

# CEILING EXTRACTOR

## SERIES LCE

### INTRODUCTION

Designed for easy mounting in cavity type ceilings of any domestic or commercial building, the Luft series LCE ceiling extractor fan has an aesthetically pleasing grill moulded in white PVC. Patented sliding clamps secure the unit to the ceiling and the grill simply clips into position.

### SELECTION OF FANS

The LCE has been designed to ventilate most average size rooms such as bathrooms, kitchens, offices, and smoking rooms, but each installation should be assessed independently to assure that the recommended air change rate is achieved. Larger areas may require a number of fans and the following formula should be used to calculate the precise ventilation requirements:

$$\frac{\text{Room Volume m}^3 \times \text{Air change per hour}}{\text{Fan Capacity m}^3/\text{h}} = \text{No. of LCE Required}$$

#### RECOMMENDED air changes per hour

Bedrooms	5
Kitchens and Laundries	20
Living and Dining Rooms	10
Offices and Boardrooms	10
Smoking Rooms	20
Toilets and Bathrooms	20



DIMENSIONS IN mm	LCE200	LCE250
Extract capacity m <sup>3</sup> /h	240	385
Motor Watts	30	40
Fan speed	1100	1000
A - Overall intake size	305	350
B - Impeller track size	275	270
C - External protrusion	20	19
D - Internal protrusion	100	106
Hole size in ceiling	240	287

