

MAXIMIZOR 2100 TECHNICAL DATA & INSTALLATION INSTRUCTIONS

The Reznor **MAXIMIZOR 2100** de-stratification fans are intended for use in commercial and industrial premises to provide additional air circulation thus improving environmental comfort and providing energy savings.

They are suitable for installing on small heights varying between 3m and 4m (measured to the underside of the appliance). **This minimum distance of 3m must always be respected. Ensure that the appliance should never be installed within reach of persons !** A distance of at least 300 mm to the top of the appliance should be maintained between the roof or ceiling.

MAXIMIZORS must be installed in a suspended manner using all of the suspension points provided. Materials used for the suspension and the structural elements to which they are to be fastened must be capable of withstanding ten (10) times the weight of the appliances.

Suspension chains etc must be angled at 20° (see figure 2) to the vertical to ensure that rotational movement does not occur during start-up and operation. Rigid suspension is not recommended, as this will cause noise transmission through the structural elements of the building.

MAXIMIZORS should not be installed close to a wall as to do so destroys the air flow pattern as described as well as causing peripheral turbulence and resulting excess noise generation.

These appliances must be earthed.

Each MAXIMIZOR should be electrically connected to a separate fused double pole isolator with a minimum contact separation of 3,0 mm between all poles.

It is strongly recommended such isolators are of the key lockable type to prevent unauthorised operation. They should be installed so that they are clearly visible to any person working on the appliance.

A control thermostat is fitted to the appliance. As a guide it should be adjusted to operate at a temperature 5 °C higher than the design comfort temperature of the installed space. This will ensure that chill factors are not experienced by occupants.

Table 1 : TECHNICAL DATA

DESCRIPTION		
Electrical	#	230V 1 ~ N 50Hz
Fan speed	rpm	1000
Op. current	A	0.54
Absorbed power	kW	0.120
Sound Lp (1)	dB(A)	44
Net weight	kg	10
(1) : r=5m; Q=1; A=160m ²		

