtaş central system solid fuel heating boilers housing, and businesses to eliminate the need for heating is manufactured with superior properties TS en 303-5 warming gift for a safe and economical and CE standards, are manufactured by ISO 9001 Quality System.

EK3G SERIES CENTRAL SYSTEM SOLID FUEL HEATING BOILER TECHNICAL SPECIFICATIONS			UNIT	BOILER TYPE						
CAPACITY	Nominal Heat Power		kW	EK3G-120	EK3G-140	EK3G-160	EK3G-180	EK3G-200	EK3G-250	EK3G-300
			kcal/h	120.000	140.000	160.000	180.000	200.000	250.000	300.000
	Direct Efficiency	at full load	%	>90%	>90%	>90%	>90%	>90%	>90%	>90%
MAIN DIMENSIONS	Width, W	± 5	mm	730	830	830	875	975	995	1095
	Length, L	± 5	mm	1570	1725	1815	1695	1695	1950	1950
	Height, H	± 5	mm	1700	1700	1700	1950	1950	2015	2015
	Chimney Dia. (Inside-Outside), ØD1		mm	127 - 130	207 - 210	207 - 210	267 - 270	267 - 270	267 - 270	267 - 270
OPERATING CONDITIONS	Safety Limit Temperature		°C	90						
	Max. Operating Temperature		°C	90						
	Min. Water Return Temperature		°C	55						
	Operating & Test Pressure		bar	3 - 4,5						
	Required Chimney Draft (Vacuum)		Pa	-10						
	Electrical Connection		-	230 Vac , 50 Hz					380 Vac , 50 Hz	
	Fuel Type		-	Coal, Wood, Premium Quality Pellet, EN Plus A1						
INSTALLATION CONNECTION DIMENSIONS	Approximate Fuel Consumption	at full load	kg/h	17,78	20,74	23,70	26,67	29,63	37,04	44,44
	Boiler Out/ Return Connection	Diameter, ØD2	inch	2"	2"	2"	DN 50	DN 50	DN 80	DN 80
	Expansion Out/ Return Connection	Diameter, ØD3	inch	1"	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"
VOLUME AND WEIGHT	Water Volume		lt	295	325	415	485	570	610	770
	Waterless Boiler Weight		kg	700	820	880	920	1100	1340	1490

