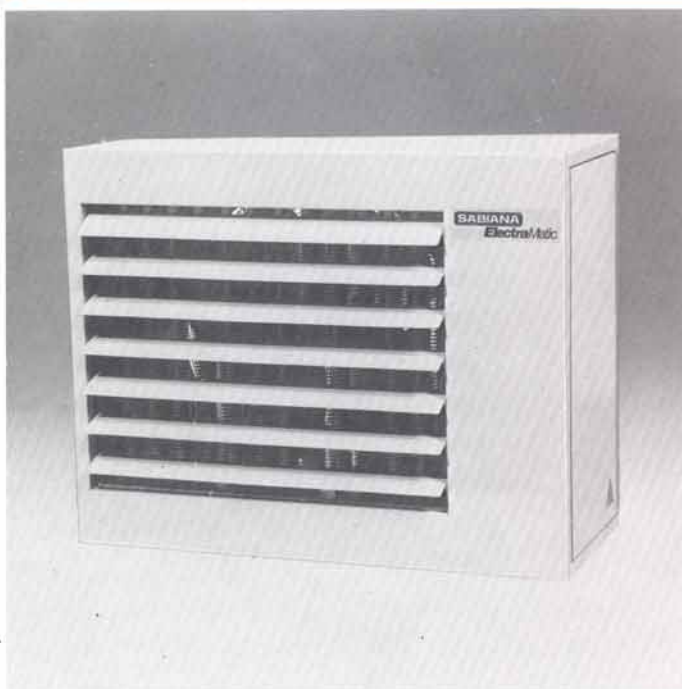


Electrical unit heaters

Electra '90 & Electramatic Sabiana



Description

Outer casing

Made of steel finished in a oven dried grey paint.

Electrical heat exchanger

Sealed electrical resistance made of finned steel tubes, the unit can work also on split outputs (2 stages).

Fan

The helicoidal fan is statically and dynamically balanced and owing to the high capacity profile provides maximum air volume with a minimum consumption of electric power.

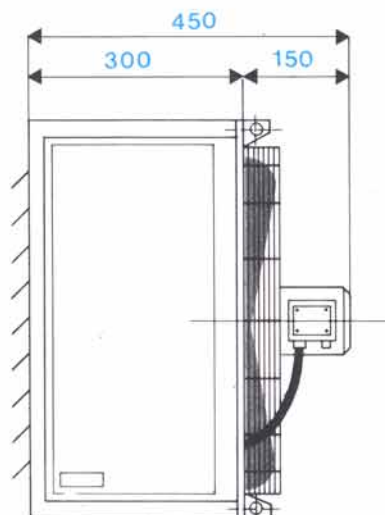
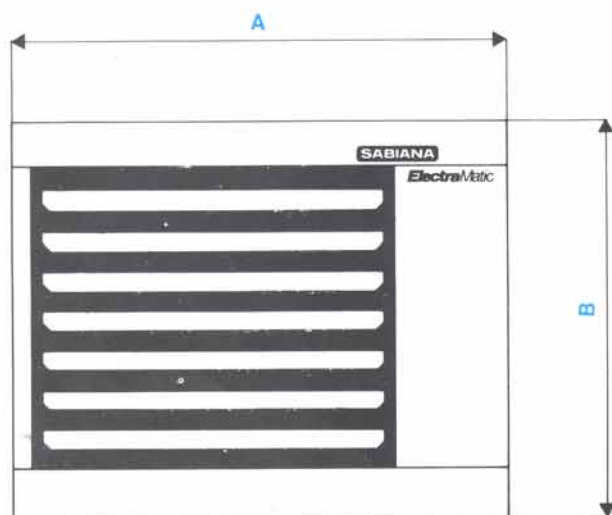
Electric motor

Three phase, 415 V, 50 Hz, single speed 900 rpm.

The unit includes internal thermostatic protection and terminal board for the electrical connections.

Electramatic version includes:

The electric motor with the thermic protection (Klixon). The control board with the automatic controls and protections with the safety thermostat and the terminal board ready to be linked to the remote control box, to the room thermostat, to the electrical line, etc.



