

# ApenGroup



Industrial Heating Solutions **2019**

**ApenGroup**<sup>®</sup>  
**aermaxline**

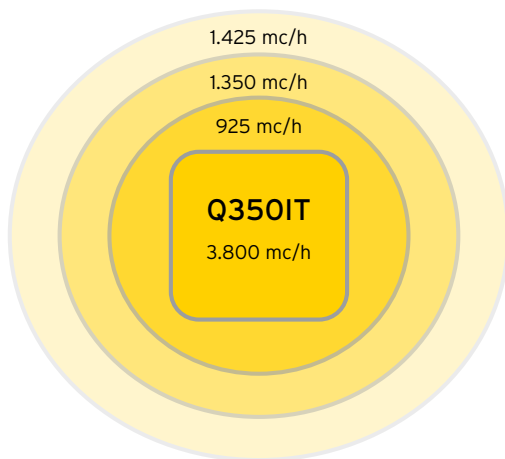
# QUEEN / Air Destratificator

Queen destratificator has the aim to reduce the temperature difference between the ceiling and the floor of the building, generating a vertical air flow.

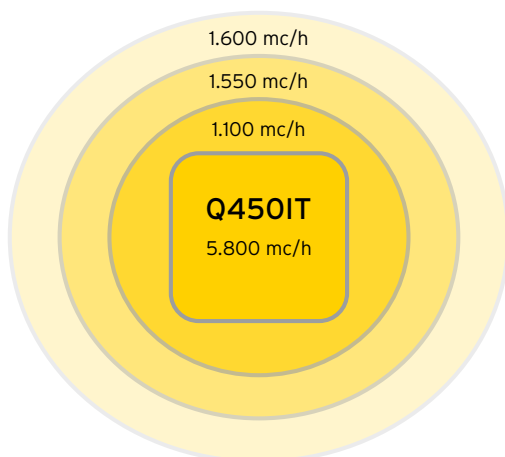
Its action is added to the air heaters' function, mixing the air in the room.

The use of Queen reduces the thermal stratification.

## Air Treated QUEEN



Fan Air Flow	3.800 m <sup>3</sup> /h
Induced Air Flow	3.700 m <sup>3</sup> /h
Total Air Flow	7.500 m <sup>3</sup> /h



Fan Air Flow	5.800 m <sup>3</sup> /h
Induced Air Flow	4.250 m <sup>3</sup> /h
Total Air Flow	10.050 m <sup>3</sup> /h

## Features:

- Flaps with high efficiency geometry.
- Air flow between 3.800 m<sup>3</sup>/h and 5.800 m<sup>3</sup>/h.
- Influence Area 70-380 m<sup>2</sup>.
- Axial Fan.
- Speed regulation.



## Casing and Diffuser

Modern design made in ABS.

## Accessories on Request

5 speed regulator.



## QUEEN / Air Destratificator

### Positive Effects

The use of Queen produces important benefits both in summer and winter season.

#### Winter:

- Reduction of heat need more than 30%.
- Reduction of relative humidity more than 20%.
- Elimination of condensation.

#### Summer:

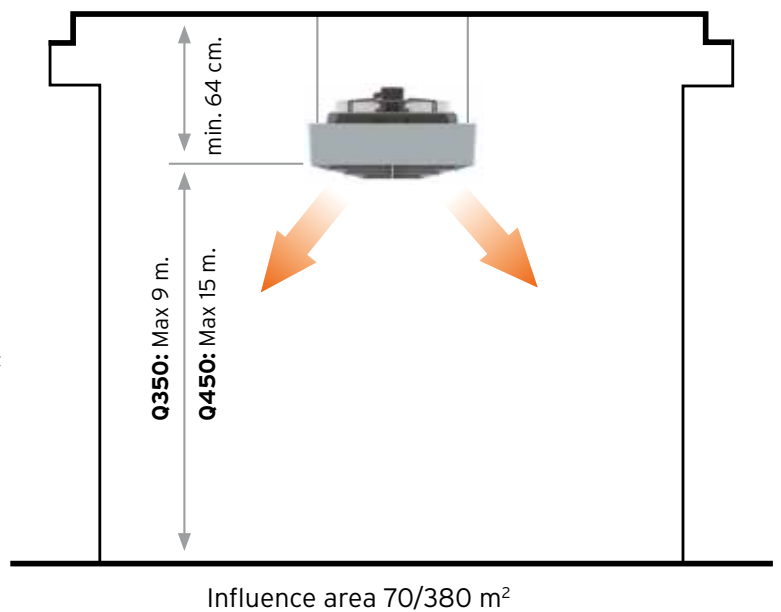
- Reduction of relative humidity more than 20%.
- Reduction of the concentration of fumes and odors, etc. more than 50%.
- Comfort improved.

### Accessories on Request:

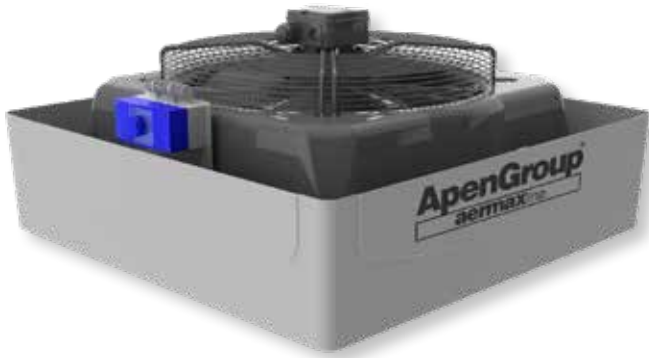
- 5 speed regulator.



- Kit thermostat for automatic ON-OFF functioning

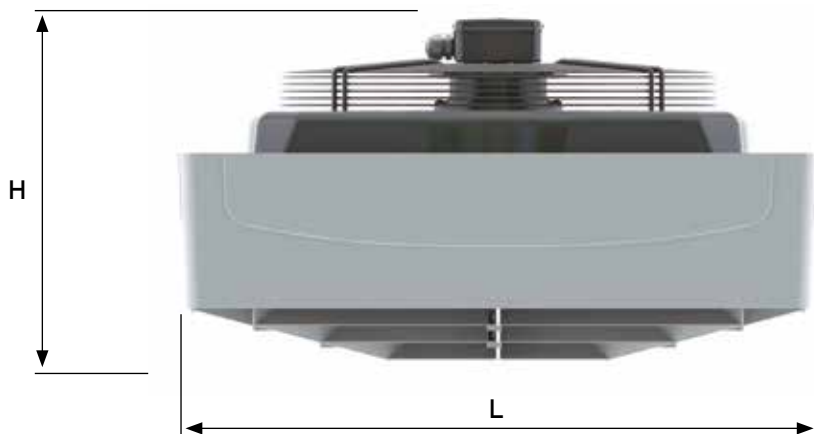


## QUEEN / Technical Data



Model		Q350IT	Q450IT
Casing and diffuser		ABS	ABS
Air treated	m <sup>3</sup> /h	3.800	5.800
Air speed	rpm	1.290	1.280
Influence area	m <sup>2</sup>	70-200	150-380
Installation height	m	4-9	6-15
Max ceiling height	m		18
Absorbed power	W	130	310
Frecuency	Hz		50
Power supply	V		230
IP Protection			IP54
Fan type			Axial
Number of blades			7
Diameter fan	mm	350	450
Weight	Kg	13	15

## QUEEN / Dimensions



Model	L [mm]	H [mm]
Q350IT	695	390
Q450IT	695	390

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