

IMPELLOR SWEEP DE-STRATIFICATION FANS



- **REDUCES FUEL USAGE**
- **IMPROVES DISTRIBUTION OF WARMTH**
- **SPEED CONTROLS AVAILABLE**
- **SIMPLE INSTALLATION**



IMPELLOR SWEEP FANS

These quiet but powerful fans re-circulate the warm air down onto the working zone. When operated in conjunction with speed controls a comfortable working environment can be created without draughts.

TECHNICAL DATA

Model		IM 900	IM 1200	IM 1400
Air Displacement	m ³ /s	2.333	3.667	4.000
	m ³ /hr	8400	13200	14400
Electrical Supply	V/ph/hz	230/1/50	230/1/50	230/1/50
Fuse Rating	amps	3	3	3
Motor Rating @ Full Speed	watts	65	70	75
O/A Height	mm	940	940	940
O/A Blade Sweep	mm	900	1200	1400
Weight	kg	4.0	4.2	4.3
Maximum Mounting Height	m	5	8	12
Minimum Mounting Height	m	2.5	2.5	2.5
Floor Area Coverage @ Max Mounting Height	m ²	60	100	130
Maximum Distance Fan Centres	m	8	10	12
Minimum Clearance Fan To Walls	m	1.5	2	2.5

SPECIFICATION: **MOTOR HUB:** Manufactured from diecast aluminium ensures elegance, durability and reliability.

BLADES: Each fan has three precision formed, dynamically balanced blades.

CONTROLS: We offer a simple five-speed one-fan controller and a variable speed one to three fans controller for convenience and ease of installation.

AIR DISTRIBUTION: The fans gently move warm air back down to the lower working level with speed controls offering a variation on air volume amounts.

GUARANTEE: * Sweep fans are provided with a twelve month guarantee

DESIGN:

FIRSTLY: Select the fan unit to suit the mounting height requirements. Ideally the fans should be mounted above the lighting system and with a clearance of at least 750mm between the blades and the roof. The minimum height should take account of any obstruction and safety of personnel, minimum recommended 2.5m.

SECONDLY: Calculate the buildings floor area in square meters, then divide the result by the floor area coverage for the fan size selected. Bear in mind that the floor area coverage is based on maximum mounting height and this reduces if the fans are mounted lower.

THIRDLY: Check the maximum distance between fans and the minimum clearance from the walls.

KEEP WARM WITH



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* Guarantees and warranties subject to terms and conditions. It is our policy to pursue a program of continuous development. We therefore reserve the right to change model types, specifications and prices without prior notice. Details are believed to be correct but do not form the basis of any contract or guarantee. All orders accepted subject to our standard conditions of sale copy available on request.