

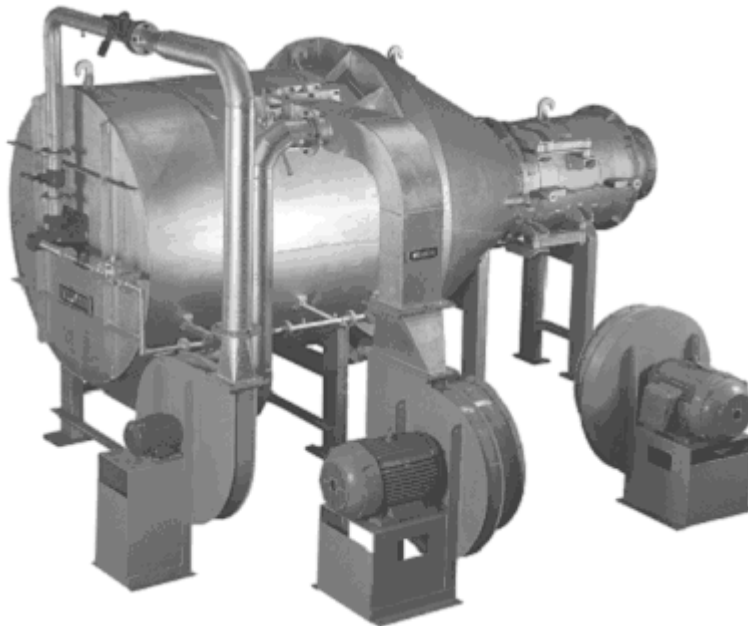
# WESMAN

## FOUNDRY EQUIPMENT DIVISION

# HOT AIR GENERATOR

FOUNDRY EQUIPMENT

**WESMAN HOT AIR GENERATORS** supply air heated to elevated temperature by mixing it with products of combustion from a burner. The hot air generator consists of an inner refractory-lined combustion chamber, venturi section where hot products of combustion mix with dilution air, and outlet section.



Hot air at a wide range of temperatures and pressures is produced for applications like foundry sand drying, shell sand coating, core drying rooms or ovens, drying and processing of ores and minerals, food processing, tea drying, seed drying and paint drying. Furnace oil, HSD, LDO, LPG or natural gas may be used as fuel.

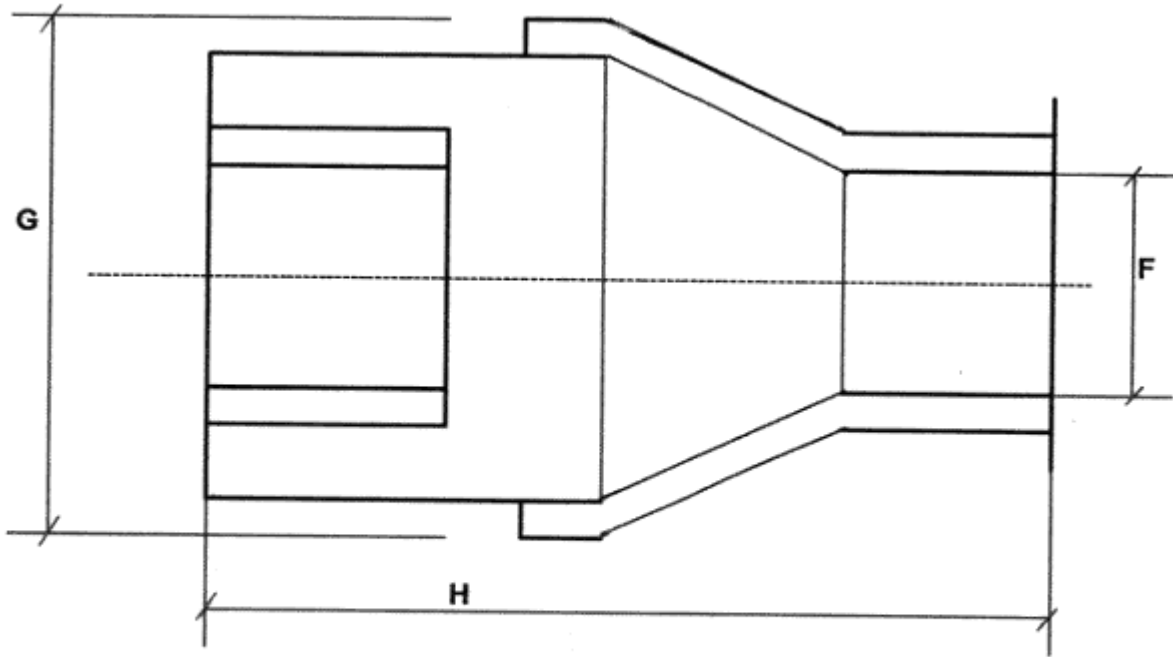
The combustion chamber is lined with IS-8 firebrick, while the mixing chamber and the outlet section are lined with insulation brick. Air and oil pipelines required for combustion are included. The combustion equipment comprises a Wesman North American oil burner with burner block, mounting plate, isolating valve, and oil pumping and heating unit.

**OPTIONAL ACCESSORIES:** ■ AUTO-IGNITION SYSTEM FOR BURNER ■ TEMPERATURE CONTROLLER AND MODULATING MOTOR FOR AUTOMATIC TEMPERATURE CONTROL

SEE REVERSE FOR INSTALLATION DIMENSIONS

## STAR FEATURES

- ▶ Supplies clean soot-free hot air at any pressure and temperature
- ▶ Uses any type of oil or gas as fuel
- ▶ Automatic or manual temperature control and burner ignition
- ▶ Rugged construction
- ▶ Excellent fuel economy
- ▶ Countrywide after-sales service network



Hot Air Temp. 250 Deg C

Hot Air Pressure : 50 mm WG

Sl No	Model HOTFLOW	Burner	Hot Air Vol. Cub. M/hr	Dimn. in mm			Connected oil Capacity Ltrs/Hr	Remarks
				F	G	H		
1	L 25-5-100	5422-2	1000	654	1566	2149	4.5	LDO
2	L 25-5-225	5422-3	2250	654	1566	2200	10	LDO
3	L 25-5-350	5422-4	3500	705	1617	2403	15.5	LDO
4	L 25-5-550	5422-5	5500	705	1617	2403	24.5	LDO
5	L 25-5-880	5422-6	8800	720	1617	2863	39	LDO
6	L 25-5-1530	5422-7A	15300	950	1617	3503	67.5	LDO
7	L 25-5-1850	5422-7B	18500	1045	1617	3516	81.5	LDO
8	L 25-5-2550	5422-8A	25500	1226	2074	6373	112.5	LDO
9	F 25-5-1000	5514-6	10000	950	1617	3503	44	Furnace Oil
10	F 25-5-1650	5514-7	16500	986	1769	3486	73	Furnace Oil
11	F 25-5-2800	5514-8A	28000	1314	2226	4841	124	Furnace Oil



**THE WESMAN ENGINEERING CO PVT LTD**

WESMAN CENTER, 8 MAYFAIR ROAD, KOLKATA 700019, INDIA  
 TEL: +91 (33) 22405320, 22816406  
 FAX: +91 (33) 22478050, 22816402  
 EMAIL: foundry@wesman.com INTERNET: www.wesman.com

KOLKATA ■ NEW DELHI ■ MUMBAI ■ CHENNAI ■ PUNE ■ BANGALORE ■ AHMEDABAD ■ HYDERABAD