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Figure 1 : Dimensions

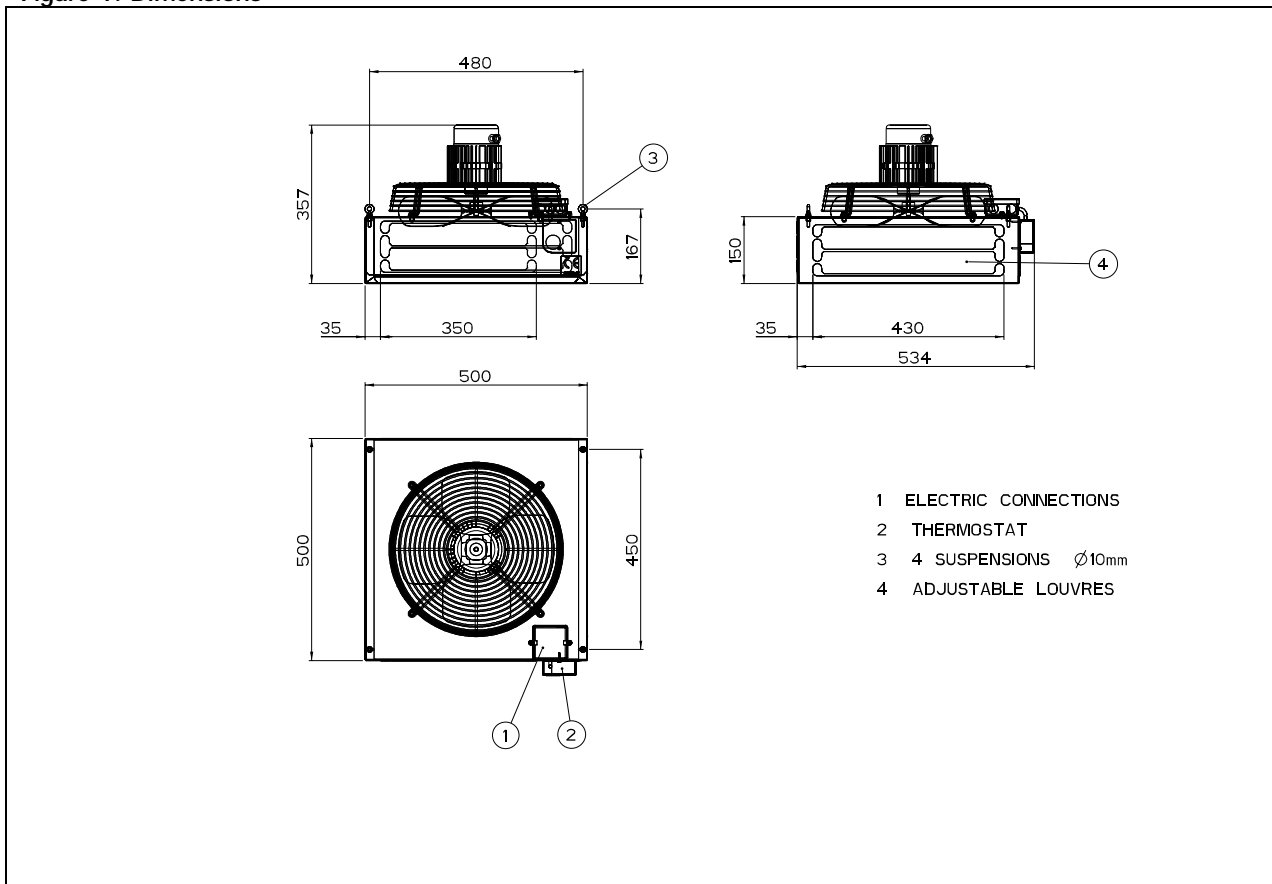
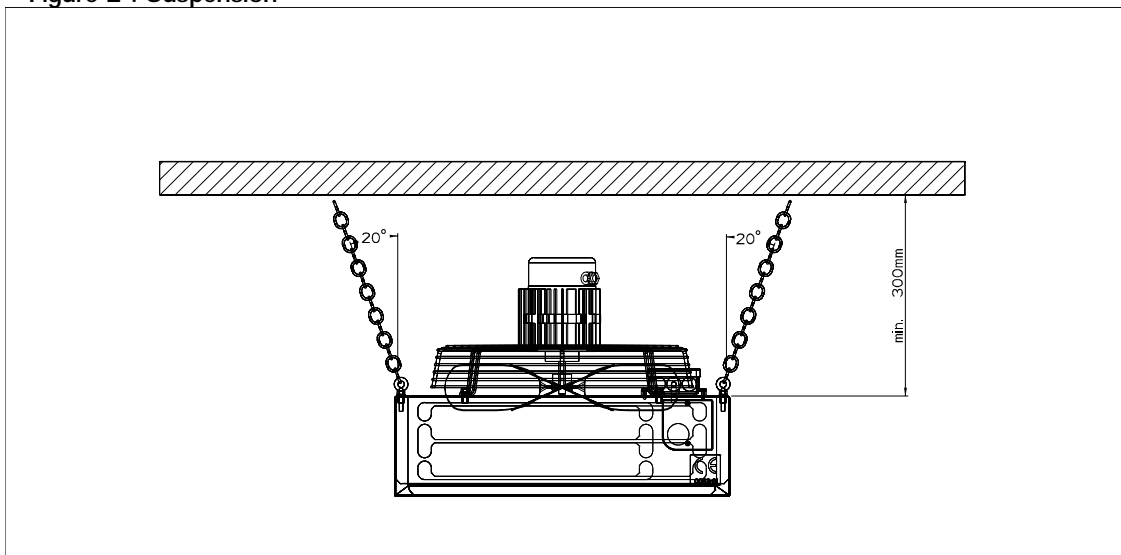


Figure 2 : Suspension



Subject to modifications without prior notice