

## HTS Turbulator Recirculation Fan

The Turbulator range of recirculation fans provide a constant airflow and are suitable for all year round ventilation, removing condensation and providing evenness of temperature and humidity throughout a wide variety of agricultural and horticultural buildings.

Designed to circulate air using minimal power consumption, thereby offering a swift payback period.

The range also includes a stainless steel model for more corrosive environments.

Hydor's capabilities in manufacturing and design extend well beyond this, enabling us to provide any additional sizes or bespoke requirements you may have, such as Turbulators with integrated heaters and controls.



### key features

- Control of insects in the summer months – many insects and flies are discouraged by the constant airflow created by the circulating fans
- Provides a reduction in livestock heat stress, thereby reducing veterinary expenses
- Air circulation results in improved root growth and a healthier plant in horticulture applications
- Improved evaporation of moisture in the air eliminates condensation on walls and ceilings in winter
- Air circulation moves fumes away from animals, circulating gases to a higher level for extraction at roof level
- Ceiling mounted, provides optimum coverage at any angle
- Disperses dust
- Offers precise environmental control and an improved environment for workers
- Built to withstand challenging, humid and corrosive conditions

## HTS Turbulator Recirculation Fan

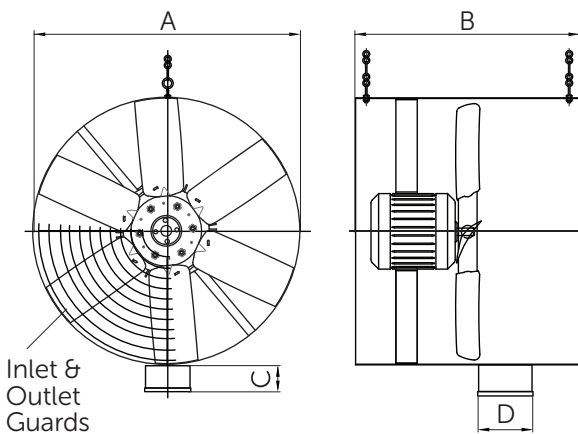
product information	Diameter (mm)	Speed (r/min)	Airflow (m <sup>3</sup> /s)	Throw (metres)	dBA @ 3m	Power (kW)	FLC (Amps)
HTS450	450	1360	1.31	23.4	64	0.545	2.31
HTS500	500	945	1.21	19.7	57	0.280	1.33
HTS630	630	945	2.34	22.5	64	0.721	3.15

Alu-Zinc casing as standard. Stainless steel upon request.

Throw termination @0.5m/s.

The overall A-weighted sound pressure level is at a distance of 3m with spherical free-field propagation. It is expressed in dB re-20µPa and is presented for comparative purposes only.

### dimensional drawing



### features and benefits

- 3 sizes from 450mm to 630mm diameter
- Suitable for 230V single phase supply
- Rust resistant air straightener for long axial air throw
- Full range of thermostats and speed controllers available
- Lightweight motors
- Non-corrosive plastic impellers for a long service life
- Rust resistant powder coated wire guards
- IP55 rated Junction Box and 3 metre cable with 3 pin plug
- Electronic or manual thermostats available
- Alu-Zinc or stainless steel casings
- Suspension eyes and chain for ease of mounting
- 12 months product warranty

### dimensions

	A	B	C	D	Weight (kg)
HTS450	460	440	75	115	20
HTS500	510	440	70	115	19
HTS630	660	630	70	115	30

Dimensions in mm.

### accessories

	Inverter Controller	Mechanical Thermostat HS1	Electronic Thermostat HP11W
HTS450	007828	003306	002371
HTS500	007827	003306	002371
HTS630	007828	003306	002371