

# Backward Curved Centrifugal Fan for Aeration



Chief Industries  
UK Limited

## ST Range Mobile Centrifugal Fans

### Fan Performance



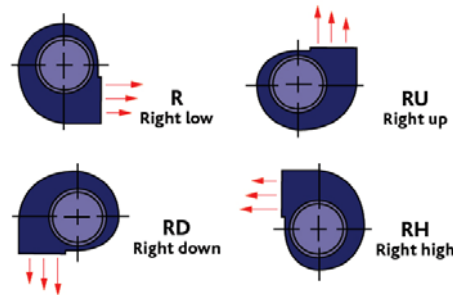
Model	Motor Kw	Volume	Pressure s.w.g.				
			4"	5"	6"	7"	8"
			100mm	125mm	150mm	175mm	200mm
ST 2	2.2	CFM	3,534	3,121	2,650	1,767	-----
		m <sup>3</sup> /hr	6,000	5,300	4,500	3,000	-----
ST 3	4.0	CFM	6,478	5,889	5,065	4,122	2,945
		m <sup>3</sup> /hr	11,000	10,000	8,600	7,000	5,000
ST 4	5.5	CFM	7,774	7,538	7,067	6,478	5,889
		m <sup>3</sup> /hr	13,300	12,800	12,000	11,000	10,000

This efficient range of mobile fans (from 2.2kw – 5.5kw) has been developed specially for the aeration and cooling of grain – for aeration facilities that normally consume 15-30 cubic metres of air per tonne.

They have a high air output and low energy consumption, as well as being maintenance free.

Chief mobile fans are made of galvanised, enamelled sheet steel to ensure a long service life.

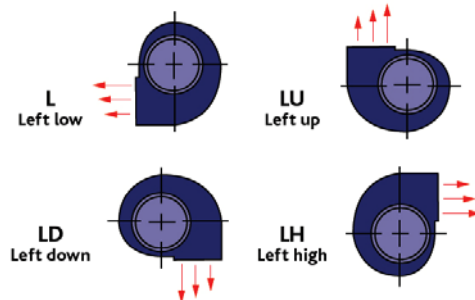
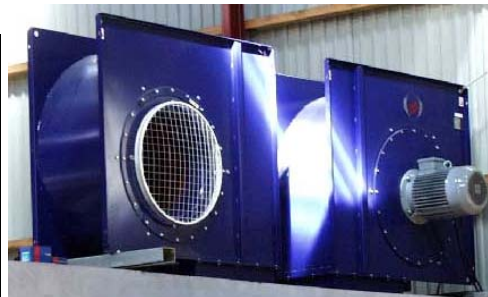
Supplied as standard with integral base stand, plastic wheels and handle, these fans can be easily configured for a number of different outlet positions.



## HL Range Static Centrifugal Fans

### Fan Performance

Model	Motor kW	Volume	Pressure s.w.g.				
			4"	5"	6"	7"	8"
			100mm	125mm	150mm	175mm	200mm
HL10	7.5	CFM	10453	9717	7951	6478	2061
		m <sup>3</sup> /hr	17750	16500	13500	11000	3500
HL15	11	CFM	14723	13251	11779	10306	8775
		m <sup>3</sup> /hr	25000	22500	20000	17500	14900
HL20	15	CFM	17668	16196	14723	13251	11779
		m <sup>3</sup> /hr	30000	27500	25000	22500	20000
HL25	18.5	CFM	20612	19140	18257	16932	15459
		m <sup>3</sup> /hr	35000	32500	31000	28750	26250
HL30	22	CFM	25029	23852	22379	21201	19140
		m <sup>3</sup> /hr	42500	40500	38000	36000	32500
HL40	30	CFM	30183	28710	26502	25029	22821
		m <sup>3</sup> /hr	51250	48750	45000	42500	38750
HL50	37	CFM	35218	33863	32509	30978	29505
		m <sup>3</sup> /hr	59800	57500	55200	52600	50100



This large, stationary range of fans (7.5kw - 37.0kw) offer quiet, dependable and extremely efficient performance. Powder coat painted steel casing, with hot dip galvanised casing available as an optional extra.

The HL model fans feature a minimum of wearing parts, enabling many years of trouble free smooth operation. These fans can be easily configured for a number of outlet positions.



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All capacities and dimensions are nominal. Due to our development policy prices and specification are subject to change without notice.



TECHNICAL DATA SHEET TDS-200