

WM Light Dep Exhaust Fan

Using light deprivation to control growth cycles is a strategy that many agriculturists use. Besides bringing production to maturity in a shorter time period, light deprivation also decreases aggressive behaviors while increasing ROI.

Minimizing light while still maintaining optimal ventilation in your house can be difficult.

J&D's WM Light Dep Exhaust Fan is the solution you should implement today. Performance data was gathered with the light trap installed. There is no guess work on how much performance is compromised after adding the light trap and shutter.

- Keep your facility healthy by reducing stagnant air, gases, odor, disease, and aggression
- Full range of sizes, even ones for the smallest houses
- Test data is for fan with light trap and shutter, enabling dependable and accurate air exchange calculations

Mounts flush to the interior of the house

• **Freeing up valuable space**

• **Eliminating a protruding ledge that can collect debris and possible pathogens**

Light Trap

- 1.5 million :1 light reduction factor
 - Washable
 - Easy-to-assemble², install, and remove for cleaning
- check out the assembly video on our website



Nylon Light Trap Clips

- For toolless light trap removal, allowing for quick cleaning and maintenance access

Check out our inlets section for your inlet light trap needs



Exterior Shutter

- Aluminum shutter with tie bar/s to minimize unwanted air infiltration and noisy flapping

Housing

- Durable, corrosion-resistant, 18-gauge galvanized steel for long life

⚠WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov/product.

WM Light Dep Exhaust Fan

H-frame

- Heavy 12-gauge steel for strength
- Galvanized for long life

Prop

- Precision balanced for efficiency, extended fan life, and reduced noise

Bearings

- Eccentric locking
- Pre-lubricated
- Permanently sealed and rubber mounted to improve operation and reduce prop fatigue
- Covered by a **3 Year Warranty**

Venturi

- Precision machined for consistent predictable performance



Part#	Sz	Spd	@0.10" SP			Drive	Prop
			CFM	Watt	FEI		
Single Phase							
VF24DMLT1-GS	24"	1	4,854	7.8	N/A	Direct	4-Ply
VF30DMLT1-GS	30"	1	6,551	10.4	N/A	Direct	3-Alm
Three Phase							
VF24DMLT3-GS	24"	1	4,252	9.0	N/A	Direct	3-Glv
VF30DMLT3-GS	30"	1	6,645	10.0	N/A	Direct	3-Alm

Gold Star Motor

- IP66-Rated
 - Dust tight
 - Can be washed down from any angle
- Totally enclosed
- Maintenance-free, completely sealed ball bearings
- High efficiency
- CSA recognized
- Covered by a **3 Year Warranty**



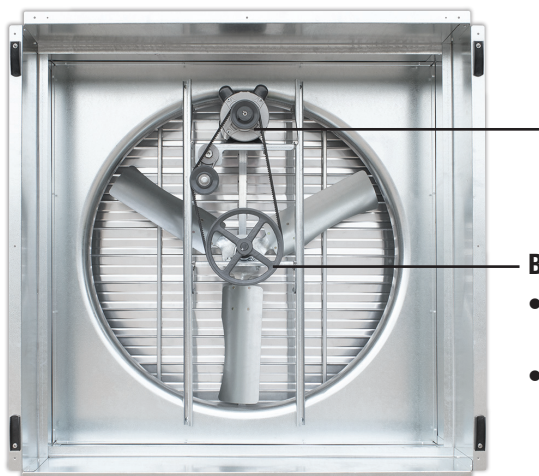
Shown with light trap removed



Part#	Sz	Spd	@0.10" SP			Drive	Prop
			CFM	Watt	FEI		
Single Phase							
VF24DMLT1	24"	1	4,267	10.6	N/A	Direct	3-Alm
VF30DMLT1	30"	1	6,216	11.0	N/A	Direct	3-Alm
* VF36GGLT1	36"	1	10,948	9.4	1.20	Belt	4-Glv
VF42GGLT1	42"	1	13,064	10.4	1.29	Belt	3-Glv
VF50GGLT1	50"	1	19,717	10.5	1.26	Belt	3-Glv
VF55GGLT1	55"	1	22,512	11.8	1.40	Belt	3-Glv
Three Phase							
VF24DMLT3	24"	1	4,457	10.7	N/A	Direct	3-Alm
VF30DMLT3	30"	1	6,259	12.1	N/A	Direct	3-Alm
VF36GGLT3	36"	1	11,044	9.9	1.25	Belt	4-Glv
VF42GGLT3	42"	1	13,957	10.4	1.29	Belt	3-Glv
VF50GGLT3	50"	1	22,038	10.1	1.21	Belt	3-Glv
* VF55GGLT3	55"	1	24,283	12.2	1.44	Belt	3-Glv

Standard Motor

- Totally enclosed
- Maintenance-free, completely sealed ball bearings
- High efficiency
- UL and CUL recognized
- Covered by a **2 Year Warranty**



Shown with light trap removed

Belt Drive Models

- Automotive style belt tensioner
- High efficiency notched v-belt

* Experts choice

Bold red text is data based on testing performed by an accredited lab using ANSI/AMCA Standard 210-07

OSHA requires these fans to be mounted 7' above the floor

² Light trap ships unassembled - assembly video on our website

Fan Size	Rough Opening
24"	35"W x 35"H
30"	41"W x 41"H
36"	47 1/4"W x 47 1/4"H
42"	53"W x 53"H
50"	59"W x 59"H
55"	66 1/4"W x 66 1/4"H

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