* We Reserve The Right to Make Changes Dimensions and Colors

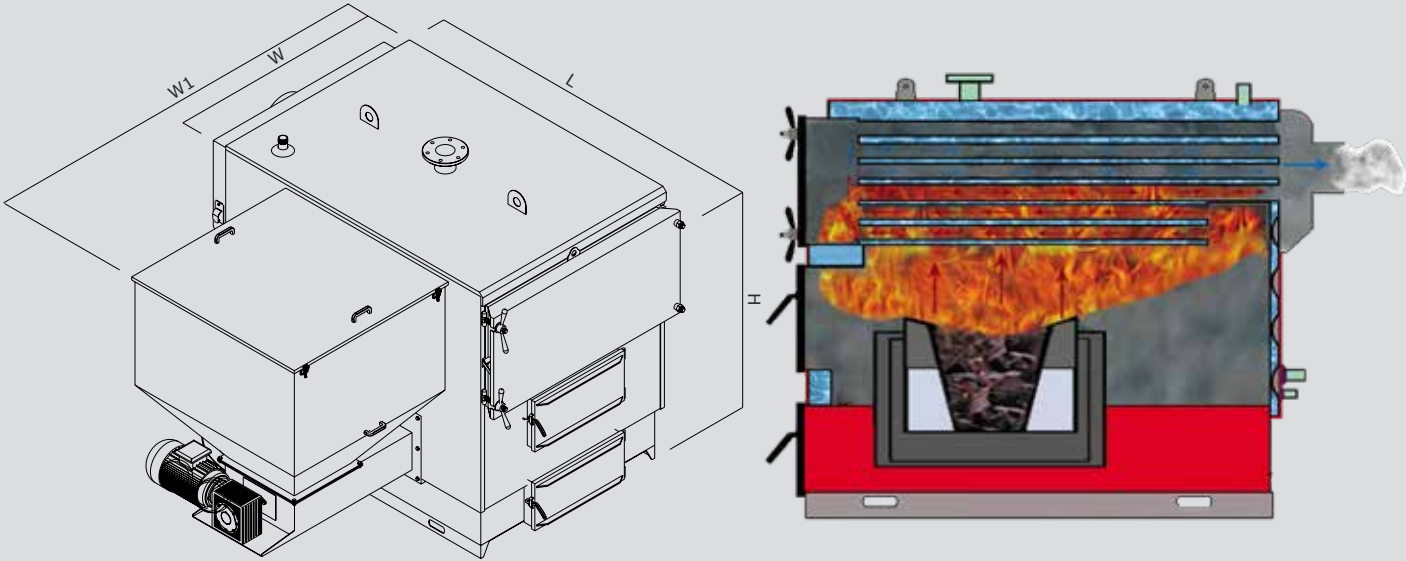


EK3G-S SERIES

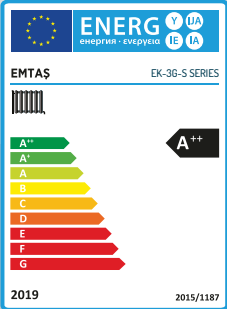
Central Systems Solid Fuel Auto Feeding Boilers



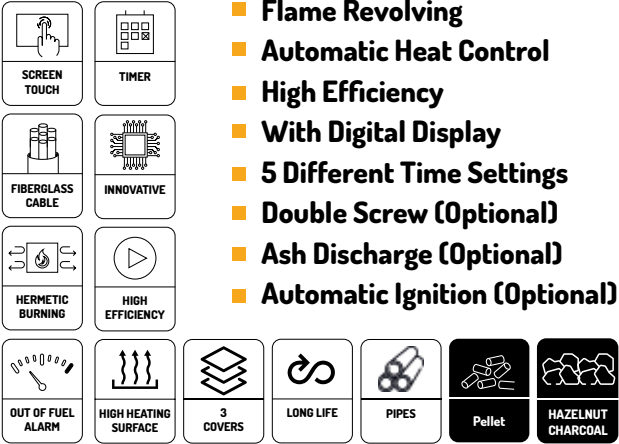
Technical Specifications



Fuel Type



- Central System
- 3-Pass (4-Pass Optional)
- Flame Revolving
- Automatic Heat Control
- High Efficiency
- With Digital Display
- 5 Different Time Settings
- Double Screw (Optional)
- Ash Discharge (Optional)
- Automatic Ignition (Optional)



Emtaş solid fuel automatic loading central system boilers are manufactured with superior technology to burn all types of solid fuels such as coal, pomace, pellets and nutshell with a diameter of up to 20 mm with superior technology.

Automatic heat control system provides the desired degree of operation and stopping. The air that provides combustion with the digital control panel is precisely adjusted and the boiler continues to heat to the desired degree in a controlled manner. Thus, the desired degree of heat in the environment is kept constant. When the fuel runs out, the system turns off automatically.

Since the fuel supply to the boiler is made from the bottom via a screw, such disadvantages as extinguishing the fire are eliminated, uniform and ideal combustion of the fuel is ensured by the combustion air coming from the peripheral surfaces of the combustion chamber.

Emtaş solid fuel automatic loading central system boilers are manufactured to meet the heating needs of all kinds of residential and business premises and are manufactured by EN 303-5 and CE standards with ISO 9001 Quality System to offer safe and economical heating with its superior features.

