

RECOUPAK DE-STRATIFICATION FANS



- REDUCES FUEL USAGE
- AUTOMATIC OPERATION
- IMPROVES DISTRIBUTION OF WARMTH



BENSON RECOUPAK FANS

Benson Recoupak de-stratification fans are designed to provide a permanent reduction in roof space temperature. Automatic in operation, each fan unit is fitted with an integral thermostat which is activated by temperature rise thereby operating the quiet yet powerful axial fan and gently returning previously wasted heat back into the working zone.

TECHNICAL DATA

Model		R1750	R2500	R3250	R4500	R6300
Air Displacement	m ³ /s	0.833	1.180	1.533	2.123	2.970
	m ³ /hr	3000	4250	5520	7650	10690
	ft ³ /m	1750	2500	3250	4500	6300
Electrical Supply	V/ph/hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Fuse Rating	amps	5	10	10	10	10
O/A Height	mm	410	510	510	420	420
	ins	16.1	20.1	20.1	16.5	16.5
O/A Width	mm	470	572	572	572	720
	ins	18.5	22.5	22.5	22.5	28.3
O/A Depth	mm	470	572	572	572	720
	ins	18.5	22.5	22.5	22.5	28.3
Weight	kg	14	25	25	25	35
	lbs	31	55	55	55	77
Throw / Max. Mounting Height	m	9	15	18	24	24
	ft	30	49	59	78	78

SPECIFICATION

CASING: manufactured from electro zinc coated steel sheet finished with a durable stove enamelled epoxy polyester powder paint. Four eye bolt suspension points are provided. Purpose designed fixing kit available as an option.

CONTROLS: Recoupak fans are supplied ready for automatic operation with installation only requiring mounting and the connection of a single phase electrical supply. Each fan is fitted with an integral thermostat which makes on temperature rise.

AIR DISTRIBUTION: the in-built thermostat prevents the premature discharge of cold air, automatically operating the fan on temperature rise gently re-directing the warm air downwards through an adjustable four way louvre.

TESTING: every fan is individually inspected and tested prior to despatch.

GUARANTEE:* Benson Recoupak fans are provided with a twelve month guarantee.

DESIGN

FIRSTLY: select the fan unit to suit the mounting height requirements Ideally the fan/s should be positioned about one metre under the highest roof point or apex.

SECONDLY: calculate the building volume in cubic metres, then multiply the volume by two so that the fans displace the building air volume twice each hour.

THIRDLY: to determine the number of fans required divide the result of the building volume multiplied by two by the fan displacement (as measured in cubic metres per hour).

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