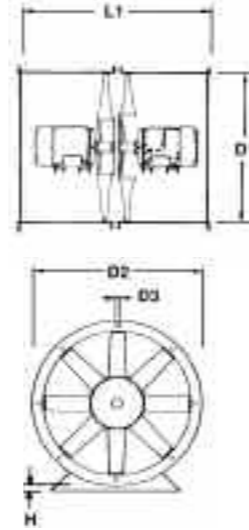


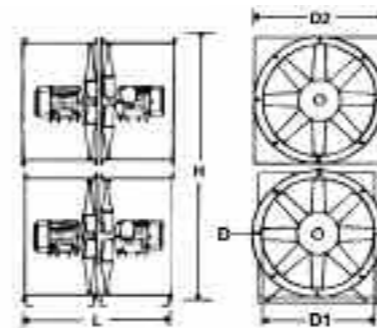
Two Stage Axial specification Models PFD

Output				Dimensions					
Model	KW/HP	RPM	3" W.G	4" W.G	D1	D2	L1	D3	H
PFD 40	2 x 1.5 / 2.0	2900	4590	4300	400	485	750	9	30
PFD 50	2 x 3.0 / 4.0	2900	7470	7000	500	585	1000	11	30
PFD 60	2 x 5.5 / 7.5	2900	12600	12065	600	710	1000	11	35
PFD 80	2 x 4.0 / 5.5	1440	14200	12150	800	910	1000	13	35
PFD 90	2 x 5.5 / 7.5	1440	18500	16850	900	1010	1250	13	40
PFD 100	2 x 7.5 / 10.0	1440	25000	22500	1000	1110	1250	13	50
PFD 110	2 x 11.0 / 15.0	1440	32900	30000	1100	1210	1500	13	55
PFD 125	2 x 18.5 / 25	1440	48400	45300	1250	1360	1500	13	55



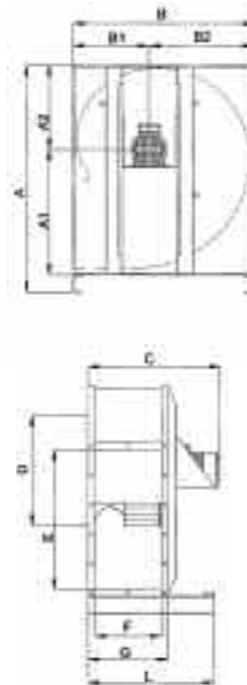
Two Stage Axial specification Models PFDD

Output				Dimensions					
Model	KW/HP	RPM	3" W.G	4" W.G	D1	D2	L1	D3	H
PFDD 100	4 x 7.5 / 10.0	1440	50000	45000	1000	1110	1250	13	2370
PFDD 110	4 x 11.0 / 15.0	1440	65800	60000	1100	1210	1500	13	2585
PFDD 125	4 x 18.5 / 25	1440	96860	90600	1250	1360	1500	13	2885



Centrifugal Fan specification

Model	Motor/RPM	Amm	Bmm	C	D	E	F	G	L	A1	A2	B1	B2	Output at CFM 4" WG
HI 3	2.2 / 2900	866	634	590	400	500	222	302	600	472	308	267	367	2700
HI 4	3.0 / 2900	866	634	630	400	500	260	340	600	472	308	267	367	3650
HI 5	4.0 / 2900	977	713	660	400	560	247	327	600	526	345	301	412	4750
HI 5	4.0 / 1470	1320	1011	775	630	800	426	506	1000	725	488	427	584	5885
HI 7.5	5.5 / 1470	1463	1130	870	630	900	410	490	1000	809	548	475	655	9250
HI 10	7.5 / 1470	1463	1130	910	630	900	465	545	1000	809	548	475	655	11250
HI 15	11.0 / 1470	1627	1266	1030	800	1000	485	565	1000	908	613	533	733	14200
HI 20	15.0 / 1470	1627	1266	1090	800	1000	535	615	1000	908	613	533	733	16700
HI 25	18.5 / 1470	1804	1404	1110	800	1120	525	605	1000	1014	684	590	814	20750
HI 30	22.0 / 1470	1804	1404	1190	800	1120	560	640	1000	1014	684	590	814	22750
HI 40	30.0 / 1470	1990	1570	1270	1000	1250	575	675	1224	1132	758	660	910	28100
HI 50	37.0 / 1470	1990	1570	1365	1000	1250	630	730	1224	1132	758	660	910	33600



HARVEST INSTALLATIONS

HARVEST FAN UNITS

A range of Centrifugal, Axial, Ventilation and Extraction fans



Fan Units



Centrifugal Fan Units

Available in sizes from 3hp to 5hp. 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', 'downdraught' and upward facing outlets, they can be used in a variety of applications where maximum output is required against back pressures of up to 10" (250mm).



