

SERIES

GAS AND OIL SPACE HEATERS FOR DIRECT AIR DIFFUSION

WARM AIR HEATERS



CERTIFIED IN ACCORDANCE WITH:

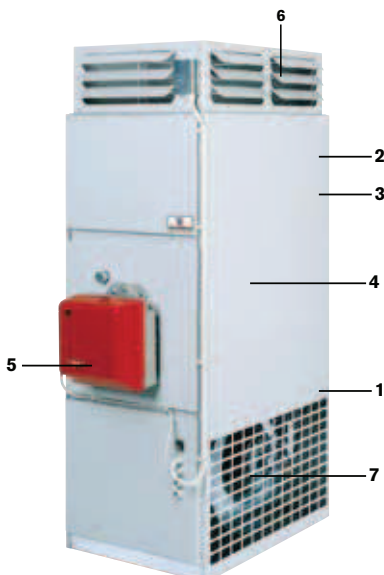
- GAS DIRECTIVE 90/396/CEE
- LOW TENSION DIRECTIVE 73/23/CEE
- MACHINE DIRECTIVE 89/392/CEE
- ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 89/336/CEE

EFFICIENCY ~ 90%

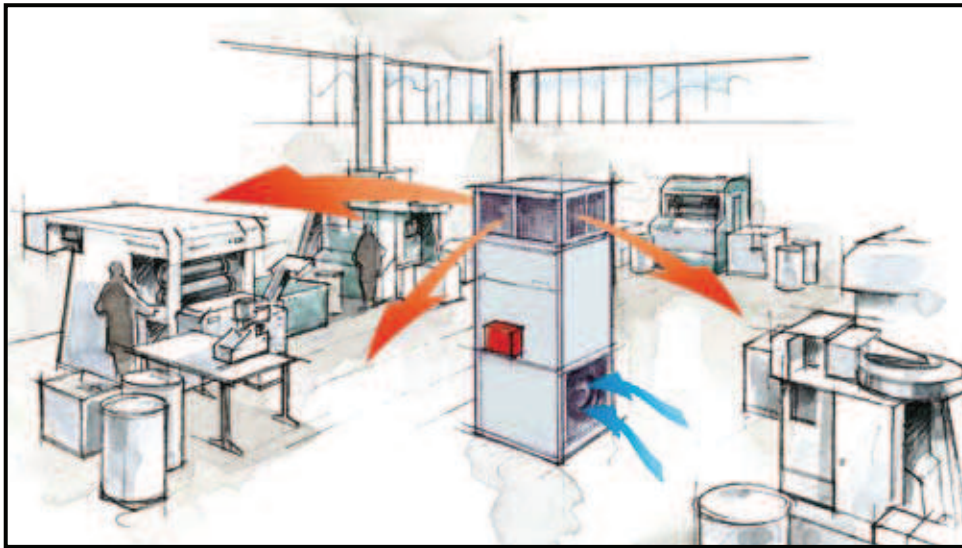
High efficiency cabinet warm air heaters for industrial and commercial environments heating. Warm air heaters, with direct air distribution through its own incorporated air outlet plenum. Stainless steel AISI 430 high efficiency combustion chamber. Low sound pressure centrifugal fan with fix transmission pulley, electronic control and safety system. The cabinet is robustly constructed by galvanized pre-coated steel panels fitted with radiant sheet insulation.

Flexiheat's 7 models have been designed for heating medium size environments like industrial sheds and warehouse, sport centres and laboratories.

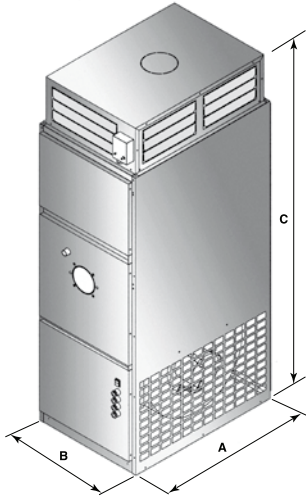
CONSTRUCTION CHARACTERISTICS



- 1. Combustion chamber** with flame inversion made of AISI 430 stainless steel, resistant to high temperatures, with low thermal load, perfectly cooled in all of its points.
- 2. Exchange elements** with flats tubular section, with swirl impressions for maximum thermal efficiency.
- 3. The rear exhaust manifold** with wide inspection door for rational and easy cleaning.
- 4. External cabinet** robustly constructed formed by galvanized pre-coated steel panels fitted with radiant sheet insulation.
- 5. Burner.**
- 6. Direct air diffusion plenum** with 4 side outlet with horizontal fins, which can be closed to exclude eventually one side.
- 7. Centrifugal fan** with double aspiration, with electrical motor.



OVERALL DIMENSIONS



Models	Dimensions mm			Chimney Ø mm	Weight Kg
	A	B	C		
TE 40	750	460	1.600	120	112
TE 60	800	540	1.700	150	140
TE 80	900	680	1.885	180	151
TE 100	1.080	760	2.000	200	214
TE 170	1.300	900	2.470	250	437
TE 230	1.500	1.000	2.520	525	525
TE 340	1.700	1.200	2.800	300	650

TECHNICAL SPECIFICATIONS

SERIES



Models	Unit	TE 40	TE 60	TE 80	TE 100	TE 170	TE 230	TE 340
Heating capacity input	kW	46,8	71,1	93,0	104,6	190,0	258,8	391,0
	kcal/h	40.300	61.200	80.000	90.000	163.400	222.600	336.250
USEFUL heating capacity output	kW	42,2	64,4	83,9	94,2	168,2	230,3	347,6
	kcal/h	36.300	55.400	72.100	81.090	144.600	198.100	298.950
Air flow rate	Nm ³ /h	2.800	4.500	5.300	6.300	11.500	15.300	23.000
Electrical supply	V - 50Hz	230 ~	230 ~	230 ~	230 ~	400 3N ~	400 3N ~	400 3N ~