EK3G-S SERIES CENTRAL SYSTEM SOLID FUEL AUTO FEEDING HEATING BOILER TECHNICAL SPECIFICATIONS				BOILER TYPE				
			UNIT	EK3G-S-120	EK3G-S-140	EK3G-S-160	EK3G-S-180	EK3G-S-200
CAPACITY	Nominal Heat Power		kW	140	163	186	209	233
			kcal/h	120.000	140.000	160.000	180.000	200.000
MAIN DIMENSIONS	Direct Efficiency	at full load	%	>90%	>90%	>90%	>90%	>90%
	Boiler Width, W	± 5	mm	730	830	830	870	970
	Total Width, W1	± 5	mm	1370	1485	1485	1615	1750
	Length, L	± 5	mm	1570	1725	1815	1695	1695
	Height, H	± 5	mm	1700	1700	1700	1950	1950
	Screw Removal Distance, G		mm	900	960	960	1060	960
	Chimney Dia. (Inside-Outside), ØD1		mm	167 - 170	207 - 210	207 - 210	267 - 270	267 - 270
OPERATING CONDITIONS	Safety Limit Temperature		°C	90				
	Max. Operating Temperature		°C	90				
	Min. Water Return Temperature		°C	55				
	Operating & Test Pressure		bar	3 - 4,5				
	Required Chimney Draft (Vacuum)		Pa	-10				
	Electrical Connection		-	230 Vac , 50 Hz				
	Fuel Type		-	Coal, Premium Quality Pellet , EN Plus A1				
INSTALLATION CONNECTION DIMENSIONS	Approximate Fuel Consumption	at full load	kg/h	17,78	20,74	23,7	26,67	29,63
	Boiler Out/ Return Connection	Diameter, ØD2	inch	2"	2"	2"	DN 50	DN 50
	Expansion Out/ Return Connection	Diameter, ØD3	inch	1"	1"	1"	1"	1 1/2"
VOLUME AND WEIGHT	Water Volume		lt	292	322	412	481	565
	Fuel Tank Volume		lt	237	237	237	330	330
			kg	157	157	157	219	219
	Waterless Boiler Weight		kg	700	820	940	1060	1160

* We Reserve The Right to Make Changes Dimensions and Colors

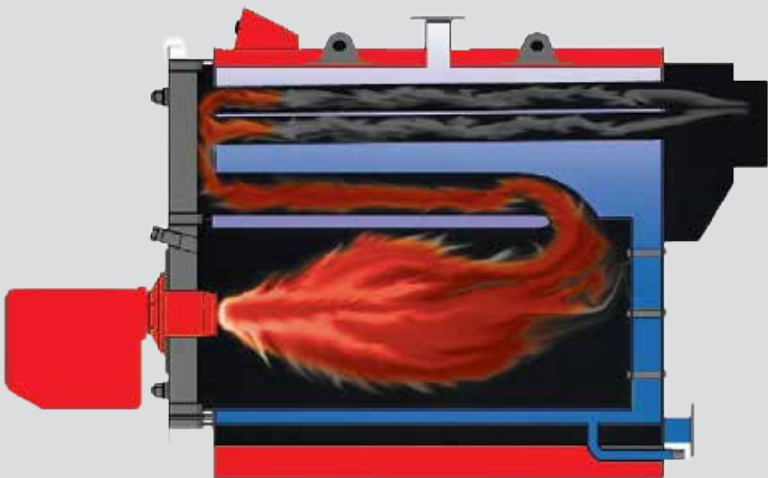
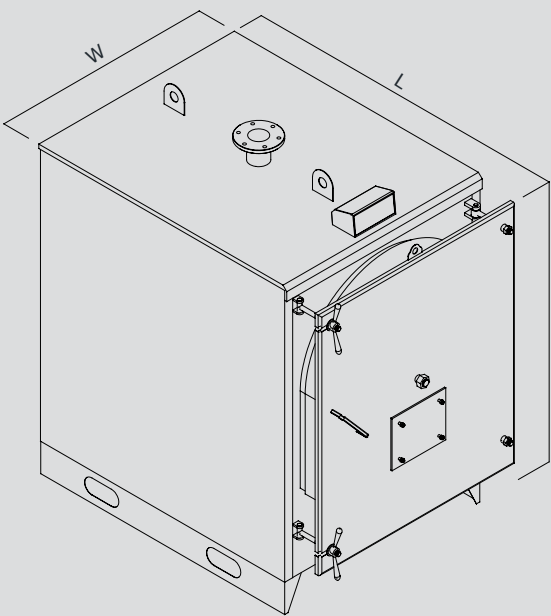


