

DEALER STAMP



HARVEST INSTALLATIONS, UNIT E, NORTH YARD, THE BRENTS, FAVERSHAM, KENT ME13 7DZ

FAN UNITS

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**HARVEST INSTALLATIONS**

**Fan Units**



A wide range of impellers are available to give performance to suit virtually any application. All model PFD fans can be supplied with mounting feet and inlet guard. Dwindraught applications are also available.

### Harvest Model PFDD

The Duplex 2 stage axial is ideal where large quantities of air are required, the four electric motors give the lowest possible maximum electricity demand and offers the greatest flexibility of any fan system being able to run one, two or all four motors.

Outputs up to 100,000 cfm are possible for larger floor stores and installation is simple and cost effective.

### Silencers

Silencers are available for the range of Harvest fans fitting both centrifugal and axial models. Available in standard form and also with internal pod fitted for even greater efficiency. Silencers are one diameter long as standard and are easily attached to the inlet of both types of fan.



### Extraction Fan Units

G.E.V.E Gable end extraction and ventilation units consisting of 900mm diameter reversible fan unit with mounting plate and external cowl which can be supplied insulated and fitted with external silencer if required for noise sensitive areas.

## Harvest Fan Units

### Centrifugal Fan Units

Available in sizes from 10hp to 50hp. All steel construction with modern backward curved impellers which are statically and dynamically balanced and mounted directly on to the motor shaft.

Available with 'standard', 'dwindraught' and overhead outlets, they can be used in a variety of applications where maximum output is required against back pressure of up to 10" (250mm) wg.

Where high outputs are required but electricity supply could be a problem duplex fan units can be supplied keeping the maximum electricity demand to a minimum and giving greater flexibility for drying batches within the store.

With the increasing popularity of internal fan houses within bulk stores the 'dwindraught' fan which is mounted above the main air tunnel is frequently used. Its compact design and installation fits easily within these smaller fan-rooms.

With the increased use of temperature drying systems in bulk stores fitted with the Harvest Maxi-Stirrer system, these fans will handle air temperatures of up to 50°C without any appreciable rise in motor temperature. For even higher temperature applications fans can be supplied with special motors to ensure trouble-free operation.

### Axial Fan Units

Harvest two stage axial fans are available as standard from two 3kW (4hp) motors up to four 18.5kW (25hp) motors. These standard units are supplied in heavy duty dip-galvanised casings with cast aluminium impellers. High outputs per horse-power and the contra-rotating impellers will develop pressure equally as high as a similar output centrifugal fan.

For applications where there is a limit to electricity supply 'Harvest' two-stage in-line axial fans are the obvious choice. Special situations can be considered where extremely high back pressure or high outputs are required.

### Harvest Fan Output Guide

