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Monobloc Type – Semi-3-smoke turns
Capacity :134 to 4199 kg/h steam production



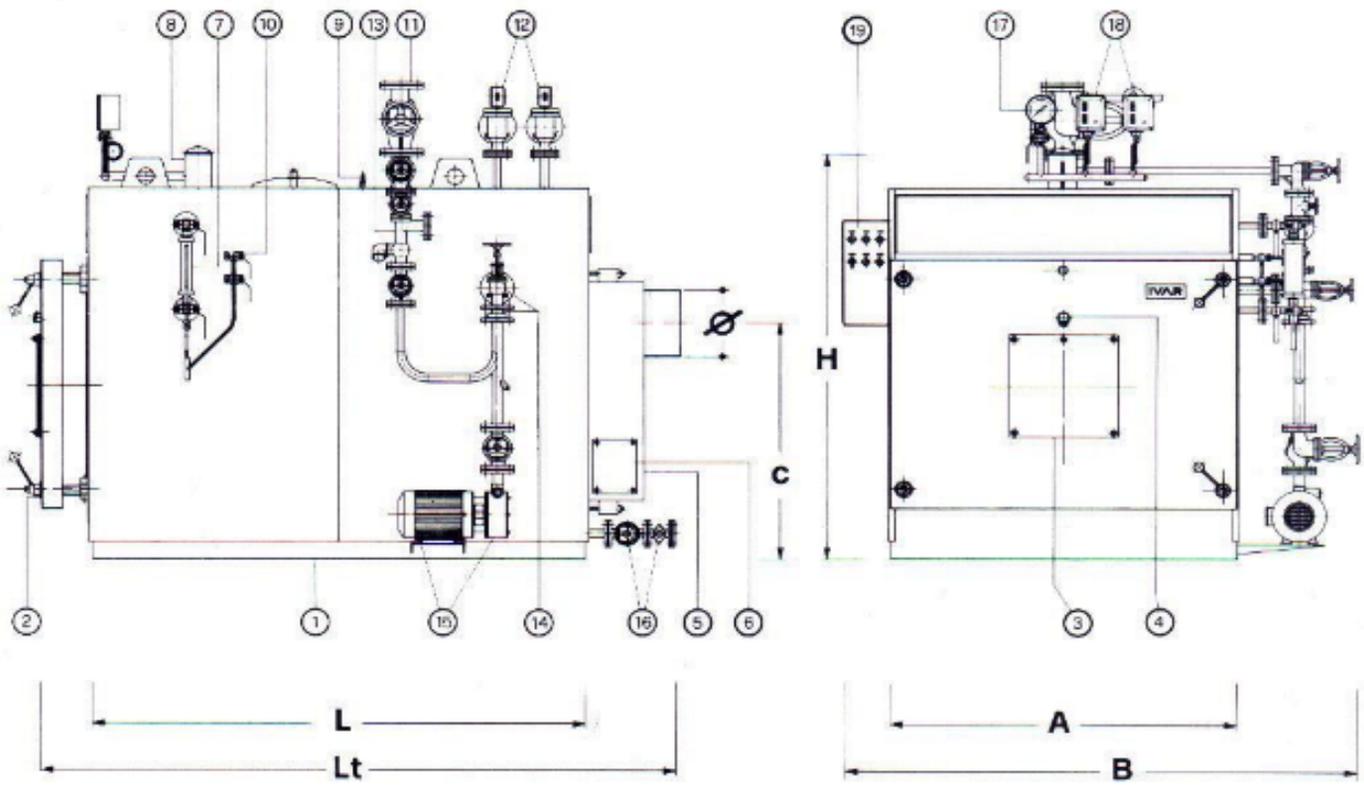
STEAM BOILER
TILL TO 14.7 bar

SERIES
GVA/M
BHP



TUV

The technology and experience at service of quality



- | | | |
|-----------------------|--------------------------------|--|
| 1. Boiler shell | 8. Level regulator | 15. Feeding pump |
| 2. Front door | 9. Safety probe and Mass probe | 16. Discharge unit |
| 3. Burner flange | 10. Level check cocks | 17. Manometer |
| 4. Combustion control | 11. Steam outlet valve | 18. Safety and Service pressure switch |
| 5. Smoke chamber | 12. Safety valve | 19. Control Panel |
| 6. Cleaning door | 13. Steam injector | |
| 7. Level Indicator | 14. Feeding unit | |

