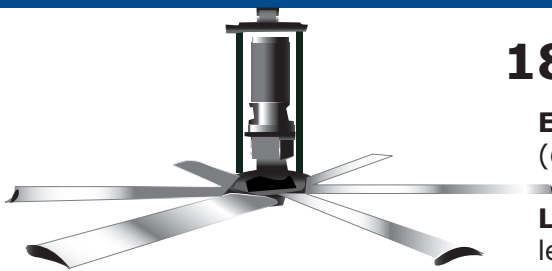


HVLS 18



18' High Volume Low Speed Ceiling

Energy efficient. To our knowledge, no other HVLS fan moves as much air (certified) for so little power consumption (certified).

Low carbon footprint. No other large industrial ceiling fan has less aluminum.

Lighter weight. Our 6 blade units last longer, provide excellent air circulation and cost less to ship than other fans with more blades.

All HVLS Fans are CE Certified. UL listings are available as required.

General Information / Performance @ Max Speed / Typical Coverage

Diameter

Feet	18'
Meter	4.887

Number of Blades	6
------------------	---

HP	1
kw	0.75

Hanging Weight

w/Universal Mount	
lbs	222lbs
Kg	100.7kg

Shipping Weight

w/All Fan Components	
lbs	396lbs
kg	179.6kg

Air Displacement

FWD, Blowing Down CFM	179,015 ±
-----------------------	-----------

Reverse, Blowing Up CFM	125,311±
-------------------------	----------

Maximum Speed RPM	71
-------------------	----

Power Usage WATTS@Maximum Speed	0.648kW
---------------------------------	---------

Voltages

Single Phase	1Ø 208V-240V
--------------	-----------------

Three Phase	3Ø 460V-480V
-------------	-----------------

Maximum Effective Area

Sq Feet	15,000
Sq Meter	1393.55

Typical Industrial Spacing

Feet	90'
Meter	27.43m

Materials

Frames/Mounting Hardware:	A36 steel Powder Coated Color, Black
Bolts, Nuts:	Zinc Plated
Hubs:	713 Aluminum
Blades:	Type 2, Class 1 Aluminum
Safety Cable	
Guide Wires:	Galvanized Steel Aircraft cables
Safety Link System:	10 ga A569 Steel

Note: All gear boxes are permanently lubricated. All fans come with a remote control box containing the forward/stop/reverse switch and the speed control switch w/100' of control wire. Remote control box and power switch are NEMA 4 rated.



05/26/09

Note: Due to continual product improvement, items are subject to change without notice.

Patterson Fan Company, Inc
Blythewood, SC 29016
www.pattersonfan.com
800.768.3985