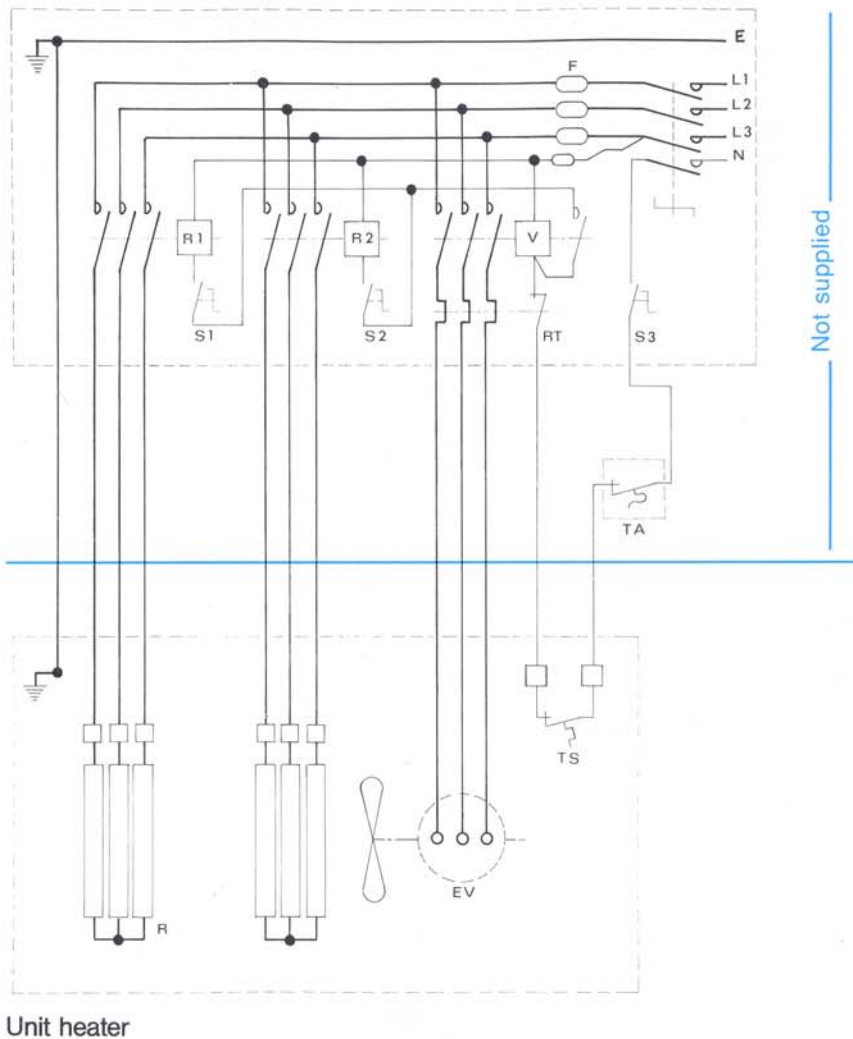
Model		Output	W		Air	Δt	Noise	A	B	Weight	Kg
Electra '90	Electramatic	1st stage	2nd stage	total	flow m ³ /h	air °C	level dB(A)	mm	mm	E	EM
06 E	EM 6	3240	3240	6480	1000	18	43	570	470	30	32
09 E	EM 9	3240	6480	9720	1000	29	43	570	470	33	35
11 E	EM 11	5550	5550	11100	1800	20	48	650	570	41	43
17 E	EM 17	5550	11100	16650	1800	29	48	650	570	43	45
24 E	EM 24	6000	18000	24000	3600	21	50	730	670	58	60
30 E	—	12000	18000	30000	3500	27	50	730	670	61	—
36 E	—	12000	24000	36000	3400	32	50	730	670	64	—

Electrical unit heaters Diagrams

Control panel

415 V / 50 Hz + N

Electra '90



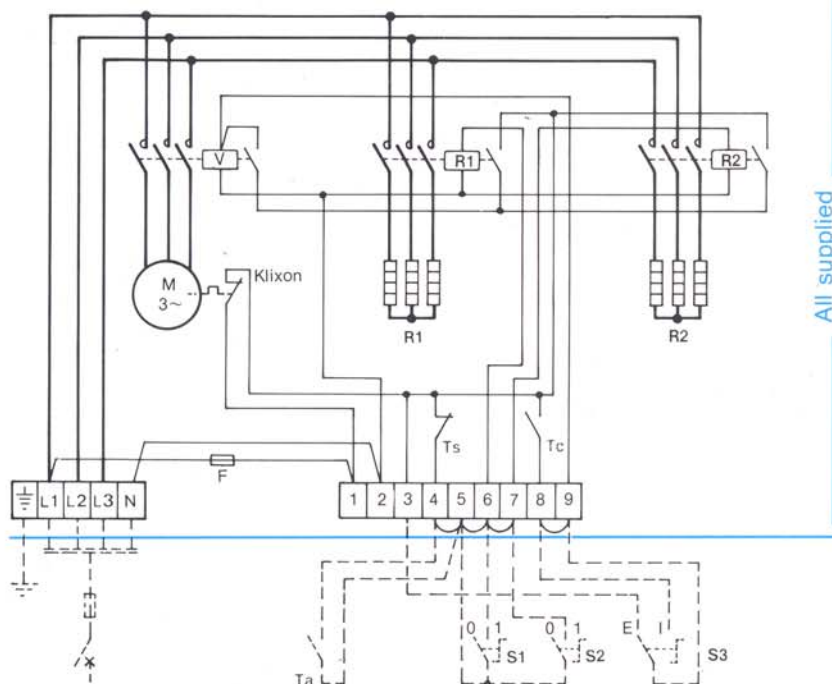
- F Fuse
- V Fan contactor
- R1 1° stage resistance contactor
- R2 2° stage resistance contactor
- S1 1° stage switch
- S2 2° stage switch
- S3 Fan switch
- Ta Room thermostat
- Rt Thermic relay
- Ts Safety thermostat
- R Resistances
- EV Motor

Unit heater

Unit heater

Electramatic

The control panel include:
Protection
Terminal board for the remote
control box



- M Motor
- V Fan contactor
- R1 1° stage resistance contactor
- R2 2° stage resistance contactor
- S1 1° stage switch
- S2 2° stage switch
- S3 Fan switch
- Ta Room thermostat
- Tc On/off fan thermostat
- Ts Safety thermostat
- F Fuse

415 V / 50 Hz + N

Remote control box