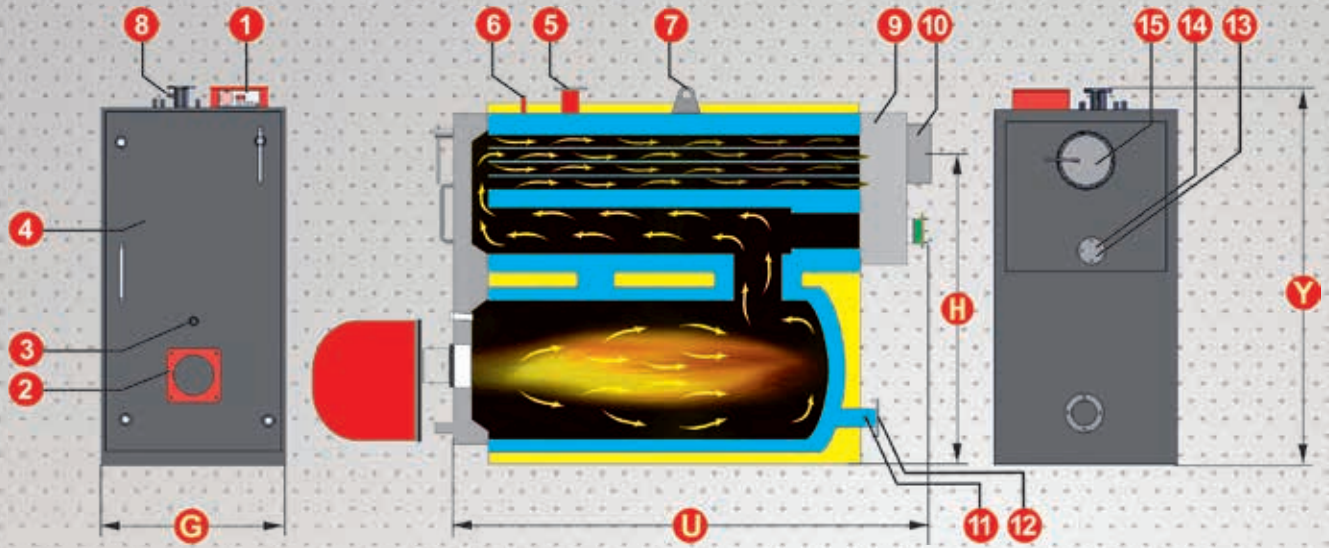


TS EN 12953-1-3
 TS EN 497
 TS EN 303-1-2-3-4
 ISO 9001-2008
 BFPN:152-2000
 BFPN:152-4000



THE FEATURES OF ASSF LIQUID GAS FUEL PRISMATIC TYPE THREE PASS DOUBLEX HEATING BOILERS

- It burns liquid and gas fuel at high efficacy
- Combustion efficacy is over 96% and more and it has an extremely sensitive design to the environment.
- With low fuel consumption, it provides fuel saving and economy.
- With three-transitive structure, it is more durable than the other boilers.
- It is designed for the cases having limited usage area and difficult transition.
- Thanks to superior design and manufacturing method, corrosive substances affect water at minimum level.
- It is affected at the lowest level by construction providing equal expansion on all surfaces balancing heat transfer and by sheet deformations caused by thermic tensions.
- With ergonomic dimensions, it covers small volumes and provides appropriate usage area by easily passing through narrow places and it can be installed.
- Burnt gases cycling within the boiler in appropriate angles and speeds are discharged from the funnel and sheet deformation can be prevented as a conclusion of acid corrosion in the boiler.
- Bright flame occurring in combustion chamber where intensive combustion with three transitions occurs is conveyed to water through radiation heat transfer.
- Ergonomic operating range is detected to be 350.000 Kcal / h – 1.000.000 Kcal / h and when the usage areas are enough, higher capacities of design and manufacturing can be performed.
- Boilers have fire-smoke pipes and the boiler pipes are welded to the mirrors.
- Thanks to high design and manufacturing technology, it runs very silent and efficient.
- Front furnace coupled has been performed optionally at different capacities, solid fuel can be burnt and capacity increase can be done.
- It can be remote wireless controlled (optionally).



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|---------------------|--|---------------------|------------------------|
| 1. Control Panel | 5. Hot water outlet | 8. Safety output | 12. Hot water recycles |
| 2. Burner flange | 6. Thermometer and hydrometer connection nozzles | 9. Rear smoke boxes | 13. Cleaning cover |
| 3. Flare peep cover | 7. Transport ring | 10. Smoke channel | 14. Bursting hinge |
| 4. Cast front cover | | 11. Safety input | 15. Chimney Clapper |

TECHNICAL MEASURES OF ASSF LIQUID GAS FUEL PRISMATIC TYPE THREE-PASS HEATING BOILERS

BOILER TYPE	UNIT	ASSF 350	ASSF 400	ASSF 450	ASSF 500	ASSF 600	ASSF 700	ASSF 800	ASSF 1000
Capacity	Kcal/h	350.000	400.000	450.000	500.000	600.000	700.000	800.000	1.000.000
Capacity	kW	407	465	523	581	698	814	930	1.163
Width	mm	850	850	850	850	850	950	950	1050
Length	mm	1.965	2.115	2.315	2.515	2.595	2.495	2.695	2.735
Height	mm	1.660	1.660	1.660	1.660	1.760	1.910	1.910	2.060
Funnel axis height	mm	1.325	1.325	1.325	1.325	1.425	1.500	1.500	1.600
Base width x length	mm	900x2065	900x2215	900x2415	900x2615	900x2695	1000x2595	1000x2795	1100x2835
Heater Stream/return	PN6	Ø 80	Ø 100	Ø 100	Ø 100	Ø 125	Ø 125	Ø 125	Ø 125
Security stream	PN6	2"	2"	2"	2"	2"	Ø 65	Ø 65	Ø 65
Security return	PN6	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Funnel exit	Ø mm	350	350	400	400	450	450	450	500
Width	Kg	1.220	1.350	1.430	1.570	1.680	1.750	1.900	2.430
Water volume	Lt	450	490	550	610	670	830	925	1.140
Counter pressure	mbar	5,8	6,6	7,0	7,4	8,3	9,2	10,5	12,2

- 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.