EGS3G SERIES

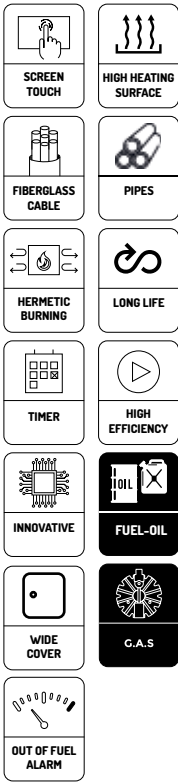
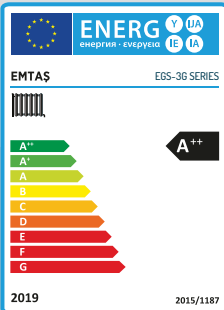
Central Systems Liquid/Gas Fuel Heating Boilers



Technical Specifications



Fuel Type



With a large volume combustion chamber, maximizing heat transfer surfaces, boiler efficiency and energy transferred to water are increased to the highest levels. The efficiency values were maximized, while the boiler gas and water side resistances and boiler standby losses were kept at minimum values.

Emtas gas/liquid fired central system boilers also do not need a special long barrel, high-pressure burners. High-efficiency, stable, uniform and quiet combustion are achieved with burners that comply with EN 676 and EN 267 standards.

Thanks to the large volume combustion chamber, where full combustion can be achieved, low flame temperatures can occur, optimal heat transfer surfaces and full compliance with the burner parameters by the norms, harmful emissions such as carbon monoxide and nitrogen oxide have been kept below European limits.

Emtas central systems liquid/gas fuel heating boilers all kinds of housing, businesses and manufactured to eliminate the need for heating and warming gift for a safe and economical with superior properties TS EN ISO 9001 Quality System 303-1, 303-2 TS EN, CE standards and are manufactured by TS EN 303-3.

- Gas and Liquid-Fueled
- 2-Pass (3-Pass Optional)
- Flame Revolving
- High Efficiency
- Eco-Friendly
- With Digital Display

EGS3G SERIES CENTRAL SYSTEM LIQUID/GAS FUEL HEATING BOILERS			UNIT	BOILER TYPE							
				EGS3G-80	EGS3G-100	EGS3G-125	EGS3G-150	EGS3G-175	EGS3G-200	EGS3G-250	
CAPACITY	Nominal Heat Power		kW	93	116	145	174	203	233	291	
			kcal/h	80.000	100.000	125.000	150.000	175.000	200.000	250.000	
	Direct Efficiency	at full load	%	>90%	>90%	>90%	>90%	>90%	>90%	>90%	
MAIN DIMENSIONS	Width, W	± 5	mm	670	670	670	710	710	770	770	
	Length, L	± 5	mm	1000	1150	1300	1450	1500	1500	1620	
	Height, H	± 5	mm	1280	1280	1280	1380	1380	1440	1440	
	Chimney Dia. (Inside-Outside), ØD1		mm	177 - 180	177 - 180	197 - 200	197 - 200	247 - 250	247 - 250	247 - 250	
	Gas Side Resistance		mbar	0,7	1	1,1	0,9	1,5	1,5	1,6	
OPERATING CONDITIONS	Safety Limit Temperature		°C	90							
	Max. Operating Temperature		°C	90							
	Min. Water Return Temperature		°C	55							
	Operating & Test Pressure		bar	4 - 6							
	Fuel Type		-	LPG,NATURAL GAS, DIESEL FUEL-OIL							
INSTALLATION CONNECTION DIMENSIONS	Boiler Out/ Return Connection	Diameter, ØD2	inch	2"	2"	NW 65	NW 65	NW 65	NW 65	NW 65	
	Expansion Out Connection	Diameter, ØD3	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	
	Expansion Return Connection	Diameter, ØD4	inch	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	
VOLUME AND WEIGHT	Water Volume		lt	97	215	239	250	255	260	369	
	Waterless Boiler Weight		kg	335	480	530	580	600	640	780	

* We Reserve The Right to Make Changes Dimensions and Colors



Floor Boiler



Closed Expansion Tank



Economic Method of Producing Hot Water

While Emtas floor boilers produce hot water, they also heat the place where they are located.

It can be mounted in place of radiators in bathrooms, kitchens and similar places, or it can be mounted in the bathroom with a separate installation.

Your hot water will be ready while the heater is on. In winter, it offers the opportunity to obtain hot water much more economically than water heaters and electric heaters.