Type		80	120	180	230	320	400	500	600	800	1000	1200	1500	1750	2000	2500
GVAM		80	120	180	230	320	400	500	600	800	1000	1200	1500	1750	2000	2500
BHP		93	140	210	270	370	465	580	700	930	1165	1395	1745	2035	2325	2907
Nominal capacity	KW	93	140	209.3	267.5	372	465	581.5	697.8	930.4	1163	1395.6	1744.5	2035	2326	2907.5
	kcal x1000	80	120	180	230	320	400	500	600	800	1000	1200	1500	1750	2000	2500
Furnace capacity	KW	104.5	157	235.2	300.6	418	523	653.5	784	1045	1307	1568.1	1960.1	2287	2613.5	3267
	kcal x1000	89.87	134.83	202.25	258.43	359.5	449.5	561.8	674.2	898.88	1123.6	1348.3	1658.4	1966.3	2247.2	2809
Steam production * kg/h		134	201	302	386	537	672	840	1008	1343	1679	2015	2519	2939	3359	4199
Combustion chamber pressure mbar		1.5	2.5	3	3.5	4.2	4.5	5	6	6.5	7	7	8	8.2	9	10
Water content level																
Full level	dm3	368	368	630	630	935	935	1163	1422	1790	2215	2633	3465	3910	4340	5450
Nominal	dm3	254	254	430	430	650	650	810	1012	1265	1562	1889	2468	2710	1940	2120
Dimensions	(mm)															
	A	940	940	1030	1030	1170	1170	1290	1290	1480	1480	1620	1780	1890	4340	5450
	B	1440	1440	1530	1530	1670	1670	1790	1790	1980	1980	2120	2300	2400	2450	2650
	L	1220	1220	1365	1365	1530	1530	1660	1660	1860	1860	2000	2225	2225	2320	2485
	Lt	1050	1050	1500	1500	1750	1750	1750	2150	2032	2532	2533	2800	2750	2830	3050
c	630	630	680	680	835	835	895	895	1025	1025	1125	1300	1290	1300	1400	
Connections																
Stem intake	DN	25	25	32	32	40	40	50	50	65	80	80	80	80	100	100
Discharge	DN	25	25	25	25	25	25	25	25	25	25	40	40	40	40	40
Stack	Ø mm	220	220	220	220	220	220	250	250	300	300	350	350	400	400	450
Nett weight	kg	905	905	1330	1330	1870	1870	2230	2710	3220	3830	4440	5280	6300	7210	8080

* feed water 70°C Pressure 11.7 bar

IVAR reserve the right to make any modification considered necessary for improving production and declines any eventual errors contained in this catalogue



The " GVA/M-BHP" steam boiler till to 14.7 bar, is of pressurized combustion monobloc type.

It is made according to the most advanced technology and is equipped with a large back-firing furnace completely wet, of cylindrical shape closed at the rear end. Thanks to the pressurization developed in the combustion chamber, the combustion gases return
The " GVA/M-BHP" steam boiler work with the heavy or light oil, gasoil, methane, natural gas and LPG burner.



Type BHP Steam boiler from 201 to 4199 kg/h
Model 93 to Model 2907 (Standard production)

Heat Supply

Special studies have been dedicated to the volumes destined to steam and to liquid so as to obtain an excellent heat supply capable of satisfying, in conditions of good efficiency, points of greater steam need and for long time.

Testing

It is manufactured under the laws in force.

The design, the manufacture and the factory testing are made under the I.S.P.E.S.L. control, utilizing material and welding qualified process.

On request the generator could be designed, manufactured and tested in accordance with TÜV regulation

I.S.P.E.S.L. Partial Exemption

The " GVA/M-BHP" steam boiler up to the model 1750 can be exonerated from the continuous presence of patented conductor, as per art. 43 of D.M. 21/05/1974.

Control and Safety Outfit

The accessories outfit of the "GAV/M-BHP" steam boiler permits the completely automatic working of itself and the obtaining of the above mentioned exonerations.

Service

Every request for service is timely met by trained staff capable of carrying out any type of intervention anywhere in the country or abroad.

Application

Te steam boiler Model "GAV/M-BHP" are used in varies commercial and industrial sectors such as : laundries, alimentary industries, hospitals, tanneries, stcs.



Cylindrical Model can be available by special order
From Model 500 to Model 2500