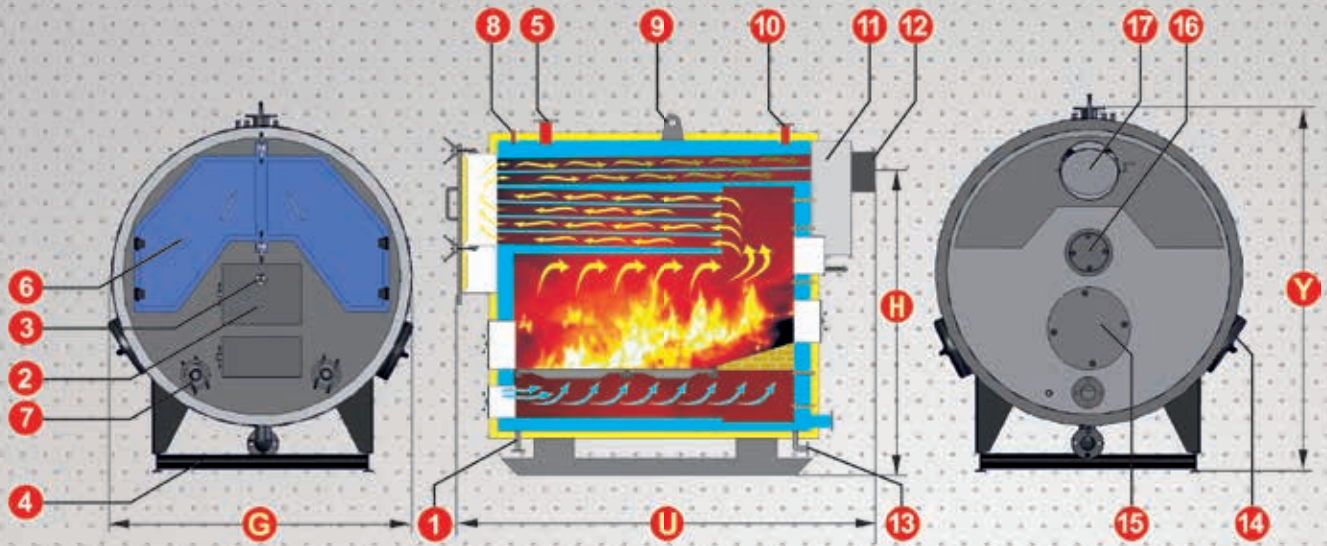




TS EN 12953-1-3
 TS 377-1-2-3-4-5
 ISO 9001-2008
 BFPN:153-1700

THE FEATURES OF ASSK-K SOLID FUEL CYLINDRICAL SCOTCH TYPE THREE-PASS SUPERHEATED WATER BOILERS

- It complies with TS EN 12953-1-3, TS 377-1-2-3-4-5-6-7-8-10-11-12-14, TS EN 12953-1-2-3-4-5-6-7-8-10-11-12- 14 standards.
- It burns solid fuel with high efficacy.
- It has convenient construction in high pressure values.
- It has been designed to scatter thermal tensions at high temperature.
- It is manufactured with the capacity to meet high energy needs.
- It is economical.
- It can be applied in the systems where hot oil and steam are not used.
- It is manufactured with computer aided design and manufacturing technology in accordance with CE quality standards, TRD, EN, TSE standards.
- In continuous operating conditions, and in sudden hot water tractions, it provides high performance.
- With loop design, it provides benefiting from heat transfer at maximum level.
- With optimum isolation, it provides maximum performance.
- It has minimum flue gas emissions and environmentally friendly.
- It provides high thermal efficiency without economizers.
- It provides fuel saving thanks to special construction.
- In order to meet customer expectations, it increases production capacity range.
- It can be coupled directly to the systems that can make thermal recycling from flue gas.
- With cover and combustion chamber revision, liquid-gas fuel can be burnt.
- BFPN : 153.1700 are solid fuel boilers made from hot water producer steel material under 3 atm construction pressure.
- BFPN : 153.2000 are solid fuel boilers made from hot water producer steel material under 6 atm construction pressure.