60 lt. Floor Tank	Unit	160
Capacity	lt	60
Width	mm	375
Length	mm	375
Height	mm	785
Heating System Connection Axis Range	mm	535
Heating Installation Input - Output	inch	1/2
Mains Water Input - Output	inch	1/2
Operating Pressure	bar	4
Electrical Heater (optional)	watt	2000

- Galvanized Tank
- Long Life
- Robust, Aesthetic Appearance
- High Efficiency
- Corrosion Resistant
- Economic Solution
- 2000 Watt resistor (Optional)



Right Choice, Long Life Installation Safety

Closed Expansion Tanks are designed to provide the volumetric change of the heated water in heating systems, to keep the static pressure created by the pump at the usage level in sanitary applications, and to compensate for the changes in the water flow. A correctly selected expansion tank in the system prevents sudden pressure changes and prolongs the life of the installation elements and the pump.

- Suitable for use in heating systems.
- It has EPDM replaceable membrane in DIN 4807-3 standard.
- It is produced in accordance with CE standards.
- It can be produced in 3 pressure classes as 10, 16, 25 bar tanks.

TYPE	VOLUME (lt)	PRE-GAS PRESSURE (bar)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (inch)	MEMBRANE
EKGT-50	50	2	350	760	1	EPDM
EKGT-60	60	2	375	870	1	EPDM
EKGT-80	80	2	425	930	1	EPDM
EKGT-100	100	3	450	990	1	EPDM
EKGT-150	150	3	520	1080	1	EPDM
EKGT-200	200	3	590	1120	1	EPDM
EKGT-300	300	3	640	1250	1 1/4	EPDM
EKGT-500	500	3	750	1490	1 1/4	EPDM
EKGT-750	750	3	800	1920	2	EPDM
EKGT-1000	1000	3	800	2150	2	EPDM
EKGT-1500	1500	3	960	2350	2	EPDM
EKGT-2000	2000	3	1100	2450	2	EPDM

Single and Duble Cerpantines Boiler



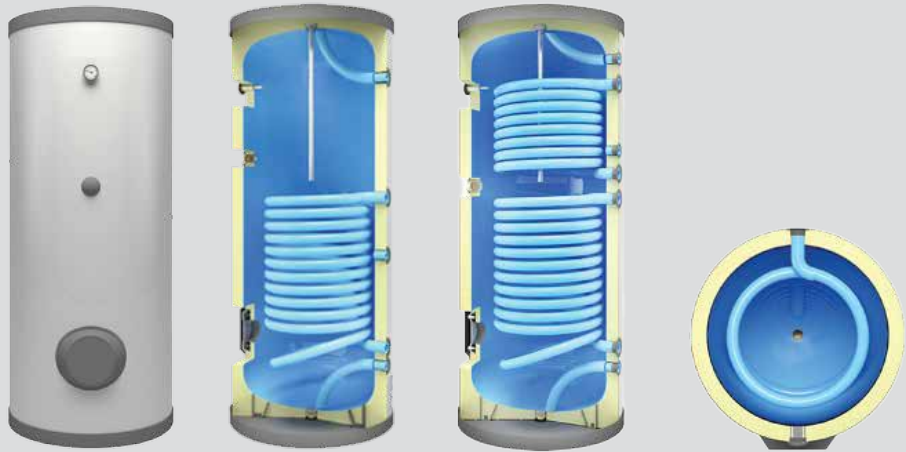
Continuous Use Hot Water

- Product option between 100 lt and 3000 lt,
- Hygienic and resistant to corrosion (abrasion) thanks to 250-450 micron titanium added enamel,
- Hard polyurethane with a thickness of 30 mm and a density of 44 kg/m³ for products from 100 lt to 500 lt,
- 50 mm thick, 23kg/m³ soft polyurethane insulation for products from 800 lt to 3000 lt,
- Special leather cover for products from 100 lt to 3000 lt,
- Cathodic protection with magnesium anode rod,
- Simple and elegant appearance,
- 10 bar operating pressure, 13 bar design pressure,
- Easy and serial assembly possibility,

Emtaş serpentine boilers are devices used to transfer the heat obtained from solar collectors to the utility water with the help of the lower 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, serpentine boilers provide the hot water need in a very economical way in regions that see more sun in winter months. As the third energy source, an electric heater can be optionally installed.

