

# 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 assemble<sup>2</sup>, install, and remove for cleaning
- *check out the assembly video on our website*

### Nylon Light Trap Clips

- For tool-less 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](http://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#	Size	Phs	Spd	@0.10" SP		Drive	Prop
				CFM	CFM/Watt		
<b>Single Phase</b>							
VF24DMLT1-GS	24"	1	1	<b>4,854</b>	<b>7.8</b>	Direct	4-Ply
VF30DMLT1-GS	30"	1	1	<b>6,551</b>	<b>10.4</b>	Direct	3-Alm
<b>Three Phase</b>							
VF24DMLT3-GS	24"	3	1	<b>4,252</b>	<b>9.0</b>	Direct	3-Glv
* VF30DMLT3-GS	30"	3	1	<b>6,645</b>	<b>10.0</b>	Direct	3-Alm

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

\* Best sellers/recommended models

**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**

<sup>2</sup> 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"	47¼"W x 47¼"H
42"	53"W x 53"H
50"	59"W x 59"H
55"	66¼"W x 66¼"H

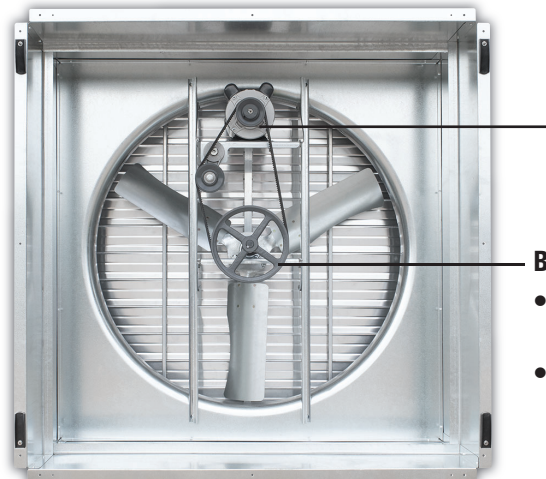
## Gold Star Motor

- 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**



## Standard Motor

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



## Belt Drive Models

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

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