

MULTI-FUEL BURNER SERIES TAV25



WESMAN COMBUSTION EQUIPMENT

TAV25 MULTI-FUEL BURNERS can be used in heat treatment, forging, re-heating non-ferrous melting furnaces, kilns, ovens, air heaters, dryers, chemical process equipment, and other applications where superior temperature uniformity is required.

FUEL OPTIONS: This versatile burner can use:

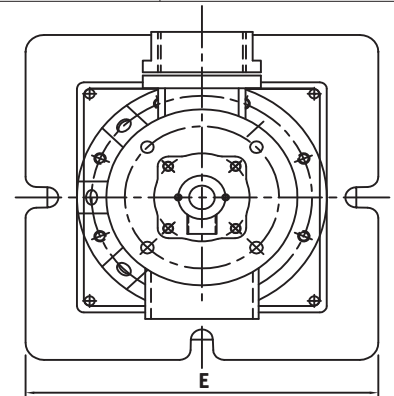
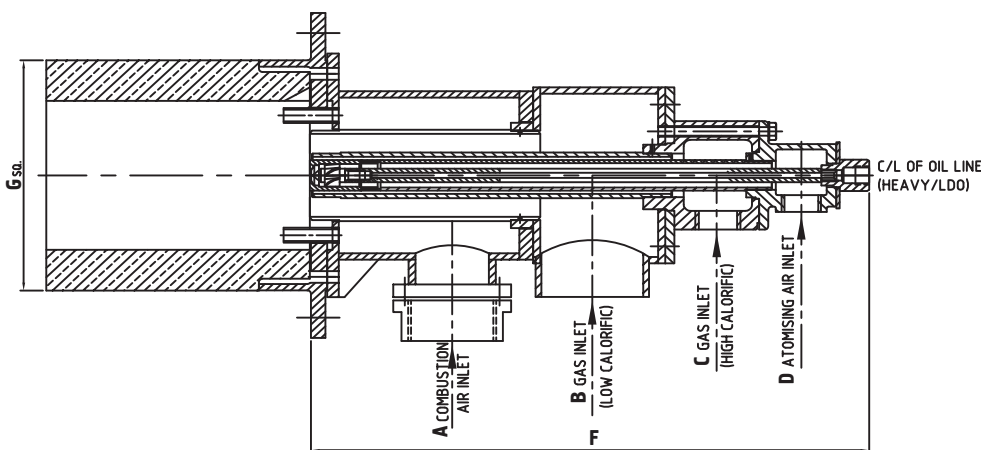
- One oil and two gases (furnace oil, light diesel oil, HSD or kerosene along with natural gas, LPG, propane, CBM, coke oven gas, blast furnace gas, or producer gas)
- Three gases such as high GCF (natural Gas, LPG, propane), medium GCF (CBM, coke oven gas) and low GCF (blast furnace gas, producer gas)
- Can use any one or all three fuels simultaneously.
- Can use the cheapest available fuel as its primary fuel and supplement shortfalls with costlier fuels.

OTHER OPTIONS:

- Available in high and medium velocity models.
- Auto ignition flame monitoring also available.



BURNER MODEL	COMBUSTION AIR AT 70 mbar (m ³ /hr)	ATOMIZING AIR AT 150 mbar (m ³ /hr)	EQUIVALENT OIL (LPH)	LPG (m ³ /hr) CV=26500 Kcal/m ³	LOW CV GAS (m ³ /hr) CV=1100 Kcal/m ³
TAV25-6-C-C	100	22	11	4	100
TAV25-6-D-C	164	27	16	6	150
TAV25-7A-E-D	268	35	26	10	230
TAV25-8A-F-F	419	39	40	15	360
TAV25-8A-G1-F	742	118	70	26	630



BURNER MODEL	A	B*	C**	D	E	F	G
TAV25-6-C-C	40	80	25	20	305	470	216
TAV25-6-D-C	50	80	32	20	305	470	216
TAV25-7A-E-D	65	100	40	25	419	605	254
TAV25-8A-F-F	80	150	40	25	508	700	408
TAV25-8A-G1-F	100	150	65	32	508	700	408

*PORT DIA OF LOW CALORIFIC GAS

**PORT DIA OF HIGH CALORIFIC GAS

ALL DIMENSIONS ARE IN MM/ BOLT DIMENSIONS ARE IN INCHES

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