EMTAŞ Serpentine Boilers; It is produced in accordance with internationally recognized CE and TSE standards

Technical Specifications



SINGLE SERPENTINE BOILER	Unit	100	160	200	300	400	500	800	1000	1500	2000	2500	3000
Capacity	lt	105	163	205	302	403	505	802	1006	1505	2002	2503	2935
Inner Diameter	mm	400	450	500	600	600	600	750	850	1100	1100	1200	1250
Outer Diameter	mm	460	510	560	660	660	660	850	950	1200	1200	1300	1350
Height	mm	1170	1300	1300	1330	1740	2090	2240	2240	1960	2360	2580	2600
Gross Weight	kg	60	76	89	124	150	185	255	290	387	423	464	496
Cold Water Boiler Inlet	inch	3/4	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	2	2
Hot Water Boiler Inlet	inch	3/4	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	2	2
Circulation	inch	3/4	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	2	2
Heating Fluid Hot Inlet-Serpentine	inch	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Heating Fluid Cold Outlet-Serpentine	inch	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Serpentine Heating Surface Area	m²	0,6	0,9	1,06	1,59	1,85	1,98	2,78	3,18	4,77	5,3	6,09	6,62
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
Electric Heater Input	inch	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	2	2	2	2	2	2
Insulation Thickness	mm	30	30	30	30	30	30	50	50	50	50	50	50
Insulation Density	kg/m³	44	44	44	44	44	44	18	18	18	18	18	18
Cleaning Flange	inch	4	4	4	4	4	4	4	4	4	4	4	4

DOUBLE SERPENTINE BOILER	Unit	160	200	300	400	500	800	1000	1500	2000	2500	3000
Capacity	lt	163	205	302	403	505	802	1006	1505	2002	2503	2935
Inner Diameter	mm	450	500	600	600	600	750	850	1100	1100	1200	1250
Outer Diameter	mm	510	560	660	660	660	850	950	1200	1200	1300	1350
Height	mm	1300	1300	1330	1740	2090	2240	2240	1960	2360	2580	2600
Gross Weight	kg	82	94	128	165	213	283	315	394	472	505	530
Cold Water Boiler Inlet	inch	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	2	2
Hot Water Boiler Inlet	inch	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	2	2
Circulation	inch	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	2	2
Top Heater Fluid Hot Inlet-Serpentine	inch	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Top Heater Fluid Cold Outlet-Serpentine	inch	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Top Serpentine Heating Surface Area	m²	0,3	0,35	0,6	0,9	1,3	1,4	1,47	1,6	2,25	2,95	3,31
Bottom Heater Fluid Hot Inlet-Serpentine	inch	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Bottom Heater Fluid Cold Outlet-Serpentine	inch	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Bottom Serpentine Heating Surface Area	m²	0,5	0,6	0,8	1,2	1,98	2,78	3,18	2,65	5,3	4,6	4,76
Total Serpentine Surface Heating Area	m²	0,8	0,95	1,4	2,1	3,28	4,18	4,65	4,25	7,55	7,55	8,07
Anode Connection	inch	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
Electric Heater Input	inch	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	2	2	2	2	2	2
Insulation Thickness	mm	30	30	30	30	30	50	50	50	50	50	50
Insulation Density	kg/m³	44	44	44	44	44	18	18	18	18	18	18
Cleaning Flange	inch	4	4	4	4	4	4	4	4	4	4	4

Towel Radiators



NUMBER OF PIPE	HEIGHT	WIDTH		
		400	500	600
	H	L1	L1	L1
10	700	355	455	555
12	800	355	455	555
13	900	355	455	555
14	1000	355	455	555
15	1100	355	455	555
16	1200	355	455	555
18	1300	355	455	555
20	1400	355	455	555
22	1500	355	455	555
23	1600	355	455	555
24	1700	355	455	555