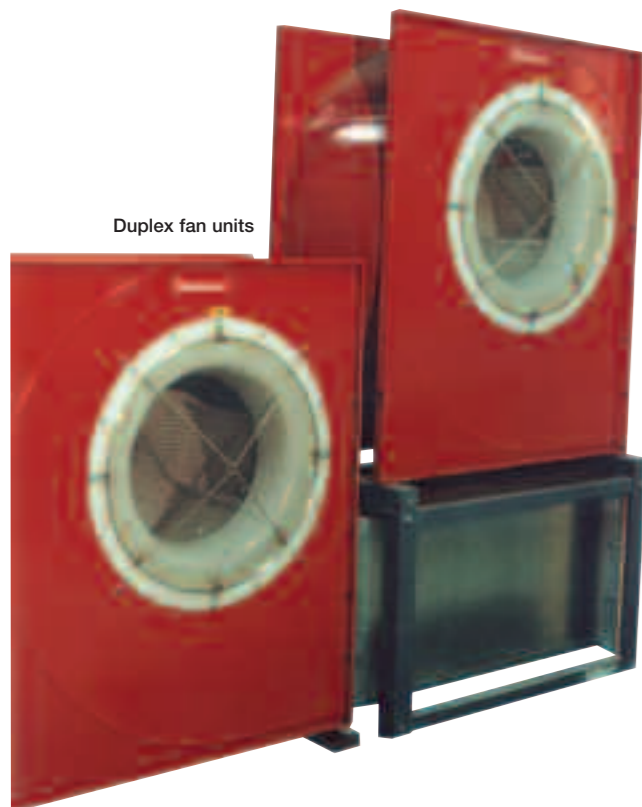
Harvest Standard Centrifugal Fan R.H Inlet

Axial Fan Units

Harvest two stage axial fans are available as standard from two 3kw (4hp) up to two 18.5kw (25hp). These standard units are supplied in heavy duty dip-galvanised casings with cast aluminium impellers giving 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, as 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. Downdraught applications are also available.



Two Stage Axial PFD



Duplex fan units

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 'downdraught' fan which is mounted above the main air tunnel is frequently used. Its compact design and installation fits easily within these smaller fan-rooms.



Downdraught Fan



PFDD Models

Harvest Model PFDD

The Duplex two stage axial is ideal where large quantities of air are required as 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 the 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.

Single Axial Fan Models PF, PFS and PFV

Single axial fan units are the choice where maximum air output per horse power is required at a relatively modest back pressure. ventilation of vegetable stores and air movement within any storage building is possible. The 'PF' range is suitable for duct or wall mounting with its tubular steel frame with mounting lugs and using a cast aluminium impeller. The range of 'PFV' fans are built with a cast aluminium frame with stainless steel motor mountings and there is a comprehensive range available from 310mm to 710mm diameter. The 'PFS' range consists of a single impeller in a short galvanised case. Detailed specification are available for all of the above.



Single Axial Fan Model PFV

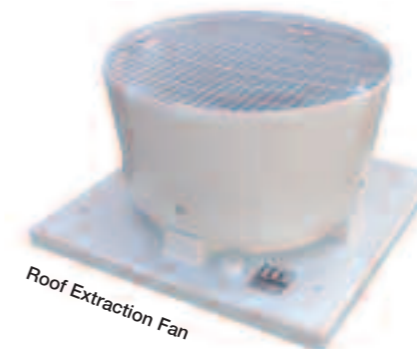


Internal Fan House

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.

Roof Extraction Fan Units - Powrjet Models

Extraction fans manufactured from glass fibre 400mm to 900mm diameter motors from .3kw to 2.2kw. Glass fibre roof soaker sheets available to fit roof cladding for easy weatherproof installation.



Roof Extraction Fan



Soaker Sheet