1. Drainage	6. Front steam boxes	10. Safety output	15. Cleaning cover
2. Coal throwing cover	7. Hand hole	11. Rear smoke boxes	16. Bursting hinge
3. Flare peep cover	8. Prosestad, manometer and thermometer nozzles	12. Smoke channel	17. Chimney Clapper
4. Ground anchor profile	9. Transport ring	13. Foot bluff hole	
5. Hot water exit		14. Man hole	

THE TECHNICAL DIMENSIONS OF ASK-K SOLID FUEL CYLINDRICAL SCOTCH TYPE THREE-PASS SUPERHEATED WATER BOILERS

BOILER TYPE	UNIT	ASK-K 10	ASK-K 15	ASK-K 20	ASK-K 25	ASK-K 30	ASK-K 40	ASK-K 50	ASK-K 65	ASK-K 80
Capacity	m ²	10	15	20	25	30	40	50	65	80
Capacity (with stocker)	Kcal/h	100.000	150.000	200.000	250.000	300.000	400.000	500.000	650.000	800.000
Capacity	kW	116	174	233	291	349	465	581	756	930
Width	G mm	1.500	1.600	1.650	1.700	1.750	1.800	1.950	2.000	2.200
Length	U mm	2.710	2.965	2.890	3.215	3.255	3.660	4.170	4.335	4.440
Height	Y mm	1.800	1.900	1.950	2.000	2.050	2.100	2.200	2.300	2.500
Funnel axis height	H mm	1.410	1.510	1.560	1.610	1.660	1.710	1.810	1.910	2.110
Base width x length	mm	1600x2810	1700x3065	1750x2990	1800x3315	1850x3355	1900x3760	2050x4270	2100x4435	2300x4540
Funnel Outlet	Ø mm	250x200	250x250	250x320	350x250	400x350	350x400	500x400	400x500	600x460
Security Valve Outlet	Ø mm	20/32	20/32	20/32	20/32	20/32	25/40	25/40	25/40	25/40
Water Volume	Lt	2.140	2.470	2.650	3.140	3.390	3.430	5.380	5.700	6.590
Weight (6 Atü)	Kg	1.500	1.900	2.100	2.700	3.000	3.600	4.500	5.000	6.400
Weight (8 Atü)	Kg	1.600	2.000	2.200	2.700	3.000	3.600	4.500	5.000	6.400
Weight (10 Atü)	Kg	1.700	2.100	2.300	2.800	3.200	3.800	4.700	5.300	6.700
Weight (12 Atü)	Kg	1.800	2.200	2.500	2.900	3.400	4.100	5.100	5.800	7.300
Weight (15 Atü)	Kg	1.900	2.300	2.600	3.000	3.600	4.300	5.400	6.000	7.600
Counter Pressure	mBar	5	5	5	5	6	6	6	6	6

BOILER TYPE	UNIT	ASK-K 100	ASK-K 125	ASK-K 150	ASK-K 175	ASK-K 200	ASK-K 225	ASK-K 250	ASK-K 275	ASK-K 300
Capacity	m ²	100	125	150	175	200	225	250	275	300
Capacity (with stocker)	Kcal/h	1.000.000	1.250.000	1.500.000	1.750.000	2.000.000	2.250.000	2.500.000	2.750.000	3.000.000
Capacity	kW	1.163	1.453	1.744	2.035	2.326	2.616	2.907	3.198	3.488
Width	G mm	2.400	2.600	2.700	2.700	2.800	2.900	3.000	3.000	3.100
Length	U mm	4.350	4.435	4.840	5.845	5.940	6.330	6.565	6.690	7.155
Height	Y mm	2.700	2.900	3.000	3.000	3.100	3.200	3.300	3.300	3.400
Funnel axis height	H mm	2.000	2.200	2.300	2.300	2.400	2.500	2.600	2.600	2.700
Base width x length	mm	2500x4450	2700x4535	2800x4940	2800x5945	2900x6040	3000x6430	3100x6665	3100x6790	3200x7255
Funnel Outlet	Ø mm	650x650	660x660	750x750	750x750	750x750	800x800	850x850	900x900	900x900
Security Valve Outlet	Ø mm	25/40	32/50	32/50	40/65	50/80	50/80	50/80	50/80	50/80
Water Volume	Lt	8.270	9.740	10.320	14.430	15.780	18.940	20.980	21.000	23.000
Weight (6 Atü)	Kg	7.500	9.300	11.500	12.400	13.500	15.500	16.900	17.800	19.500
Weight (8 Atü)	Kg	7.500	9.300	11.500	12.400	13.500	15.500	16.900	17.800	19.500
Weight (10 Atü)	Kg	7.600	9.800	12.300	13.300	14.500	16.500	18.200	19.200	21.100
Weight (12 Atü)	Kg	8.300	10.600	13.200	14.300	16.000	18.500	20.300	21.200	23.000
Weight (15 Atü)	Kg	8.600	11.200	13.900	15.000	16.300	19.600	21.400	22.300	24.300
Counter Pressure	mBar	6	7	7	7	8	9	9	9	9

- Base width must be accepted minimum as 100 mm.
- The right of making change in technical issues is reserved by our firm.
- Special designs and manufacturing can be done.