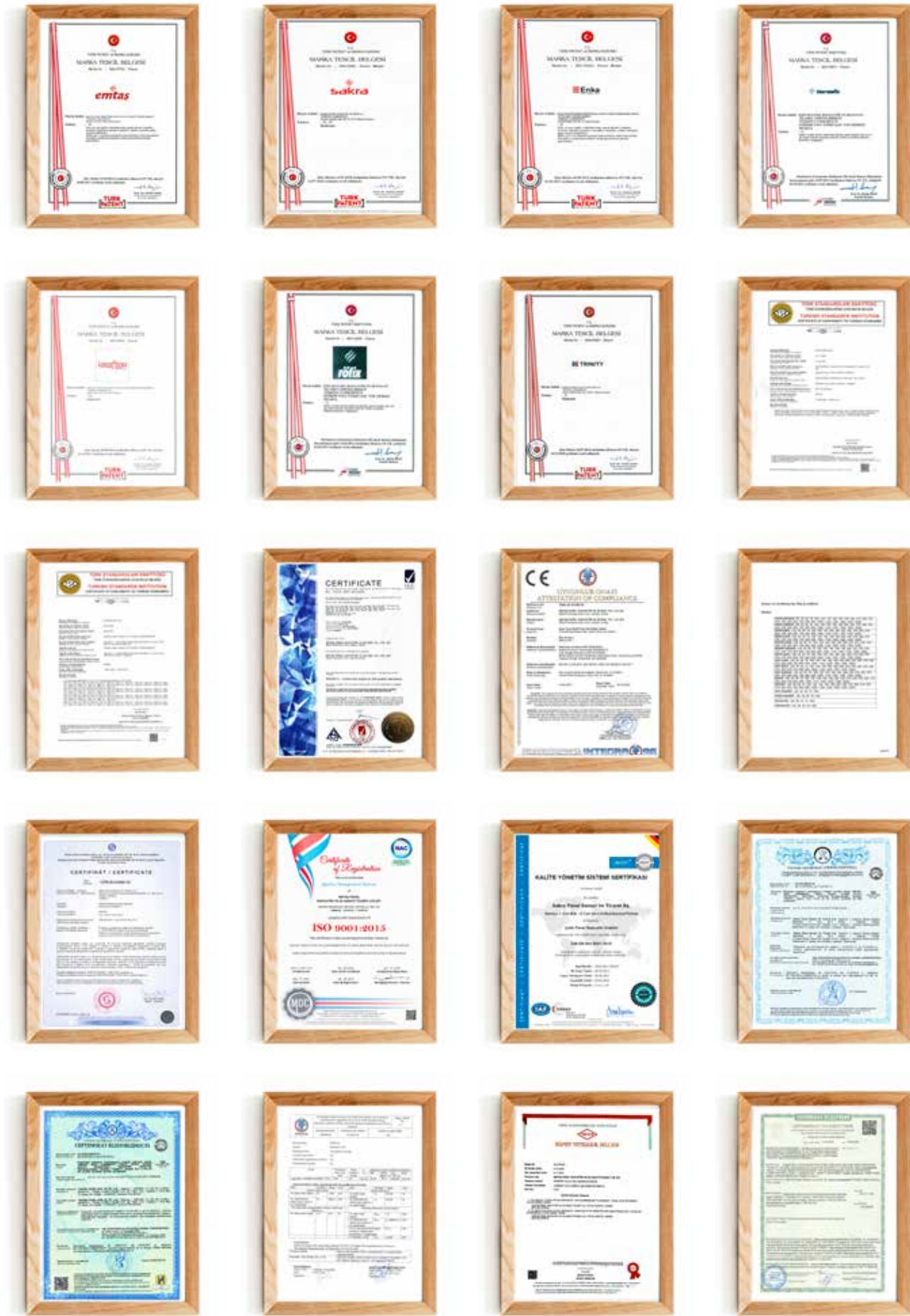
EMTAŞ TOWEL RADIATORS; offers technical and aesthetic heating and drying solutions for different usage areas.

EMTAŞ TOWEL RADIATORS; It adds value to the atmosphere of your bathroom with its functionality, ease of use and stylish design. It provides a stylish and aesthetic appearance with the forms in which modernism makes itself felt, surfaces favoring simplicity and calm details.

- Aesthetic and Decorative Appearance,
- Ergonomic Design for Narrow Environments,
- High Quality, Long Life,
- Corrosion Resistant,
- Easy montage,
- Wide range of flat and oval models that provide flexibility in product selection,
- Specially designed wall hangers for trouble free mounting.

* We Reserve The Right to Make Changes Dimensions and Colors

Certificates





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